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BIBLIOMETRICS BASED ON CITATION INDEX 2019**

Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations WoS	Citations Scopus	CITATION INDEX
<b>2019</b>													
Results found	222												
Sum of the Times Cited	398												
Average Citations per Item	1.79												
h-index	8												
Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations WoS	Citations Scopus	CITATION INDEX
Selective adsorption and removal of drug contaminants by using an extremely stable Cu(II)-based 3D metal-organic framework	Liu, Weicon; Shen, Xin; Han, Yaoyao; Liu, Zhaohui; Dai, Wei; Dutta, Archisman; Kumar, Abhinav; Liu, Jianqiang	CHEMOSPHERE	JAN 2019	2019	215		524	531		<a href="https://doi.org/10.1016/j.chemosphere.2018.10.075">https://doi.org/10.1016/j.chemosphere.2018.10.075</a>	19	23	<b>40844</b>
Luminescent sensing and photocatalytic degradation in a new 3D Zn(II)-based highly luminescent metal-organic framework	Lu, Lu; He, Jiangrong; Wang, Jun; Wu, Wei-Ping; Li, Baohong; Singh, Amita; Kumar, Abhinav; Qin, Xiangyang	JOURNAL OF MOLECULAR STRUCTURE	MAR 5 2019	2019	1179		612	617		<a href="https://doi.org/10.1016/j.molstruc.2018.10.099">https://doi.org/10.1016/j.molstruc.2018.10.099</a>	12		<b>26013.5</b>
A 3D metal-organic framework with isophthalic acid linker for photocatalytic properties	Pan, Ying; Liu, Weicon; Liu, Dong; Ding, Qiongjie; Liu, Jianqiang; Xu, Hongjia; Trivedi, Manoj; Kumar, Abhinav	INORGANIC CHEMISTRY COMMUNICATIONS	FEB 2019	2019	100		92	96		<a href="https://doi.org/10.1016/j.inoche.2018.12.025">https://doi.org/10.1016/j.inoche.2018.12.025</a>	12	14	<b>26020.5</b>
Photocatalytic and Ferric Ion Sensing Properties of a New Three-Dimensional Metal-Organic Framework Based on Cuboctahedral Secondary Building Units	Ding, Qiongjie; Pan, Ying; Luo, Yingmei; Zhou, Mi; Guan, Yucheng; Li, Baohong; Trivedi, Manoj; Kumar, Abhinav; Liu, Jianqiang	ACS OMEGA	JUN 2019	2019	4	6	10775	10783		<a href="https://doi.org/10.1021/acsomega.9b01008">https://doi.org/10.1021/acsomega.9b01008</a>	9	9	<b>19667</b>
Study of an interesting physical mechanism of memory effect in nematic liquid crystal dispersed with quantum dots	Rastogi, Ayushi; Agrahari, Kaushlendra; Pathak, Govind; Srivastava, Atul; Herman, Jakob; Manohar, Rajiv	LIQUID CRYSTALS	APR 9 2019	2019	46	5	725	735		<a href="https://doi.org/10.1080/02678290.2018.1523477">https://doi.org/10.1080/02678290.2018.1523477</a>	9	10	<b>19667.5</b>

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Structural, optical, and nuclear magnetic resonance studies of V2O5-doped lead calcium titanate borosilicate glasses	Das, Sangeeta; Madheshiya, Abhishek; Ghosh, Manasi; Dey, Krishna Kishor; Gautam, Satyam Shivam; Singh, Jai; Mishra, Ramanuj; Gautam, Chandkiram	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	MAR 2019	2019	126		17	26		<a href="https://doi.org/10.1016/j.jpics.2018.10.030">https://doi.org/10.1016/j.jpics.2018.10.030</a>	9		19662.5
Development of novel methods to predict the strength properties of thermally treated sandstone using statistical and soft-computing approach	Sirdesai, Nikhil Ninad; Singh, Alok; Sharma, Lakshmi Kant; Singh, Rajesh; Singh, T. N.	NEURAL COMPUTING & APPLICATIONS	JUL 2019	2019	31	7	2841	2867		<a href="https://doi.org/10.1007/s00521-017-3233-z">https://doi.org/10.1007/s00521-017-3233-z</a>	8	8	17549.5
Exploitation of reverse vaccinology and immunoinformatics as promising platform for genome-wide screening of new effective vaccine candidates against Plasmodium falciparum	Pritam, Manisha; Singh, Garima; Swaroop, Suchit; Singh, Akhilesh Kumar; Singh, Satarudra Prakash	BMC BIOINFORMATICS	FEB 4 2019	2019	19				468	<a href="https://doi.org/10.1186/s12859-018-2482-x">https://doi.org/10.1186/s12859-018-2482-x</a>	8	10	17550.5
A new mixed ligand based Cd(II) 2D coordination polymer with functional sites: Photoluminescence and photocatalytic properties	Cai, Shu-Lan; Lu, Lu; Wu, Wei-Ping; Wang, Jun; Sun, Yan-Chun; Ma, Ai-Qing; Singh, Amita; Kumar, Abhinav	INORGANICA CHIMICA ACTA	JAN 1 2019	2019	484		291	296		<a href="https://doi.org/10.1016/j.ica.2018.09.066">https://doi.org/10.1016/j.ica.2018.09.066</a>	8	7	17549
Role of Phytochemicals in Cancer Prevention	Ranjan, Alok; Ramachandran, Sharavan; Gupta, Nehal; Kaushik, Itishree; Wright, Stephen; Srivastava, Suyash; Das, Hiranmoy; Srivastava, Sangeeta; Prasad, Sahdeo; Srivastava, Sanjay K.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	OCT 2 2019	2019	20	20			4981	<a href="https://doi.org/10.3390/ijms20204981">https://doi.org/10.3390/ijms20204981</a>	7	9	15433
Synthesis, structural, optical and solid state NMR study of lead bismuth titanate borosilicate glasses	Madheshiya, Abhishek; Dey, Krishna Kishor; Ghosh, Manasi; Singh, Jai; Gautam, Chandkiram	JOURNAL OF NON-CRYSTALLINE SOLIDS	JAN 15 2019	2019	503		288	296		<a href="https://doi.org/10.1016/j.jnoncrysol.2018.10.009">https://doi.org/10.1016/j.jnoncrysol.2018.10.009</a>	7	8	15432.5

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3D interconnected architecture of h-BN reinforced ZrO <sub>2</sub> composites: Structural evolution and enhanced mechanical properties for bone implant applications	Gautam, Chandkiram; Gautam, Amarendra; Mishra, Vijay Kumar; Ahmad, Naseer; Trivedi, Ritu; Biradar, Santoshkumar	CERAMICS INTERNATIONAL	JAN 2019	2019	45	1	1037	1048		<a href="https://doi.org/10.1016/j.ceramt.2018.09.283">https://doi.org/10.1016/j.ceramt.2018.09.283</a>	7		15428.5
A new Zn(ii)-based 3D metal-organic framework with uncommon sev topology and its photocatalytic properties for the degradation of organic dyes	Pan, Ying; Ding, Qiongjie; Xu, Hongjia; Shi, Chunyue; Singh, Amita; Kumar, Abhinav; Liu, Jianqiang	CRYSTENGCOMM	AUG 21 2019	2019	21	31	4578	4585		<a href="https://doi.org/10.1039/c9ce00759h">https://doi.org/10.1039/c9ce00759h</a>	6		13311.5
Photocatalytic performances of two new Cd(II) and Zn(II)-based coordination polymers	Wang, Jun; Lu, Lu; He, Jiang-Rong; Wu, Wei-Ping; Gong, Chunhua; Fang, Liqing; Pan, Ying; Singh, Ashok Kumar; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	APR 15 2019	2019	1182		79	86		<a href="https://doi.org/10.1016/j.molstruc.2019.01.038">https://doi.org/10.1016/j.molstruc.2019.01.038</a>	6	4	13313.5
Synthesis, spectral analysis and study of antimicrobial activity of 2,5-diformyl-1H-pyrrole bis(methan-1-yl-1-ylidene)dimalonohydrazone	Rawat, Poonam; Singh, R. N.	ARABIAN JOURNAL OF CHEMISTRY	NOV 2019	2019	12	7	1219	1233		<a href="https://doi.org/10.1016/j.arabjc.2014.10.050">https://doi.org/10.1016/j.arabjc.2014.10.050</a>	5	15	11202
Virtual screening in drug-likeness and structure/activity relationship of pyridazine derivatives as Anti-Alzheimer drugs	Zerroug, Anfel; Belaidi, Salah; BenBrahim, Imane; Sinha, Leena; Chtita, Samir	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	OCT 2019	2019	31	4	595	601		<a href="https://doi.org/10.1016/j.jksus.2018.03.024">https://doi.org/10.1016/j.jksus.2018.03.024</a>	5	5	11197
Cure of human diabetic neuropathy by HPLC validated bark extract of Onosma echioides L. root	Shoaib, Ambreen; Dixit, Rakesh Kumar; Badruddeen; Rahman, Md. Azizur; Bagga, Paramdeep; Kaleem, Sarjeel; Siddiqui, Sahabjada; Arshad, Md.; Siddiqui, Hefazat Hussain	NATURAL PRODUCT RESEARCH	SEP 17 2019	2019	33	18	2699	2703		<a href="https://doi.org/10.1080/14786419.2018.1460838">https://doi.org/10.1080/14786419.2018.1460838</a>	5	4	11196.5
A 3D stable Mn(II) metal-organic framework based on a flexible tetracarboxylate precursor and its photocatalytic properties	Wang, Jun; Zhou, Dan; Wang, Guang-Li; Lu, Lu; Pan, Ying; Singh, Amita; Kumar, Abhinav	INORGANICA CHIMICA ACTA	JUN 24 2019	2019	492		186	191		<a href="https://doi.org/10.1016/j.ica.2019.04.020">https://doi.org/10.1016/j.ica.2019.04.020</a>	5	5	11197

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An insight into the mechanism of antifungal activity of biogenic nanoparticles than their chemical counterparts	Kumari, Madhuree; Giri, Ved P.; Pandey, Shipra; Kumar, Manoj; Katiyar, Ratna; Nautiyal, Chandra S.; Mishra, Aradhana	PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY	JUN 2019	2019	157		45	52		<a href="https://doi.org/10.1016/j.pestbp.2019.03.005">https://doi.org/10.1016/j.pestbp.2019.03.005</a>	5	5	11197
A New 3D 10-Connected Cd(II) Based MOF With Mixed Ligands: A Dual Photoluminescent Sensor for Nitroaromatics and Ferric Ion	Wang, Jun; Wu, Jian; Lu, Lu; Xu, Hongjia; Trivedi, Manoj; Kumar, Abhinav; Liu, Jianqiang; Zheng, Mingbin	FRONTIERS IN CHEMISTRY	APR 16 2019	2019	7				244	<a href="https://doi.org/10.3389/fchem.2019.00244">https://doi.org/10.3389/fchem.2019.00244</a>	5	9	11199
Fabrication and characterization of polyaniline, polyaniline/MgO(30%) and polyaniline/MgO(40%) nanocomposites for their employment in LPG sensing at room temperature	Singh, Neetu; Singh, Prabhat Kumar; Singh, Mridula; Tandon, Poonam; Singh, Saurabh Kumar; Singh, Satyendra	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	MAR 2019	2019	30	5	4487	4498		<a href="https://doi.org/10.1007/s10854-019-00737-y">https://doi.org/10.1007/s10854-019-00737-y</a>	5	4	11196.5
Four new luminescent-organic frameworks exhibiting highly sensing of nitroaromatics: An experimental and computational insight	Lu, Lu; Liu, Weicong; Wang, Jun; Zhong, Huarui; Liu, Jianqiang; Singh, Ashok Kumar; Kumar, Abhinav	INORGANICA CHIMICA ACTA	MAR 1 2019	2019	487		257	263		<a href="https://doi.org/10.1016/j.ica.2018.12.013">https://doi.org/10.1016/j.ica.2018.12.013</a>	5	6	11197.5
Pharmacophore-based virtual screening approach for identification of potent natural modulatory compounds of human Toll-like receptor 7	Gupta, Chhedi Lal; Khan, Mohd Babu; Ampasala, Dinakara Rao; Akhtar, Salman; Dwivedi, Upendra Nath; Bajpai, Preeti	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	DEC 12 2019	2019	37	18	4721	4736		<a href="https://doi.org/10.1080/07391102.2018.1559098">https://doi.org/10.1080/07391102.2018.1559098</a>	4	4	9079.5
Zn(II)-based metal-organic frameworks derived from dicarboxylate ligand and N-donor ligands as luminescent sensors for selective detection of picric acid	Wang, Jun; Pan, Ying; Lu, Lu; Xiong, Yi-Feng; Fang, Liqing; Luo, Wankun; Wu, Xiren; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	NOV 15 2019	2019	1196		194	200		<a href="https://doi.org/10.1016/j.molstruc.2019.06.043">https://doi.org/10.1016/j.molstruc.2019.06.043</a>	4	4	9079.5
Investigation of thermodynamical, dielectric and electro-optical parameters of nematic liquid crystal doped with polyaniline and silver nanoparticles	Vimal, Tripti; Agrahari, Kaushlendra; Sonker, Rakesh Kumar; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	SEP 15 2019	2019	290				UNSP 111241	<a href="https://doi.org/10.1016/j.molliq.2019.111241">https://doi.org/10.1016/j.molliq.2019.111241</a>	4	4	9079.5
Combined spectroscopic and quantum chemical approach to study the effect of hydrogen bonding interactions in ezetimibe	Prajapati, Preeti; Pandey, Jaya; Tandon, Poonam; Sinha, Kirti	SPECTROCHIMICA ACTA PART A- MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JAN 5 2019	2019	206		246	253		<a href="https://doi.org/10.1016/j.saa.2018.08.023">https://doi.org/10.1016/j.saa.2018.08.023</a>	4	6	9080.5

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PHOTOCATALYTIC DEGRADATION OF ORGANIC DYES BY INFINITE ONE DIMENSIONAL COORDINATION POLYMER BASED ON Zn(II) IN WATER	Wu, Wei-Ping; Ding, Qiongjie; Wu, Xi-Ren; Huang, Yi-Jia; Gong, Chunhua; Huang, Hui; Trivedi, Manoj; Kumar, Abhinav	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2019	2019	33	1	51	60		<a href="https://doi.org/10.4314/bcse.v33i1.5">https://doi.org/10.4314/bcse.v33i1.5</a>	4	3	9079
Preparation and photophysical properties of soft-nano composites comprising guest anatase TiO <sub>2</sub> nanoparticle and host hecates mesogens	Singh, D. P.; Agrahari, K.; Achalkumar, A. S.; Yelamaggad, C., V; Manohar, R.; Depriester, M.	JOURNAL OF LUMINESCENCE	JAN 2019	2019	205		304	309		<a href="https://doi.org/10.1016/j.jlumin.2018.09.035">https://doi.org/10.1016/j.jlumin.2018.09.035</a>	4		9077.5
Synthesis and study on aroylhydrazones having cyanovinylpyrrole	Rawat, Poonam; Singh, R. N.	ARABIAN JOURNAL OF CHEMISTRY	DEC 2019	2019	12	8	2384	2397		<a href="https://doi.org/10.1016/j.arabjc.2015.03.001">https://doi.org/10.1016/j.arabjc.2015.03.001</a>	3	6	6963.5
Syntheses and photocatalytic properties of three new d(10)-based coordination polymers: effects of metal centres and ancillary ligands	Yuan, Fei; Yuan, Chun-Mei; Zhou, Chun-Sheng; Qiao, Cheng-Fang; Lu, Lu; Ma, Ai-Qing; Singh, Ayushi; Kumar, Abhinav	CRYSTENGCOMM	NOV 21 2019	2019	21	43	6558	6565		<a href="https://doi.org/10.1039/c9ce01325c">https://doi.org/10.1039/c9ce01325c</a>	3		6960.5
Plant triterpenoid saponins: biosynthesis, in vitro production, and pharmacological relevance	Biswas, Tanya; Dwivedi, Upendra N.	PROTOPLASMA	NOV 2019	2019	256	6	1463	1486		<a href="https://doi.org/10.1007/s00709-019-01411-0">https://doi.org/10.1007/s00709-019-01411-0</a>	3	3	6962
Structural transition and tunable optical, morphological and magnetic properties of Mn-doped BiFeO <sub>3</sub> films	Awasthi, R. R.; Das, B.	OPTIK	OCT 2019	2019	194				162973	<a href="https://doi.org/10.1016/j.jlleo.2019.162973">https://doi.org/10.1016/j.jlleo.2019.162973</a>	3		6960.5
Facile synthesis of CuFe <sub>2</sub> O <sub>4</sub> doped polyacrylic acid hydrogel nanocomposite and its application in dye degradation	Kannaujia, Rekha; Prasad, Vivek; Sapna; Rawat, Pooja; Rawat, Varun; Thakur, Anuj; Majumdar, Sudip; Verma, Monu; Rao, Gyandeshwar K.; Gupta, Anek P.; Kumar, Harsh; Srivastava, Chandra Mohan	MATERIALS LETTERS	OCT 1 2019	2019	252		198	201		<a href="https://doi.org/10.1016/j.matlet.2019.05.094">https://doi.org/10.1016/j.matlet.2019.05.094</a>	3		6960.5

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Exploiting new 3D Cu(I)-based metal-organic framework as fluorescent sensor for nitroaromatics: An integrated experimental and computational investigation	Jiang, Lin; Wang, Jun; Gong, Chunhua; Li, Caiping; Lu, Lu; Li, Hong; Singh, Ayushi; Kumar, Abhinav; Ma, Aiqing	INORGANIC CHEMISTRY COMMUNICATIONS	AUG 2019	2019	106		18	21		<a href="https://doi.org/10.1016/j.inoche.2019.05.022">https://doi.org/10.1016/j.inoche.2019.05.022</a>	3	3	<b>6962</b>
Faster response and lesser threshold voltage of strontium hardystonite (Sr-HT) nematic liquid crystal: Photoluminescence and optical study	Misra, Abhishek Kumar; Singh, Bhupendra Pratap; Chandraker, Sitieshwari; Pandey, Kamal Kumar; Tripathi, Pankaj Kumar; Saluja, Jagjeet Kaur; Manohar, Rajiv	OPTICAL MATERIALS	JUL 2019	2019	93		19	24		<a href="https://doi.org/10.1016/j.optmat.2019.04.066">https://doi.org/10.1016/j.optmat.2019.04.066</a>	3	3	<b>6962</b>
Vetiver grass is a potential candidate for phytoremediation of iron ore mine spoil dumps	Banerjee, Ritesh; Goswami, Priya; Lavania, Seshu; Mukherjee, Anita; Lavania, Umesh Chandra	ECOLOGICAL ENGINEERING	JUL 2019	2019	132		120	136		<a href="https://doi.org/10.1016/j.ecoleng.2018.10.012">https://doi.org/10.1016/j.ecoleng.2018.10.012</a>	3	3	<b>6962</b>
Study of molecular structure and hydrogen bond interactions in dipfluzine-benzoic acid (DIP-BEN) cocrystal using spectroscopic and quantum chemical method	Srivastava, Karnica; Tandon, Poonam; Sinha, Kirti; Srivastava, Anubha; Wang, Jing	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JUN 5 2019	2019	216		7	14		<a href="https://doi.org/10.1016/j.saa.2019.01.092">https://doi.org/10.1016/j.saa.2019.01.092</a>	3	4	<b>6962.5</b>
Mapping human health risk by geostatistical method: a case study of mercury in drinking groundwater resource of the central ganga alluvial plain, northern India	Raju, Ashwani; Singh, Anjali; Srivastava, Nupur; Singh, Sandeep; Jigyasu, Dharmendra Kumar; Singh, Munendra	ENVIRONMENTAL MONITORING AND ASSESSMENT	JUN 2019	2019	191				298	<a href="https://doi.org/10.1007/s10661-019-7427-y">https://doi.org/10.1007/s10661-019-7427-y</a>	3	3	<b>6962</b>
Troponin 1 of human filarial parasite Brugia malayi: cDNA cloning, expression, purification, and its immunoprophylactic potential	Kushwaha, Vikas; Tewari, Prachi; Mandal, Payal; Tripathi, Anurag; Murthy, P. Kalpana	PARASITOLOGY RESEARCH	JUN 2019	2019	118	6	1849	1863		<a href="https://doi.org/10.1007/s00436-019-06316-8">https://doi.org/10.1007/s00436-019-06316-8</a>	3	2	<b>6961.5</b>
Dielectric properties and activation energies of Cu: ZnO dispersed nematic mesogen N-(4-methoxybenzylidene)-4-butylaniline liquid crystal	Misra, Abhishek Kumar; Tripathi, Pankaj Kumar; Pandey, Kamal Kumar; Singh, Bhupendra Pratap; Manohar, Rajiv	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY		2019						<a href="https://doi.org/10.1080/01932691.2019.1617164">https://doi.org/10.1080/01932691.2019.1617164</a>	3	4	<b>6962.5</b>

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A theoretical study on molecular structure, chemical reactivity and molecular docking studies on dalbergin and methylaldalbergin	Shweta; Khan, Eram; Tandon, Poonam; Maurya, Rakesh; Kumar, Padam	JOURNAL OF MOLECULAR STRUCTURE	MAY 5 2019	2019	1183		100	106		<a href="https://doi.org/10.1016/j.molstruc.2019.01.065">https://doi.org/10.1016/j.molstruc.2019.01.065</a>	3	4	<b>6962.5</b>
Evaluating the potential of combined inoculation of Trichoderma harzianum and Brevibacterium halotolerans for increased growth and oil yield in Mentha arvensis under greenhouse and field conditions	Singh, Suman; Tripathi, Arpita; Maji, Deepamala; Awasthi, Ashutosh; Vajpayee, Poornima; Kalra, Alok	INDUSTRIAL CROPS AND PRODUCTS	MAY 2019	2019	131		173	181		<a href="https://doi.org/10.1016/j.indcrop.2019.01.039">https://doi.org/10.1016/j.indcrop.2019.01.039</a>	3	5	<b>6963</b>
Investigation of dielectric and electro-optical properties of nematic liquid crystal with the suspension of biowaste-based porous carbon nanoparticles	Singh, Bhupendra Pratap; Pathak, Govind; Roy, Aradhana; Hegde, Gurumurthy; Tripathi, Pankaj Kumar; Srivastava, Atul; Manohar, Rajiv	LIQUID CRYSTALS	SEP 26 2019	2019	46	12	1808	1820		<a href="https://doi.org/10.1080/02678292.2019.1606354">https://doi.org/10.1080/02678292.2019.1606354</a>	3	3	<b>6962</b>
A review on positive and negative impacts of nanotechnology in agriculture	Kumar, A.; Gupta, K.; Dixit, S.; Mishra, K.; Srivastava, S.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	APR 2019	2019	16	4	2175	2184		<a href="https://doi.org/10.1007/s13762-018-2119-7">https://doi.org/10.1007/s13762-018-2119-7</a>	3	5	<b>6963</b>
Characterizing the hypertolerance potential of two indigenous bacterial strains (Bacillus flexus and Acinetobacter junii) and their efficacy in arsenic bioremediation	Marwa, N.; Singh, N.; Srivastava, S.; Saxena, G.; Pandey, V.	JOURNAL OF APPLIED MICROBIOLOGY	APR 2019	2019	126	4	1117	1127		<a href="https://doi.org/10.1111/jam.14179">https://doi.org/10.1111/jam.14179</a>	3	4	<b>6962.5</b>
Effect of graphene oxide dispersion in nematic mesogen and their characterization results	Rastogi, Ayushi; Manohar, Rajiv	APPLIED PHYSICS A- MATERIALS SCIENCE & PROCESSING	MAR 2019	2019	125	3			192	<a href="https://doi.org/10.1007/s00339-019-2493-0">https://doi.org/10.1007/s00339-019-2493-0</a>	3	3	<b>6962</b>
Vegetation, climate and culture in Central Ganga plain, India: A multi-proxy record for Last Glacial Maximum	Trivedi, Anjali; Saxena, Anju; Chauhan, M. S.; Sharma, Anupam; Farooqui, Anjum; Nautiyal, C. M.; Yao, Yi-Feng; Wang, Yu-Fei; Li, Cheng-Sen; Tiwari, D. P.	QUATERNARY INTERNATIONAL	FEB 25 2019	2019	507		134	147		<a href="https://doi.org/10.1016/j.quaint.2019.02.019">https://doi.org/10.1016/j.quaint.2019.02.019</a>	3	3	<b>6962</b>

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Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations WoS	Citations Scopus	CITATION INDEX
SiO <sub>2</sub> nanoparticles doped nematic liquid crystal system: An experimental investigation on optical and dielectric properties	Yadav, Geeta; Kumar, Mahendra; Srivastava, Atul; Manohar, Rajiv	CHINESE JOURNAL OF PHYSICS	FEB 2019	2019	57		82	89		<a href="https://doi.org/10.1016/j.cjph.2018.12.008">https://doi.org/10.1016/j.cjph.2018.12.008</a>	3		6960.5
Synthesis of Highly Functionalized Spirobutenolides via a Nitroalkane-Mediated Ring Contraction of 2-Oxobenzo[h]chromenes through Denitration	Elagamy, Amr; Shaw, Ranjay; Panwar, Rahul; Shally; Ram, Vishnu Ji; Pratap, Ramendra	JOURNAL OF ORGANIC CHEMISTRY	FEB 1 2019	2019	84	3	1154	1161		<a href="https://doi.org/10.1021/acs.joc.8b0225">https://doi.org/10.1021/acs.joc.8b0225</a>	3		6960.5
Structural reactivity analyses of a neoflavonoid 4-methoxydalbergione using vibrational spectroscopy and quantum chemical calculations	Shweta; Khan, Eram; Prajapati, Preeti; Tandon, Poonam; Bharti, Purnima; Kumar, Padam; Maurya, Rakesh	JOURNAL OF MOLECULAR STRUCTURE	JAN 5 2019	2019	1175		28	38		<a href="https://doi.org/10.1016/j.molstruc.2018.07.075">https://doi.org/10.1016/j.molstruc.2018.07.075</a>	3	2	6961.5
Design of Metal-Organic Frameworks for pH-Responsive Drug Delivery Application	Shen, Xin; Pan, Ying; Sun, Zhihao; Liu, Dong; Xu, Hongjia; Yu, Qian; Trivedi, Manoj; Kumar, Abhinav; Chen, Jinxiang; Liu, Jianqiang	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2019	2019	19	20	1644	1665		<a href="https://doi.org/10.2174/1389557519666190722164247">https://doi.org/10.2174/1389557519666190722164247</a>	3	4	6962.5
INDUCTION OF APOPTOSIS BY PIPERINE IN HUMAN CERVICAL ADENOCARCINOMA VIA ROS MEDIATED MITOCHONDRIAL PATHWAY AND CASPASE-3 ACTIVATION	Jafri, Asif; Siddiqui, Sahabjada; Rais, Juhi; Ahmad, Md Sultan; Kumar, Sudhir; Jafar, Tabrez; Afzal, Mohammad; Arshad, Md	EXCLI JOURNAL	2019	2019	18		154	164		<a href="https://doi.org/10.17179/excli2018-1928">https://doi.org/10.17179/excli2018-1928</a>	3	4	6962.5
APPLICATION OF A WATER STABLE ZINC(II) GLUTAMATE METAL ORGANIC FRAMEWORK FOR PHOTOCATALYTIC DEGRADATION OF ORGANIC DYES	Wu, Wei-Ping; Liu, Wei-Cong; Qiu, Shuo-Wen; Ma, Ai-Qing; Dai, Wei; Qian, Yu; Kumar, Abhinav	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2019	2019	33	1	43	50		<a href="https://doi.org/10.4314/bcse.v33i1.4">https://doi.org/10.4314/bcse.v33i1.4</a>	3	2	6961.5
Prediction of declining solar activity trends during solar cycles 25 and 26 and indication of other solar minimum	Singh, A. K.; Bhargawa, Asheesh	ASTROPHYSICS AND SPACE SCIENCE	JAN 2019	2019	364	1			12	<a href="https://doi.org/10.1007/s10509-019-3500-9">https://doi.org/10.1007/s10509-019-3500-9</a>	3	4	6962.5

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Evaluation of pyrrole-2,3-dicarboxylate derivatives: Synthesis, DFT analysis, molecular docking, virtual screening and in vitro anti-hepatic cancer study	Azad, Iqbal; Jafri, Asif; Khan, Tahmeena; Akhter, Yusuf; Arshad, Md; Hassan, Firoj; Ahmad, Naseem; Khan, Abdul Rahman; Nasibullah, Malik	JOURNAL OF MOLECULAR STRUCTURE	JAN 2019	2019	1176		314	334		<a href="https://doi.org/10.1016/j.molstruc.2018.08.049">https://doi.org/10.1016/j.molstruc.2018.08.049</a>	3	5	<b>6963</b>
Dielectric and electro-optical properties of zinc ferrite nanoparticles dispersed nematic liquid crystal 4'-Heptyl-4-biphenylcarbonitrile	Pandey, Fanindra Pati; Rastogi, Ayushi; Manohar, Rajiv; Dhar, Ravindra; Singh, Shri	LIQUID CRYSTALS	MAY 27 2020	2020	47	7	1025	1040		<a href="https://doi.org/10.1080/02678292.2019.1701111">https://doi.org/10.1080/02678292.2019.1701111</a>	2		<b>4843.5</b>
Effect of gold nanoparticles on intrinsic material parameters and luminescent characteristics of nematic liquid crystals	Roy, Aradhana; Singh, Bhupendra Pratap; Yadav, Geeta; Khan, Hiba; Kumar, Sandeep; Srivastava, Atul; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	DEC 1 2019	2019	295				111872	<a href="https://doi.org/10.1016/j.molliq.2019.111872">https://doi.org/10.1016/j.molliq.2019.111872</a>	2		<b>4843.5</b>
On Quasi-bi-slant Submersions	Prasad, Rajendra; Shukla, S. S.; Kumar, Sushil	MEDITERRANEAN JOURNAL OF MATHEMATICS	DEC 2019	2019	16	6			155	<a href="https://doi.org/10.1007/s00009-019-1434-7">https://doi.org/10.1007/s00009-019-1434-7</a>	2	1	<b>4844</b>

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Convolvulus plant-A comprehensive review from phytochemical composition to pharmacy	Salehi, Bahare; Krochmal-Marczak, Barbara; Skiba, Dominika; Patra, Jayanta Kumar; Das, Swagat Kumar; Das, Gitishree; Popovic-Djordjevic, Jelena B.; Kostic, Aleksandar Z.; Kumar, Nanjangud V. Anil; Tripathi, Ayushi; Al-Snafi, Ali Esmail; Arserim-Ucar, Dilhun Keriman; Konovalov, Dmitry Alekseevich; Csupor, Dezso; Shukla, Ila; Azmi, Lubna; Mishra, Abhay Prakash; Sharifi-Rad, Javad; Sawicka, Barbara; Martins, Natalia; Taheri, Yasaman; Fokou, Patrick Valere Tsouh; Capasso, Raffaele; Martorell, Miquel	PHYTOTHERAPY RESEARCH	FEB 2020	2020	34	2	315	328		<a href="https://doi.org/10.1002/ptr.6540">https://doi.org/10.1002/ptr.6540</a>	2		4843.5
Genome based screening of epitope ensemble vaccine candidates against dreadful visceral leishmaniasis using immunoinformatics approach	Singh, Garima; Pritam, Manisha; Banerjee, Monisha; Singh, Akhilesh Kumar; Singh, Satarudra Prakash	MICROBIAL PATHOGENESIS	NOV 2019	2019	136				UNSP 103704	<a href="https://doi.org/10.1016/j.micpath.2019.103704">https://doi.org/10.1016/j.micpath.2019.103704</a>	2	4	4845.5
Large vertical hysteretic shift and signature of exchange bias in BiFeO3/SrRuO3 heterostructure	Singh, Anar; Chen, Jingsheng	CERAMICS INTERNATIONAL	NOV 2019	2019	45	16	20465	20469		<a href="https://doi.org/10.1016/j.ceramint.2019.07.024">https://doi.org/10.1016/j.ceramint.2019.07.024</a>	2		4843.5
Application of ultra-thin indium-tin-oxide film in liquid crystal lens	Hsu, Che Ju; Agrahari, Kaushlendra; Selvaraj, Pravinraj; Chiang, Wei Fan; Huang, Chia Yi; Manohar, Rajiv; Huang, Chi Yen	OPTICS AND LASER TECHNOLOGY	NOV 2019	2019	119				105603	<a href="https://doi.org/10.1016/j.optlastec.2019.105603">https://doi.org/10.1016/j.optlastec.2019.105603</a>	2		4843.5

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Nitrofurantoin-melamine monohydrate (cocrystal hydrate): Probing the role of H-bonding on the structure and properties using quantum chemical calculations and vibrational spectroscopy	Khan, Eram; Shukla, Anuradha; Jhariya, Aditya N.; Tandon, Poonam; Vangala, Venu R.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	OCT 5 2019	2019	221				UNSP 117170	<a href="https://doi.org/10.1016/j.saa.2019.117170">https://doi.org/10.1016/j.saa.2019.117170</a>	2	2	<b>4844.5</b>
A protective study of curcumin associated with Cr6+ induced oxidative stress, genetic damage, transcription of genes related to apoptosis and histopathology of fish, Channa punctatus (Bloch, 1793)	Awasthi, Yashika; Ratn, Arun; Prasad, Rajesh; Kumar, Manoj; Trivedi, Abha; Shukla, J. P.; Trivedi, Sunil P.	ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY	OCT 2019	2019	71				UNSP 103209	<a href="https://doi.org/10.1016/j.etap.2019.103209">https://doi.org/10.1016/j.etap.2019.103209</a>	2		<b>4843.5</b>
Syntheses and crystal structures of new dinuclear lanthanide complexes based on 3-(4-hydroxyphenyl)propanoic acid: Hirshfeld surface analyses and photoluminescence sensing	He, Jiangrong; Wang, Jun; Xu, Qiuxia; Wu, Xiren; Dutta, Archisman; Kumar, Abhinav; Muddassir, Mohd; Alowais, Ahmad; Abduh, Naaser A. Y.	NEW JOURNAL OF CHEMISTRY	SEP 14 2019	2019	43	34	13499	13508		<a href="https://doi.org/10.1039/c9nj02213a">https://doi.org/10.1039/c9nj02213a</a>	2	2	<b>4844.5</b>
Nitrogen donor ligand for capping ZnS quantum dots: a quantum chemical and toxicological insight	Pandey, Vivek; Tripathi, Vinay Kumar; Singh, Keshav Kumar; Bhatia, Tejasvi; Upadhyay, Nitesh Kumar; Goyal, Bela; Pandey, Gajanan; Hwang, Inho; Tandon, Poonam	RSC ADVANCES	SEP 12 2019	2019	9	49	28510	28524		<a href="https://doi.org/10.1039/c9ra05651c">https://doi.org/10.1039/c9ra05651c</a>	2	2	<b>4844.5</b>
Genotypic analysis of XRCC4 and susceptibility to cervical cancer	Gupta, M. K.; Kushwah, A. S.; Singh, R.; Banerjee, M.	BRITISH JOURNAL OF BIOMEDICAL SCIENCE	JAN 2 2020	2020	77	1	7	12		<a href="https://doi.org/10.1080/09674845.2019.1637573">https://doi.org/10.1080/09674845.2019.1637573</a>	2	1	<b>4844</b>
Structural and Reactivity Analyses of Nitrofurantoin-4-dimethylaminopyridine Salt Using Spectroscopic and Density Functional Theory Calculations	Khan, Eram; Shukla, Anuradha; Srivastava, Karnica; Gangopadhyay, Debraj; Assi, Khaled H.; Tandon, Poonam; Vangala, Venu R.	CRYSTALS	AUG 2019	2019	9	8			413	<a href="https://doi.org/10.3390/cryst9080413">https://doi.org/10.3390/cryst9080413</a>	2		<b>4843.5</b>

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Regulation of HDAC1 and HDAC2 during consolidation and extinction of fear memory	Siddiqui, Sarfraj Ahmad; Singh, Sanjay; Ugale, Rajesh; Ranjan, Vandana; Kanojia, Rohit; Saha, Sudipta; Tripathy, Sukanya; Kumar, Shiv; Mehrotra, Sudhir; Modi, Dinesh Raj; Prakash, Anand	BRAIN RESEARCH BULLETIN	AUG 2019	2019	150		86	101		<a href="https://doi.org/10.1016/j.brainresbull.2019.05.011">https://doi.org/10.1016/j.brainresbull.2019.05.011</a>	2	2	<b>4844.5</b>
Kinetic and mechanistic analysis of ligand substitution of aquapentacyanoruthenate(II) in SDS medium by 4,4' bipyridine	Rastogi, Richa; Srivastava, Abhishek; Naik, R. M.	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	JUN 6 2020	2020	41	7	1045	1050		<a href="https://doi.org/10.1080/01932691.2019.1614042">https://doi.org/10.1080/01932691.2019.1614042</a>	2		<b>4843.5</b>
Post-stroke Visual Gait Measure for Developing Countries: A Reliability and Validity Study	Arya, Kamal Narayan; Pandian, Shanta; Kumar, Vikas; Agarwal, G. G.; Asthana, Akash	NEUROLOGY INDIA	JUL-AUG 2019	2019	67	4	1033	1040		<a href="https://doi.org/10.4103/0028-3886.266273">https://doi.org/10.4103/0028-3886.266273</a>	2	2	<b>4844.5</b>
Atmospheric Muon Charge Ratio Analysis at the INO-ICAL Detector	Singh, Jaydip; Singh, Jyotsna	ADVANCES IN HIGH ENERGY PHYSICS	JUL 1 2019	2019	2019				1E+07	<a href="https://doi.org/10.1155/2019/9585234">https://doi.org/10.1155/2019/9585234</a>	2		<b>4843.5</b>
The nitric oxide suppressed Arabidopsis mutants-Atnoa1 and Atnia1nia2noa1-2 produce nitric oxide in MS growth medium and on uranium exposure	Tewari, Rajesh Kumar; Horemans, Nele; Nauts, Robin; Wannijn, Jean; Van Hees, May; Vandenhove, Hildegard	PLANT PHYSIOLOGY AND BIOCHEMISTRY	JUL 2019	2019	140		9	17		<a href="https://doi.org/10.1016/j.plaphy.2019.04.042">https://doi.org/10.1016/j.plaphy.2019.04.042</a>	2		<b>4843.5</b>
Plasmonic resonance instigated enhanced photoluminescence in quantum dot dispersed nematic liquid crystal	Roy, Aradhana; Agrahari, Kaushlendra; Srivastava, Atul; Manohar, Rajiv	LIQUID CRYSTALS	JUN 21 2019	2019	46	8	1224	1230		<a href="https://doi.org/10.1080/02678292.2018.1549283">https://doi.org/10.1080/02678292.2018.1549283</a>	2	3	<b>4845</b>
Experimental and theoretical DFT (B3LYP, X3LYP, CAM-B3LYP and M06-2X) study on electronic structure, spectral features, hydrogen bonding and solvent effects of 4-methylthiadiazole-5-carboxylic acid	Singh, Isha; El-Emam, Ali A.; Pathak, Shilendra K.; Srivastava, Ruchi; Shukla, Vikas K.; Prasad, Onkar; Sinha, Leena	MOLECULAR SIMULATION	SEP 2 2019	2019	45	13	1029	1043		<a href="https://doi.org/10.1080/08927022.2019.1629434">https://doi.org/10.1080/08927022.2019.1629434</a>	2	3	<b>4845</b>

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Interaction of antioxidant gene variants and susceptibility to type 2 diabetes mellitus	Banerjee, M.; Vats, P.; Kushwah, As; Srivastava, N.	BRITISH JOURNAL OF BIOMEDICAL SCIENCE	OCT 2 2019	2019	76	4	166	171		<a href="https://doi.org/10.1080/09674845.2019.1595869">https://doi.org/10.1080/09674845.2019.1595869</a>	2	3	<b>4845</b>
Photocatalytic properties and luminescent sensing of a new 2D layer coordination polymer	Wang, Jun; Dong, Meng-Wei; Liu, Dong; Lu, Lu; Wu, Xiren; Dutta, Archisman; Kumar, Abhinav	SUPRAMOLECULAR CHEMISTRY	MAY 4 2019	2019	31	5	361	368		<a href="https://doi.org/10.1080/10610278.2019.1592173">https://doi.org/10.1080/10610278.2019.1592173</a>	2	2	<b>4844.5</b>
Effect of molar concentration on structural, magnetic domain and optical properties of BiFeO3 thin films	Awasthi, R. R.; Asokan, K.; Das, B.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	MAY 2019	2019	125	5			338	<a href="https://doi.org/10.1007/s00339-019-2560-6">https://doi.org/10.1007/s00339-019-2560-6</a>	2		<b>4843.5</b>
Molecular Docking and Comparative Vibrational Spectroscopic Analysis, HOMO-LUMO, Polarizabilities, and Hyperpolarizabilities of N-(4-Bromophenyl)-4-Nitrobenzamide by Different DFT (B3LYP, B3PW91, and MPW1PW91) Methods	Dwivedi, Apoorva; Kumar, Abhishek	POLYCYCLIC AROMATIC COMPOUNDS		2019						<a href="https://doi.org/10.1080/10406638.2019.1591466">https://doi.org/10.1080/10406638.2019.1591466</a>	2	2	<b>4844.5</b>
Fabrication of Graphene Nanoplatelet-Incorporated Porous Hydroxyapatite Composites: Improved Mechanical and in Vivo Imaging Performances for Emerging Biomedical Applications	Kumar, Sunil; Gautam, Chandkiram; Mishra, Vijay Kumar; Chauhan, Brijesh Singh; Srikrishna, Saripella; Yadav, Ram Sagar; Trivedi, Ritu; Rai, Shyam Bahadur	ACS OMEGA	APR 2019	2019	4	4	7448	7458		<a href="https://doi.org/10.1021/acsomega.8b03473">https://doi.org/10.1021/acsomega.8b03473</a>	2	3	<b>4845</b>
The effect of high intensity ultrasound (HIU) on the kinetics of crystallization of sucrose: Elimination of latent period	Singh, Kaman; Gupta, Satya Prakash; Kumar, Ashok; Kumar, Ajay	ULTRASONICS SONOCHEMISTRY	APR 2019	2019	52		19	24		<a href="https://doi.org/10.1016/j.ultrsonch.2018.05.030">https://doi.org/10.1016/j.ultrsonch.2018.05.030</a>	2		<b>4843.5</b>
Ferrocenylethenyl-substituted oxadiazoles with phenolic and nitro anchors as sensitizers in dye sensitized solar cells	Singh, Amita; Kociok-Kohn, Gabriele; Trivedi, Manoj; Chauhan, Ratna; Kumar, Abhinav; Gosavi, Suresh W.; Terashima, Chiaki; Fujishima, Akira	NEW JOURNAL OF CHEMISTRY	MAR 28 2019	2019	43	12	4745	4756		<a href="https://doi.org/10.1039/c8nj06242k">https://doi.org/10.1039/c8nj06242k</a>	2	2	<b>4844.5</b>

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Greener approach for synthesis of novel steroidal prodrugs using ionic liquid, their DFT study and apoptosis activity in prostate cancer cell line	Sethi, Arun; Singh, Praveer; Yadav, Neera; Yadav, Priyanka; Banerjee, Monisha; Singh, Ranvijay Pratap	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2019	2019	1180		733	740		<a href="https://doi.org/10.1016/j.molstruc.2018.12.009">https://doi.org/10.1016/j.molstruc.2018.12.009</a>	2	2	<b>4844.5</b>
Evolution of Anisotropy, First Order Hyperpolarizability and Electronic Parameters in p-Alkyl-p'-Cynobiphenyl Series of Liquid Crystals: Odd-Even Effect Revisited	Kumar, Abhishek; Srivastava, Ambrish Kumar; Tiwari, Sugriva Nath; Misra, Neeraj; Sharma, Dipendra	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	MAR 4 2019	2019	681	1	23	31		<a href="https://doi.org/10.1080/15421406.2019.1641987">https://doi.org/10.1080/15421406.2019.1641987</a>	2		<b>4843.5</b>
RNAi of Sterol Methyl Transferase1 Reveals its Direct Role in Diverting Intermediates Towards Withanolide/Phytosterol Biosynthesis in Withania somnifera	Pal, Shaifali; Rastogi, Shubhra; Nagegowda, Dinesh A.; Gupta, Madan Mohan; Shasany, Ajit Kumar; Chanotiya, Chandan Singh	PLANT AND CELL PHYSIOLOGY	MAR 2019	2019	60	3	672	686		<a href="https://doi.org/10.1093/pccp/pcy237">https://doi.org/10.1093/pccp/pcy237</a>	2	2	<b>4844.5</b>
Improved dielectric and electro-optical parameters of nematic liquid crystal doped with magnetic nanoparticles	Yadav, Geeta; Pathak, Govind; Agrahari, Kaushlendra; Kumar, Mahendra; Khan, Mohd Sajid; Chandel, V. S.; Manohaf, Rajiv	CHINESE PHYSICS B	MAR 2019	2019	28	3			34209	<a href="https://doi.org/10.1088/1674-1056/28/3/034209">https://doi.org/10.1088/1674-1056/28/3/034209</a>	2	2	<b>4844.5</b>
Electrical characteristics of PbO-CaO-TiO2-SiO2-B2O3 glass ceramics doped with germanium	Das, Sangeeta; Madheshiya, Abhishek; Gautam, Satyam Shivam; Gautam, Chandkiram; Tripathy, Diptimayee	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	FEB 2019	2019	30	3	2431	2441		<a href="https://doi.org/10.1007/s10854-018-0516-9">https://doi.org/10.1007/s10854-018-0516-9</a>	2		<b>4843.5</b>
On the basic hypergeometric matrix functions of two variables	Dwivedi, Ravi; Sahai, Vivek	LINEAR & MULTILINEAR ALGEBRA	JAN 2 2019	2019	67	1	1	19		<a href="https://doi.org/10.1080/03081087.2017.1406893">https://doi.org/10.1080/03081087.2017.1406893</a>	2	2	<b>4844.5</b>
Protein Misfolding Diseases and Therapeutic Approaches	Yadav, Kusum; Yadav, Anurag; Vashistha, Priyanka; Pandey, Veda P.; Dwivedi, Upendra N.	CURRENT PROTEIN & PEPTIDE SCIENCE	2019	2019	20	12	1226	1245		<a href="https://doi.org/10.2174/1389203720666190610092840">https://doi.org/10.2174/1389203720666190610092840</a>	2	2	<b>4844.5</b>

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Constraining the Effective Mass of Majorana Neutrino with Sterile Neutrino Mass for Inverted Ordering Spectrum	Singh, Jaydip	ADVANCES IN HIGH ENERGY PHYSICS	2019	2019	2019				5E+06	<a href="https://doi.org/10.1155/2019/4863620">https://doi.org/10.1155/2019/4863620</a>	2	2	<b>4844.5</b>
Quantum chemical and molecular docking studies on two potential hepatitis C virus inhibitors	Tiwaria, Gargi; Srivastava, Ambrish Kumar; Kumar, Ratnesh; Kumar, Abhishek	MAIN GROUP CHEMISTRY	2019	2019	18	2	107	121		<a href="https://doi.org/10.3233/MGC-180699">https://doi.org/10.3233/MGC-180699</a>	2		<b>4843.5</b>
Development and evaluation of doxorubicin self nanoemulsifying drug delivery system with Nigella Sativa oil against human hepatocellular carcinoma	Usmani, Afreen; Mishra, Anuradha; Arshad, Md; Jafri, Asif	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2019	2019	47	1	933	944		<a href="https://doi.org/10.1080/21691401.2019.1581791">https://doi.org/10.1080/21691401.2019.1581791</a>	2	3	<b>4845</b>
Repercussions of solar high energy protons on ozone layer during super storms	Bhargawa, Asheesh; Yakub, Mohd; Singh, Ashok Kumar	RESEARCH IN ASTRONOMY AND ASTROPHYSICS	JAN 2019	2019	19	1			2	<a href="https://doi.org/10.1088/1674-4527/19/1/2">https://doi.org/10.1088/1674-4527/19/1/2</a>	2	1	<b>4844</b>
Synthesis and structural investigations of microporous graphene-reinforced h-BN solids for LPG sensing applications	Gautam, Amarendra; Gautam, Chandkiram; Kumar, Utkarsh; Yadav, Bal Chandra	MATERIALS RESEARCH EXPRESS	DEC 2019	2019	6	12			125090	<a href="https://doi.org/10.1088/2053-1591/ab5c6c">https://doi.org/10.1088/2053-1591/ab5c6c</a>	1	1	<b>2727</b>
Certain Ma-Minda type classes of analytic functions associated with the crescent-shaped region	Sharma, Poonam; Raina, Ravinder Krishna; Sokol, Janusz	ANALYSIS AND MATHEMATICAL PHYSICS	DEC 2019	2019	9	4	1887	1903		<a href="https://doi.org/10.1007/s13324-019-00285-y">https://doi.org/10.1007/s13324-019-00285-y</a>	1		<b>2726.5</b>
Intervention of bio-protective endophyte Bacillus tequilensis enhance physiological strength of tomato during Fusarium wilt infection	Bhattacharya, Arpita; Giri, Ved Prakash; Singh, Satyendra Pratap; Pandey, Shipra; Chauhan, Priyanka; Soni, Sumit Kumar; Srivastava, Suchi; Singh, Poonam C.; Mishra, Aradhana	BIOLOGICAL CONTROL	DEC 2019	2019	139				UNSP 104074	<a href="https://doi.org/10.1016/j.biocontrol.2019.104074">https://doi.org/10.1016/j.biocontrol.2019.104074</a>	1	1	<b>2727</b>

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Ferroelectric liquid crystal mixture dispersed with tin oxide nanoparticles: Study of morphology, thermal, dielectric and optical properties	Agrahari, Kaushlendra; Vimal, Tripti; Rastogi, Ayushi; Pandey, Kamal Kumar; Gupta, Sushant; Kurp, Katarzyna; Manohar, Rajiv	MATERIALS CHEMISTRY AND PHYSICS	NOV 1 2019	2019	237				UNSP 121851	<a href="https://doi.org/10.1016/j.matchemphys.2019.121851">https://doi.org/10.1016/j.matchemphys.2019.121851</a>	1	1	2727
Patient-experience during delivery in public health facilities in Uttar Pradesh, India	Montagu, Dominic; Ladrian, Amanda; Kumar, Vishwajeet; Phillips, Beth S.; Singhal, Shreya; Mishra, Shambhavi; Singh, Shambhavi; Cotter, Sun Yu; Singh, Vinay Pritpal; Kajal, Fnu; Sudhinaraset, May	HEALTH POLICY AND PLANNING	OCT 2019	2019	34	8	574	581		<a href="https://doi.org/10.1093/heapol/czz067">https://doi.org/10.1093/heapol/czz067</a>	1		2726.5
An effective antioxidant defense provides protection against zinc deficiency-induced oxidative stress in Zn-efficient maize plants	Tewari, Rajesh K.; Kumar, Praveen; Sharma, Parmanand	JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE	OCT 2019	2019	182	5	701	707		<a href="https://doi.org/10.1002/jpln.201800622">https://doi.org/10.1002/jpln.201800622</a>	1	1	2727
3 ' O-Methyltransferase, Ps3 ' OMT, from opium poppy: involvement in papaverine biosynthesis	Agarwal, Parul; Pathak, Sumya; Kumar, Ravi Shankar; Dhar, Yogeshwar Vikram; Pandey, Ashutosh; Shukla, Sudhir; Trivedi, Prabodh Kumar	PLANT CELL REPORTS	OCT 2019	2019	38	10	1235	1248		<a href="https://doi.org/10.1007/s00299-019-02439-5">https://doi.org/10.1007/s00299-019-02439-5</a>	1		2726.5
On certain q-hypergeometric matrix functions of several variables and their matrix q-difference equations	Dwivedi, Ravi; Sahai, Vivek	JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS	2019	2019	25	11	1531	1548		<a href="https://doi.org/10.1080/10236190.2019.1668930">https://doi.org/10.1080/10236190.2019.1668930</a>	1		2726.5
Temperature tuned syntheses of two new d(10)-based Cd(ii) cluster metal-organic frameworks: luminescence sensing and photocatalytic properties	Li, Caiping; Lu, Lu; Wang, Jun; Yang, Qianqian; Ma, Deyun; Alowais, Ahmad; Alarifi, Abdullah; Kumar, Abhinav; Muddassir, Mohd	RSC ADVANCES	SEP 22 2019	2019	9	51	29864	29872		<a href="https://doi.org/10.1039/c9ra05167h">https://doi.org/10.1039/c9ra05167h</a>	1		2726.5

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Thermodynamic and acoustic properties of binary mixtures of PEGDME 250 with 1-propanol and 1-butanol at 293, 303 and 313 degrees K	Singh, K. P.; Singh, S.	PHYSICS AND CHEMISTRY OF LIQUIDS	SEP 3 2019	2019	57	5	658	678		<a href="https://doi.org/10.1080/00319104.2018.1510930">https://doi.org/10.1080/00319104.2018.1510930</a>	1		<b>2726.5</b>
A novel strategy of nanotized herbal drugs and their delivery in the treatment of diabetes: Present status and future prospects	Amjad, Saima; Jafri, Asif; Sharma, A. K.; Serajuddin, M.	JOURNAL OF HERBAL MEDICINE	SEP-DEC 2019	2019	17-18				100279	<a href="https://doi.org/10.1016/j.hermed.2019.100279">https://doi.org/10.1016/j.hermed.2019.100279</a>	1	1	<b>2727</b>
Phyllanthus emblica fruit extract stabilized biogenic silver nanoparticles as a growth promoter of wheat varieties by reducing ROS toxicity	Kannaujia, Rekha; Srivastava, Chandra Mohan; Prasad, Vivek; Singh, Brahma N.; Pandey, Vivek	PLANT PHYSIOLOGY AND BIOCHEMISTRY	SEP 2019	2019	142		460	471		<a href="https://doi.org/10.1016/j.plaphy.2019.08.008">https://doi.org/10.1016/j.plaphy.2019.08.008</a>	1	1	<b>2727</b>
Paleomagnetism and tectonics from the late Pliocene to late Pleistocene in the Xalapa monogenetic volcanic field, Veracruz, Mexico	Alva-Valdivia, L. M.; Agarwal, A.; Garcia-Amador, B.; Morales-Barrera, W.; Agarwal, K. K.; Rodriguez, S.; Gonzalez-Rangel, J. A.	GEOLOGICAL SOCIETY OF AMERICA BULLETIN	SEP-OCT 2019	2019	131	9-10	1581	1590		<a href="https://doi.org/10.1130/B32006.1">https://doi.org/10.1130/B32006.1</a>	1	2	<b>2727.5</b>
Modular construction, magnetism and photocatalytic properties of two new metal-organic frameworks based on a semi-rigid tetracarboxylate ligand	Ling, Xin-Yu; Wang, Jun; Gong, Chunhua; Lu, Lu; Singh, Ashish Kumar; Kumard, Abhinav; Sakiyama, Hiroshi; Yang, Qianqian; Liu, Jianqiang	JOURNAL OF SOLID STATE CHEMISTRY	SEP 2019	2019	277		673	679		<a href="https://doi.org/10.1016/j.jssc.2019.07.029">https://doi.org/10.1016/j.jssc.2019.07.029</a>	1	1	<b>2727</b>
Influence of SiO <sub>2</sub> nanoparticles on the dielectric properties and anchoring energy parameters of pure ferroelectric liquid crystal	Misra, Abhishek Kumar; Roy, Aradhana; Singh, Bhupendra Pratap; Pandey, Kamal Kumar; Shrivastava, Rahul; Saluja, Jagjeet Kaur; Tripathi, Pankaj Kumar; Manohar, Rajiv	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY		2019						<a href="https://doi.org/10.1080/01932691.2019.1653195">https://doi.org/10.1080/01932691.2019.1653195</a>	1		<b>2726.5</b>

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Biogenic silver nanoparticles as a more efficient contrivance for wound healing acceleration than common antiseptic medicine	Giri, Ved Prakash; Pandey, Shipra; Kumari, Madhuree; Paswan, Shравan Kumar; Tripathi, Ashutosh; Srivastava, Manjoosha; Rao, Chandana Venketswara; Katiyar, Ratna; Nautiyal, Chandra Shekhar; Mishra, Aradhana	FEMS MICROBIOLOGY LETTERS	AUG 2019	2019	366	16			fnz201	<a href="https://doi.org/10.1093/femsle/fnz201">https://doi.org/10.1093/femsle/fnz201</a>	1	1	2727
Synthetic, spectral, structural and catalytic activity of infinite 3-D and 2-D copper(ii) coordination polymers for substrate size-dependent catalysis for CO2 conversion	Bhaskaran; Trivedi, Manoj; Yadav, Anita K.; Singh, Gurmeet; Kumar, Abhinav; Kumar, Girijesh; Husain, Ahmad; Rath, Nigam P.	DALTON TRANSACTIONS	JUL 21 2019	2019	48	27	10078	10088		<a href="https://doi.org/10.1039/c9dt01457h">https://doi.org/10.1039/c9dt01457h</a>	1		2726.5
Anti-Proliferative and Apoptotic Effects of Rheum emodi on Human Breast Adenocarcinoma, MCF-7 Cells, and Antimicrobial Effectiveness against Selected Bacterial Strains	Rais, Juhi; Jafri, Asif; Bano, Shabana; Shivnath, Neelam; Tripathi, Madhu; Arshad, Md.	PHARMACOGNOSY MAGAZINE	JUL-SEP 2019	2019	15	64	237	242		<a href="https://doi.org/10.4103/pm.pm.674.18">https://doi.org/10.4103/pm.pm.674.18</a>	1		2726.5
Synthesis, SAR and docking studies of substituted aryl phenylthiazolyl phenylcarboxamide as potential protein tyrosine phosphatase 1B (PTP1B) inhibitors	Varshney, Kanika; Gupta, Amit K.; Rawat, Arun; Srivastava, Rohit; Mishra, Akansha; Saxena, Mridula; Srivastava, Arvind K.; Jain, Sudha; Saxena, Anil K.	CHEMICAL BIOLOGY & DRUG DESIGN	JUL 2019	2019	94	1	1378	1389		<a href="https://doi.org/10.1111/cbdd.13515">https://doi.org/10.1111/cbdd.13515</a>	1	1	2727
Solar irradiance, climatic indicators and climate change - An empirical analysis	Bhargawa, Asheesh; Singh, A. K.	ADVANCES IN SPACE RESEARCH	JUL 1 2019	2019	64	1	271	277		<a href="https://doi.org/10.1016/j.asr.2019.03.018">https://doi.org/10.1016/j.asr.2019.03.018</a>	1		2726.5

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Antidiabetic, antioxidant, molecular docking and HPTLC analysis of miquelianin isolated from Euphorbia schimperi C. Presl	Ahmed, Sarfaraz; Al-Rehaily, Adnan J.; Alam, Perwez; Alqahtani, Ali S.; Hidayatullah, Syed; Rehman, Md Tabish; Mothana, Ramzi A.; Abbas, Syed Sadiq; Khan, M. U.; Khalid, Jamal M.; Siddiqui, Nasir A.	SAUDI PHARMACEUTICAL JOURNAL	JUL 2019	2019	27	5	655	663		<a href="https://doi.org/10.1016/j.jsps.2019.03.008">https://doi.org/10.1016/j.jsps.2019.03.008</a>	1	2	2727.5
Conspecific egg quality and distribution pattern do not affect life history traits of ladybird, Menochilus sexmaculatus	Yadav, Tripti; Omkar; Mishra, Geetanjali	BULLETIN OF INSECTOLOGY	JUN 2019	2019	72	1	125	133			1	1	2727
Synthesis, Characterization, and in vitro Antibacterial Evaluation of Barbituric Acid Derivatives	Shukla, S.; Bishnoi, A.; Devi, P.; Kumar, S.; Srivastava, A.; Srivastava, K.; Fatma, S.	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	JUN 2019	2019	55	6	860	865		<a href="https://doi.org/10.1134/S1070428019060174">https://doi.org/10.1134/S1070428019060174</a>	1	1	2727
Oviposition in aphidophagous ladybirds: effect of prey availability and conspecific egg presence	Singh, Shashwat; Mishra, Geetanjali; Omkar	INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE	JUN 2019	2019	39	2	107	114		<a href="https://doi.org/10.1007/s42690-019-00006-9">https://doi.org/10.1007/s42690-019-00006-9</a>	1	1	2727
Allyl-isothiocyanate ameliorates the pre-neoplastic changes induced by the fern Dryopteris nigropalaceae on experimental feeding in Guinea pigs	Rai, Sarvesh K.; Sharma, Rinku; Patil, Rajendra D.; Periasarny, Sivakumar; Rasmussen, Lars H.; Padwad, Yogendra S.; Kumari, Alka; Bhar, Rasbehari	RESEARCH IN VETERINARY SCIENCE	JUN 2019	2019	124		24	31		<a href="https://doi.org/10.1016/j.rvsc.2019.02.003">https://doi.org/10.1016/j.rvsc.2019.02.003</a>	1		2726.5
Models of Lie algebra $sl(2, C)$ and special matrix functions by means of a matrix integral transformation	Dwivedi, Ravi; Sahai, Vivek	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS	MAY 15 2019	2019	473	2	786	802		<a href="https://doi.org/10.1016/j.jmaa.2018.12.070">https://doi.org/10.1016/j.jmaa.2018.12.070</a>	1		2726.5
Spectroscopic (FT-IR, FT-Raman, and C-13 SS-NMR) and quantum chemical investigations to provide structural insights into nitrofurantoin-4-hydroxybenzoic acid cocrystals	Shukla, Anuradha; Khan, Eram; Alsirawan, M. H. D. Bashir; Mandal, Rajorshi; Tandon, Poonam; Vangala, Venu R.	NEW JOURNAL OF CHEMISTRY	MAY 14 2019	2019	43	18	7136	7149		<a href="https://doi.org/10.1039/c8nj05946b">https://doi.org/10.1039/c8nj05946b</a>	1		2726.5

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Atmospheric burden of ozone depleting substances (ODSs) and forecasting ozone layer recovery	Singh, A. K.; Bhargawa, Asheesh	ATMOSPHERIC POLLUTION RESEARCH	MAY 2019	2019	10	3	802	807		<a href="https://doi.org/10.1016/j.apr.2018.12.008">https://doi.org/10.1016/j.apr.2018.12.008</a>	1	1	2727
Influence of body size and familiarity on mating and reproductive parameters in the zig-zag ladybird beetle, <i>Menochilus sexmaculatus</i> (Coleoptera: Coccinellidae)	Singh, Priya; Mishra, Geetanjali; Omkar	CANADIAN JOURNAL OF ZOOLOGY	MAY 2019	2019	97	5	453	463		<a href="https://doi.org/10.1139/cjz-2017-0344">https://doi.org/10.1139/cjz-2017-0344</a>	1		2726.5
Role of apoplasmic calcium during germination and initial stages of seedling establishment in <i>Vigna radiata</i> seeds	Verma, Giti; Khan, Sadaf; Agarwal, Sudhir Kumar; Sharma, Samir	JOURNAL OF PLANT PHYSIOLOGY	MAY 2019	2019	236		66	73		<a href="https://doi.org/10.1016/j.jplph.2019.02.009">https://doi.org/10.1016/j.jplph.2019.02.009</a>	1	2	2727.5
Assessment of <i>Leuconostoc</i> spp. invasion in standing sugarcane with cracks internode	Misra, V.; Mall, A. K.; Shrivastava, A. K.; Solomon, S.; Shukla, S. P.; Ansari, Mohd. I.	JOURNAL OF ENVIRONMENTAL BIOLOGY	MAY 2019	2019	40	3	316	321		<a href="https://doi.org/10.22438/jeb/40/3/MRN-650">https://doi.org/10.22438/jeb/40/3/MRN-650</a>	1	1	2727
Study on mechanically alloyed tin telluride screen-printed films for optoelectronic device applications	Kumar, Vipin; Sharma, Kapil; Sharma, D. K.; Masih, Vandana Grace	OPTICAL AND QUANTUM ELECTRONICS	MAY 2019	2019	51	5			129	<a href="https://doi.org/10.1007/s11082-019-1843-7">https://doi.org/10.1007/s11082-019-1843-7</a>	1	1	2727
100 kyr sedimentary record of Marginal Gangetic Plain: Implications for forebulge tectonics	Ghosh, Rupa; Srivastava, Pradeep; Shukla, U. K.; Sehgal, R. K.; Singh, I. B.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	APR 15 2019	2019	520		78	95		<a href="https://doi.org/10.1016/j.palaeo.2019.01.035">https://doi.org/10.1016/j.palaeo.2019.01.035</a>	1		2726.5
Two new species of <i>Cololejeunea</i> (Spruce) Schiffn. from Western Ghats, India	Asthana, Geeta; Srivastava, Abha	JOURNAL OF BRYOLOGY	APR 3 2019	2019	41	2	166	173		<a href="https://doi.org/10.1080/003736687.2019.1599600">https://doi.org/10.1080/003736687.2019.1599600</a>	1	1	2727
Fabrication and Characterization of Screen-Printed Cu <sub>2</sub> ZnSnS <sub>4</sub> Films for Photovoltaic Applications	Kumar, Vipin; Masih, Vandana Grace	JOURNAL OF ELECTRONIC MATERIALS	APR 2019	2019	48	4	2195	2199		<a href="https://doi.org/10.1007/s11664-019-07053-5">https://doi.org/10.1007/s11664-019-07053-5</a>	1		2726.5

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Four New Species of the Genus <i>Pallisentis</i> (Quadrigyridae, Van Cleave, 1920) from Freshwater Fish in Uttar Pradesh, India	Gautam, Neelam Kumari; Misra, Pawan Kumar; Saxena, Anand Murai	ACTA PARASITOLOGICA	MAR 2019	2019	64	1	71	85		<a href="https://doi.org/10.2478/s11686-018-00010-y">https://doi.org/10.2478/s11686-018-00010-y</a>	1	1	2727
Resource Partitioning between Two Species of Migratory Waders, Common Redshank <i>Tringa totanus</i> (Linnaeus, 1758) and Little Stint <i>Calidris minuta</i> (Leisler, 1812) (Scolopacidae): A Behavioural Comparison in a Wetland Ecosystem in Bakhira Tal, Uttar Pradesh, India	Mishra, Himanshu; Kumar, Vikas; Kumar, Ashish	ACTA ZOOLOGICA BULGARICA	MAR 2019	2019	71	1	103	111			1		2726.5
Salicylic acid and ultrasonic stress modulated gene expression and ginsenoside production in differentially affected <i>Panax quinquefolius</i> (L.) and <i>Panax sikkimensis</i> (Ban.) cell suspensions	Biswas, Tanya; Mathur, Archana; Gupta, Vikrant; Singh, Manju; Mathur, A. K.	PLANT CELL TISSUE AND ORGAN CULTURE	MAR 2019	2019	136	3	575	588		<a href="https://doi.org/10.1007/s11240-018-01538-7">https://doi.org/10.1007/s11240-018-01538-7</a>	1	1	2727
Monsoon variability and major climatic events between 25 and 0.05 ka BP using sedimentary parameters in the Gangotri Glacier region, Garhwal Himalaya, India	Sen Singh, Dhruv; Dubey, Chetan Anand; Kumar, Dhirendra; Vishawakarma, Balkrishan; Singh, Anoop Kumar; Tripathi, Akanaksha; Gautam, Pawan Kumar; Bali, Rameshwar; Agarwal, Kamal Kishore; Sharma, Rajveer	QUATERNARY INTERNATIONAL	FEB 25 2019	2019	507		148	155		<a href="https://doi.org/10.1016/j.quaint.2019.02.018">https://doi.org/10.1016/j.quaint.2019.02.018</a>	1	2	2727.5
Geomorphic characteristics of landscape development and formation of lakes in the zone of Munsiri Thrust, Garhwal Himalaya, Uttarakhand, India	Joshi, Lalit M.; Kotlia, Bahadur Singh; Singh, Anoop K.	QUATERNARY INTERNATIONAL	FEB 25 2019	2019	507		233	248		<a href="https://doi.org/10.1016/j.quaint.2018.12.009">https://doi.org/10.1016/j.quaint.2018.12.009</a>	1		2726.5
Influence of Fe <sub>2</sub> O <sub>3</sub> nanoparticles on the birefringence property of weakly polar nematic liquid crystal	Yadav, Geeta; Roy, Aradhana; Agrahari, Kaushlendra; Katiyar, Rohit; Chandel, V. S.; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	FEB 11 2019	2019	680	1	65	74		<a href="https://doi.org/10.1080/15421406.2019.1629147">https://doi.org/10.1080/15421406.2019.1629147</a>	1		2726.5

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Molecular structure, spectroscopic signature and reactivity analyses of paracetamol hydrochloride monohydrate salt using density functional theory calculations	Srivastava, Karnica; Shukla, Anuradha; Karthick, T.; Velaga, Sitaram P.; Tandon, Poonam; Sinha, Kirti; Shimpi, Manishkumar R.	CRYSTENGCOMM	FEB 7 2019	2019	21	5	857	865		<a href="https://doi.org/10.1039/c8ce01761a">https://doi.org/10.1039/c8ce01761a</a>	1	1	2727
Design, Synthesis and In-Vitro Antitumor Activity of Lupeol Derivatives via Modification at C-3 and C-30 Positions	Saini, Monika; Khan, Mohammad Faheem; Sangwan, Reetu; Khan, Mohsin Ali; Kumar, Ashok; Verma, Ruchi; Ahamad, Tanveer; Jain, Sudha	CHEMISTRYSELECT	FEB 7 2019	2019	4	5	1800	1805		<a href="https://doi.org/10.1002/slct.201803101">https://doi.org/10.1002/slct.201803101</a>	1	1	2727
Ocimum metabolomics in response to abiotic stresses: Cold, flood, drought and salinity	Rastogi, Shubhra; Shah, Saumya; Kumar, Ritesh; Vashisth, Divya; Akhtar, Md Qussen; Kumar, Ajay; Dwivedi, Upendra Nath; Shasany, Ajit Kumar	PLOS ONE	FEB 6 2019	2019	14	2			e0210903	<a href="https://doi.org/10.1371/journal.pone.0210903">https://doi.org/10.1371/journal.pone.0210903</a>	1	2	2727.5
Structures and photocatalytic performance of two d(10) metal-based coordination polymers containing mixed building units	Lu, Lu; Wang, Jun; Chen, Feng; Wei, Lin-Tao; Lin, Li-Min; Li, Bao-Hong; Singh, Amita; Kumar, Abhinav	TRANSITION METAL CHEMISTRY	FEB 2019	2019	44	2	107	114		<a href="https://doi.org/10.1007/s11243-018-0274-9">https://doi.org/10.1007/s11243-018-0274-9</a>	1		2726.5
Biochemical synthesis of gold nanoparticles from leaf protein of Nicotiana tabacum L. cv. xanthi and their physiological, developmental, and ROS scavenging responses on tobacco plant under stress conditions	Jalil, Syed Uzma; Zahera, Manaal; Khan, Mohd Sajid; Ansari, Mohammad Israil	IET NANOBIO TECHNOLOGY	FEB 2019	2019	13	1	23	29		<a href="https://doi.org/10.1049/iet-nbt.2018.5148">https://doi.org/10.1049/iet-nbt.2018.5148</a>	1	1	2727
A novel approach to design febuxostat-salicylic acid eutectic system: evaluation and characterization	Srivastava, Anubha; Zode, Sandeep S.; Pandey, Jaya; Srivastava, Karnica; Tandon, Poonam; Ayala, Alejandro P.; Bansal, Arvind K.	CRYSTENGCOMM	JAN 14 2019	2019	21	2	310	320		<a href="https://doi.org/10.1039/c8ce01212a">https://doi.org/10.1039/c8ce01212a</a>	1		2726.5

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Genetic polymorphisms in DNA repair genes and their association with cervical cancer	Abbas, M.; Srivastava, K.; Imran, M.; Banerjee, M.	BRITISH JOURNAL OF BIOMEDICAL SCIENCE	2019	2019	76	3	117	121		<a href="https://doi.org/10.1080/09674845.2019.1592884">https://doi.org/10.1080/09674845.2019.1592884</a>	1	1	2727
Strategies to Control Human Lymphatic Filarial Infection: Tweaking Host's Immune System	Murthy, Puvvada Kalpana	CURRENT TOPICS IN MEDICINAL CHEMISTRY	2019	2019	19	14	1226	1240		<a href="https://doi.org/10.2174/1568026619666190618110613">https://doi.org/10.2174/1568026619666190618110613</a>	1		2726.5
Spectroscopic Study of Large-Scale Synthesized, Nitrogen-doped carbon Nanotubes using Spray Pyrolysis Technique	Dwivedi, Nitin; Srivastava, Divyanshi; Shukla, Rajesh Kumar; Srivastava, Anchal	MATERIALS TODAY-PROCEEDINGS	2019	2019	12		590	595			1		2726.5
Structures and Electronic Properties of Small Al <sub>n</sub> Sen(n=1-5) Clusters	Shukla, Dharmesh Vikram; Srivastava, Ambrish Kumar; Misra, Neeraj	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES		2019						<a href="https://doi.org/10.1007/s40010-019-00653-0">https://doi.org/10.1007/s40010-019-00653-0</a>	0		609.5
Enhanced mechanical properties of hBN-ZrO <sub>2</sub> composites and their biological activities on Drosophila melanogaster: synthesis and characterization	Gautam, Amarendra; Gautam, Chandkiram; Mishra, Monalisa; Mishra, Vijay Kumar; Hussain, Ajaz; Sahu, Swetapadma; Nanda, Reetuparna; Kisan, Bikash; Biradar, Santoshkumar; Gautam, Rakesh Kumar	RSC ADVANCES	DEC 12 2019	2019	9	70	40977	40996		<a href="https://doi.org/10.1039/c9ra07835e">https://doi.org/10.1039/c9ra07835e</a>	0		609.5
Coffee with cancer warning	Srivastava, Ankita	CURRENT SCIENCE	DEC 10 2019	2019	117	11	1781	1781			0		609.5
Preparation of Nanostructured Co <sub>3</sub> O <sub>4</sub> and Ru-Doped Co <sub>3</sub> O <sub>4</sub> and Their Applicability in Liquefied Petroleum Gas Sensing	Singh, Prabhat Kumar; Singh, Neetu; Singh, Mridula; Tandon, Poonam; Singh, Saurabh Kumar	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE		2019						<a href="https://doi.org/10.1007/s11665-019-04495-0">https://doi.org/10.1007/s11665-019-04495-0</a>	0		609.5

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Electrocatalytic properties of La <sub>1-x</sub> Cu <sub>x</sub> CoO <sub>3</sub> (0 ≤ x ≤ 0.8) film electrodes for oxygen evolution in alkaline medium: Part II. A comparative study	Yadav, Manish Kumar; Lal, Basant; Singh, Narendra Kumar	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	DEC 2019	2019	58	12	1295	1301			0		609.5
Preparation of Nanostructured Co <sub>3</sub> O <sub>4</sub> and Ru-Doped Co <sub>3</sub> O <sub>4</sub> and Their Applicability in Liquefied Petroleum Gas Sensing	Singh, Prabhat Kumar; Singh, Neetu; Singh, Mridula; Tandon, Poonam; Singh, Saurabh Kumar	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	DEC 2019	2019	28	12	7592	7601		<a href="https://doi.org/10.1007/s11665-019-04495-0">https://doi.org/10.1007/s11665-019-04495-0</a>	0		609.5
Electrostatic Langmuir waves and spin-electron-acoustic waves in spin polarized plasma double layer	Andreev, Pavel A.; Golubeva (Kiriltseva), T. G.; Kumar, Punit; Kuz'menkov, L. S.	PHYSICS OF PLASMAS	DEC 2019	2019	26	12			122101	<a href="https://doi.org/10.1063/1.5092990">https://doi.org/10.1063/1.5092990</a>	0		609.5
Oxygen evolution electrocatalytic properties of perovskite-type La <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> (0 ≤ x ≤ 0.8) oxides obtained by polyvinylpyrrolidone sol-gel route	Singh, Narendra Kumar; Sharma, Priya; Kumar, Indresh; Chaddha, Amritpal Singh	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	DEC 2019	2019	14	12	11379	11390		<a href="https://doi.org/10.20964/2019.12.70">https://doi.org/10.20964/2019.12.70</a>	0		609.5
Second harmonic generation by circularly polarized laser beam propagating in obliquely magnetized plasma	Sharma, Pooja; Jha, Pallavi	EUROPEAN PHYSICAL JOURNAL D	DEC 2019	2019	73	12			259	<a href="https://doi.org/10.1140/epjd/e2019-100405-6">https://doi.org/10.1140/epjd/e2019-100405-6</a>	0		609.5
Uranium enrichment at North Almora Thrust Zone, Kumaun Lesser Himalaya, Uttarakhand, India	Joshi, Gaurav; Agarwal, K.; Agarwal, Amar; Vidal-Solano, J. R.	JOURNAL OF EARTH SYSTEM SCIENCE	DEC 2019	2019	128	8			212	<a href="https://doi.org/10.1007/s12040-019-1245-z">https://doi.org/10.1007/s12040-019-1245-z</a>	0		609.5
Grain-scale anatomy of the Bundelkhand granite: Implications for the interplay of magmatic to sub-magmatic deformation mechanisms	Sarkar, Goutam; Acharya, Shriza; Banerjee, Sayandeep; Matin, Abdul; Sensarma, Sarajit; Srivastava, Hari B.	JOURNAL OF EARTH SYSTEM SCIENCE	DEC 2019	2019	128	8			213	<a href="https://doi.org/10.1007/s12040-019-1235-1">https://doi.org/10.1007/s12040-019-1235-1</a>	0		609.5

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Development of a potential LPG sensor based on a PANI-Co3O4 nanocomposite that functions at room temperature	Singh, Neetu; Singh, Prabhat Kumar; Singh, Mridula; Gangopadhyay, Debraj; Singh, Saurabh Kumar; Tandon, Poonam	NEW JOURNAL OF CHEMISTRY	NOV 28 2019	2019	43	44	17340	17350		<a href="https://doi.org/10.1039/c9nj03940f">https://doi.org/10.1039/c9nj03940f</a>	0		609.5
Transcriptome analysis of the palmarosa Cymbopogon martinii inflorescence with emphasis on genes involved in essential oil biosynthesis	Kaur, Gurminder; Arya, Surjeet Kumar; Singh, Babita; Singh, Sanchita; Dhar, Yogeshwar Vikram; Verma, Praveen C.; Ganjewala, Deepak	INDUSTRIAL CROPS AND PRODUCTS	NOV 15 2019	2019	140				UNSP 111602	<a href="https://doi.org/10.1016/j.indcrop.2019.111602">https://doi.org/10.1016/j.indcrop.2019.111602</a>	0	1	610
Cholesterol thiosalicylate, a novel cholesterol conjugate its synthesis experimental studies conformational analysis chemical reactivity intermolecular interaction and first order hyperpolarizability	Srivastava, Sangeeta; Aleem, Sadaf; Ansari, Nadeem Ahmed	JOURNAL OF MOLECULAR STRUCTURE	NOV 5 2019	2019	1195		231	245		<a href="https://doi.org/10.1016/j.molstruc.2019.05.107">https://doi.org/10.1016/j.molstruc.2019.05.107</a>	0		609.5
Nuclear transition matrix elements for neutrinoless double-beta decay of Ge-76 isotope within PHFB approach	Rath, P. K.; Kumar, A.; Chandra, R.; Gautam, R.; Raina, P. K.; Dixit, B. M.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	NOV 2019	2019	28	11			2E+06	<a href="https://doi.org/10.1142/S0218301319500964">https://doi.org/10.1142/S0218301319500964</a>	0		609.5
Internal pressure and optical properties of binary mixture of formamide with dimethylaminoethanol and diethylaminoethanol at different temperatures	Srivastava, Reetesh; Pandey, Vrijesh Kumar; Awasthi, Anjali; Awasthi, Aashees	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	NOV 2019	2019	57	11	812	821			0		609.5
A new 3D three-interpenetration metal-organic framework and its photocatalytic property: A combined experimental and theoretical investigation	Yuan, Fei; Li, Yi; Ling, Xin-Yu; Yuan, Chun-Mei; Zhou, Chun-Sheng; Wang, Jun; Singh, Ayushi; Kumar, Abhinav; Chen, Feng-Ying	INORGANIC CHEMISTRY COMMUNICATIONS	NOV 2019	2019	109				UNSP 107576	<a href="https://doi.org/10.1016/j.inoche.2019.107576">https://doi.org/10.1016/j.inoche.2019.107576</a>	0		609.5
Vibrational spectra, hydrogen bonding interactions and chemical reactivity analysis of nicotinamide-citric acid cocrystals by an experimental and theoretical approach	Verma, Priya; Srivastava, Anubha; Shukla, Anuradha; Tandon, Poonam; Shimpi, Manishkumar R.	NEW JOURNAL OF CHEMISTRY	OCT 28 2019	2019	43	40	15956	15967		<a href="https://doi.org/10.1039/c9nj03085a">https://doi.org/10.1039/c9nj03085a</a>	0		609.5

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Dark matter as scalaron in f(R) gravity models	Yadav, Bal Krishna; Verma, Murli Manohar	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	OCT 2019	2019		10			52	<a href="https://doi.org/10.1088/1475-7516/2019/10/052">https://doi.org/10.1088/1475-7516/2019/10/052</a>	0		609.5
In vitro antifilarial activity, antioxidant potential and phenolic constituents of Quisqualis indica L.	Rastogi, Subha; Pandey, Madan Mohan; Rawat, Ajay Kumar Singh; Kushwaha, Vikas; Murthy, P. Kalpana	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	OCT 2019	2019	18	4	648	654			0		609.5
Synthesis and photocatalytic property of a new 1D metal-organic polymer	Yuan, Chun-Mei; Yan, Meng-Ting; Yuan, Fei; Ling, Xin-Yu; Zhou, Chun-Sheng; Wang, Jun; Cao, Bao-Yue; Singh, Ayushi; Kumar, Abhinav	INORGANIC CHEMISTRY COMMUNICATIONS	OCT 2019	2019	108				UNSP 107543	<a href="https://doi.org/10.1016/j.inoche.2019.107543">https://doi.org/10.1016/j.inoche.2019.107543</a>	0		609.5
Coma with Glasgow Coma Scale Score 3 at Admission following Acute Head Injury: Experiencing the Complete Recovery Supported through Ayurveda - A Case Report	Rastogi, Sanjeev	COMPLEMENTARY MEDICINE RESEARCH	OCT 2019	2019	26	5	353	360		<a href="https://doi.org/10.1159/000498912">https://doi.org/10.1159/000498912</a>	0		609.5
Development of vernal migration in redheaded buntings: concurrent behavioral, physiological and neural changes under stimulatory photoperiods	Agarwal, Neha; Komal, Ruchi; Kumari, Yatinesh; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES	OCT 1 2019	2019	18	10	2509	2520		<a href="https://doi.org/10.1039/c9pp00273a">https://doi.org/10.1039/c9pp00273a</a>	0	1	610
Supplementation of Trichoderma improves the alteration of nutrient allocation and transporter genes expression in rice under nutrient deficiencies	Singh, Satyendra Pratap; Pandey, Shipra; Mishra, Nishtha; Giri, Ved Prakash; Mahfooz, Sahil; Bhattacharya, Arpita; Kumari, Madhuree; Chauhan, Priyanka; Verma, Pratibha; Nautiyal, Chandra Shekhar; Mishra, Aradhana	PLANT PHYSIOLOGY AND BIOCHEMISTRY	OCT 2019	2019	143		351	363		<a href="https://doi.org/10.1016/j.plaphy.2019.09.015">https://doi.org/10.1016/j.plaphy.2019.09.015</a>	0		609.5
Kinetic, Spectroscopic, and DFT Studies of Novel Oxidation of Acetylsalicylic Acid by NaIO <sub>4</sub> Using Micro-amount of Os(VIII) As a Homogeneous Catalyst in Alkaline Medium	Srivastava, Amrita; Gupta, Madhu; Srivastava, Sheila	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	OCT 2019	2019	93	10	2023	2031		<a href="https://doi.org/10.1134/S0036024419100297">https://doi.org/10.1134/S0036024419100297</a>	0		609.5

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Synthesis of glycoconjugate mimics by 'click chemistry'	Thakur, Kratima; Khare, Naveen K.	CARBOHYDRATE RESEARCH	OCT 1 2019	2019	484				UNSP 107775	<a href="https://doi.org/10.1016/j.carres.2019.107775">https://doi.org/10.1016/j.carres.2019.107775</a>	0		609.5
Investigation of dielectric and electro-optical parameters of high birefringent nematic liquid crystal doped with TiO2 nanoparticles and its applicability toward liquid crystal displays	Katiyar, Rohit; Pathak, Govind; Agrahari, Kaushlendra; Srivastava, Atul; Garbat, Katarzyna; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	SEP 22 2019	2019	691	1	50	61		<a href="https://doi.org/10.1080/15421406.2019.1702811">https://doi.org/10.1080/15421406.2019.1702811</a>	0		609.5
An intervention to improve the quality of medication abortion knowledge among pharmacists in India	Diamond-Smith, Nadia; Phillips, Beth; Percher, Joanna; Saxena, Malvika; Dwivedi, Pravesh; Srivastava, Aradhana	INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS	DEC 2019	2019	147	3	356	362		<a href="https://doi.org/10.1002/ijgo.12960">https://doi.org/10.1002/ijgo.12960</a>	0		609.5
Investigations on remedial role of Rauwolfia serpentina root extract against carbofuran formulation induced genotoxicity in Channa punctatus	Tiwari, V.; Trivedi, S. P.	JOURNAL OF ENVIRONMENTAL BIOLOGY	SEP 2019	2019	40	5	1023	1028		<a href="https://doi.org/10.22438/jeb/40/5/MRN-1075">https://doi.org/10.22438/jeb/40/5/MRN-1075</a>	0		609.5
Kinetics and mechanism of formation of the complex [Ru(CN)(5)INH](3-) through the ligand substitution reaction between the aquapentacyanoruthenate(II) anion and isoniazid	Yadav, Rupal; Naik, Radhey Mohan	PROGRESS IN REACTION KINETICS AND MECHANISM	SEP 2019	2019	44	3	244	256		<a href="https://doi.org/10.1177/1468678319825737">https://doi.org/10.1177/1468678319825737</a>	0		609.5
Validation of Bifurcophaptor spp. (Monogenoidea: Dactylogyridae) reported from India using molecular methods with inclusion of insilico study: A brief report on its host-specificity	Rajvanshi, S.; Verma, J.; Nirupama, A.	TROPICAL BIOMEDICINE	SEP 2019	2019	36	3	726	741			0		609.5
Discovering Innovative Drugs Targeting Both Cancer and Cardiovascular Disease by Shared Protein-Protein Interaction Network Analyses	Tiwari, Sameeksha; Dwivedi, Upendra N.	OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY	SEP 1 2019	2019	23	9	417	425		<a href="https://doi.org/10.1089/omi.2019.0095">https://doi.org/10.1089/omi.2019.0095</a>	0		609.5
Studies on molecular variability of coat protein gene of Papaya ringspot virus-P isolates from India	Kumar, Rajesh; Srivastava, Ashish; Srivastava, Aparana; Srivastava, Shalini; Prasad, Vivek; Raj, Krishna	EUROPEAN JOURNAL OF PLANT PATHOLOGY	SEP 2019	2019	155	1	369	376		<a href="https://doi.org/10.1007/s10658-019-01778-z">https://doi.org/10.1007/s10658-019-01778-z</a>	0		609.5

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A note on Lie nilpotent group algebras	Sahai, Meena; Sharan, Bhagwat	JOURNAL OF ALGEBRA AND ITS APPLICATIONS	SEP 2019	2019	18	9			2E+06	<a href="https://doi.org/10.1142/S0219498819501639">https://doi.org/10.1142/S0219498819501639</a>	0		609.5
Temperature dependent Raman spectroscopy of a nematic liquid crystal compound 6CHBT	Basumatary, Jwmwi; Gangopadhyay, Debraj; Nath, Aparna; Devi, Thingujam Kiranmala	JOURNAL OF MOLECULAR LIQUIDS	AUG 15 2019	2019	288				UNSP 111065	<a href="https://doi.org/10.1016/j.molliq.2019.111065">https://doi.org/10.1016/j.molliq.2019.111065</a>	0		609.5
Modification of liquid crystal lens performance by embedded floating ring electrode	Hsu, Che Ju; Agrahari, Kaushlendra; Selvaraj, Pravinraj; Manohar, Rajiv; Huang, Chi Yen	OPTICAL MATERIALS EXPRESS	AUG 1 2019	2019	9	8	3226	3237		<a href="https://doi.org/10.1364/OME.9.003226">https://doi.org/10.1364/OME.9.003226</a>	0		609.5
The synthesis and study of structural, optical and electrical behaviours of tin oxide / polyaniline () nanocomposites	Singh, B.; Das, B.	PRAMANA-JOURNAL OF PHYSICS	AUG 2019	2019	93	2			32	<a href="https://doi.org/10.1007/s12043-019-1794-3">https://doi.org/10.1007/s12043-019-1794-3</a>	0		609.5
Knowledge, provision of information and barriers to high quality medication abortion provision by pharmacists in Uttar Pradesh, India	Diamond-Smith, Nadia; Percher, Joanna; Saxena, Malvika; Dwivedi, Pravesh; Srivastava, Aradhana	BMC HEALTH SERVICES RESEARCH	JUL 11 2019	2019	19	1			476	<a href="https://doi.org/10.1186/s12913-019-4318-4">https://doi.org/10.1186/s12913-019-4318-4</a>	0		609.5
Inhibition of Proliferation of Human Prostate Carcinoma Cell, PC3 by Bauhinia racemosa Lam. via Induction of Apoptosis	Rahman, Md Azizur; Akhtar, Juber; Sahabjada; Arshad, Md; Mujahid, Md	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	JUL-SEP 2019	2019	53	3	521	526		<a href="https://doi.org/10.5530/ijper.53.3.84">https://doi.org/10.5530/ijper.53.3.84</a>	0		609.5
Theoretical Study of Possible Reaction Mechanisms for the Formation of Carbodiimide in the Interstellar Medium (ISM) and Polarizabilities of Carbodiimide	Yadav, Manisha; Shivani; Misra, Alka; Tandon, Poonam	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	JUN 2019	2019	49	1-2	89	103		<a href="https://doi.org/10.1007/s11084-019-09577-6">https://doi.org/10.1007/s11084-019-09577-6</a>	0		609.5
Allyl-isothiocyanate ameliorates the pre-neoplastic changes induced by the fern Dryopteris nigropalaceae on experimental feeding in Guinea pigs (vol 124, pg 24, 2019)	Rai, Sarvesh K.; Sharma, Rinku; Patil, Rajendra D.; Periasamy, Sivakumar; Rasmussen, Lars H.; Padwad, Yogendra S.; Kumari, Alka; Bhar, Rasbehari	RESEARCH IN VETERINARY SCIENCE	JUN 2019	2019	124		239	239		<a href="https://doi.org/10.1016/j.rvsc.2019.03.021">https://doi.org/10.1016/j.rvsc.2019.03.021</a>	0		609.5

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Prevalence and intensity of <i>Cornudiscoides</i> agarwali (Monogeneoidea) on the gills of Day's mystus ( <i>Mystus bleekeri</i> ) in relation to some ecological and biological factors from Arunachal Pradesh, India	Tripathi, A.; Wangchu, L.; Trivedi, A. K.	HELMINTHOLOGIA	JUN 2019	2019	56	2	141	150		<a href="https://doi.org/10.2478/helm-2019-0005">https://doi.org/10.2478/helm-2019-0005</a>	0		609.5
Morphological and molecular characterization of six Indian Tetracotyle type metacercariae (Digenea: Strigeidae Railliet, 1919), using ribosomal and mitochondrial DNA	Choudhary, Kirti; Ray, Shailendra; Pandey, Keshava C.; Agrawal, Nirupama	PARASITOLOGY INTERNATIONAL	JUN 2019	2019	70		33	40		<a href="https://doi.org/10.1016/j.parint.2019.01.006">https://doi.org/10.1016/j.parint.2019.01.006</a>	0	1	610
Nuclear Transition Matrix Elements for Double-beta Decay Within PHFB Model	Rath, P. K.; Chandra, Ramesh; Chaturvedi, K.; Raina, P. K.	FRONTIERS IN PHYSICS	MAY 7 2019	2019	7				64	<a href="https://doi.org/10.3389/fphy.2019.00064">https://doi.org/10.3389/fphy.2019.00064</a>	0		609.5
Sample attrition rate of a community study: An analysis of Lucknow urban and rural elderly follow-up over a period of 9 years	Singh, Bhupendra; Pandey, Nisha Mani; Garg, R. K.; Kohli, Neera; Usman, Kausar; Agarwal, G. G.; Tiwari, Sarvada Chandra	INDIAN JOURNAL OF PSYCHIATRY	MAY-JUN 2019	2019	61	3	290	294		<a href="https://doi.org/10.4103/psychiatry.IndianJPsy.317_18">https://doi.org/10.4103/psychiatry.IndianJPsy.317_18</a>	0		609.5
Molecular analysis of genetic diversity and population genetic structure in <i>Ephedra foliata</i> : an endemic and threatened plant species of arid and semi-arid regions of India	Meena, Baleshwar; Singh, Niraj; Mahar, Kamalesh Singh; Sharma, Yogesh Kumar; Rana, Tikam Singh	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	MAY 2019	2019	25	3	753	764		<a href="https://doi.org/10.1007/s12298-019-00648-6">https://doi.org/10.1007/s12298-019-00648-6</a>	0	3	611
In vitro wound healing activity of 1-hydroxy-5,7-dimethoxy-2-naphthalene-carboxaldehyde (HDNC) and other isolates of <i>Aegle marmelos</i> L.: Enhances keratinocytes motility via Wnt/beta-catenin and RAS-ERK pathways	Azmi, Lubna; Shukla, Ila; Goutam, Arti; Allauddin; Rao, Ch, V; Jawaid, Talha; Kamal, Mehnaz; Awaad, Amani S.; Alqasoumi, Saleh, I; AlKhamees, Osama A.	SAUDI PHARMACEUTICAL JOURNAL	MAY 2019	2019	27	4	532	539		<a href="https://doi.org/10.1016/j.jsps.2019.01.017">https://doi.org/10.1016/j.jsps.2019.01.017</a>	0		609.5
Assessment of waterlogging induced physio-biochemical changes in sugarcane varieties and its association with waterlogging tolerance	Singh, S.; Singh, S. P.; Pathak, A. D.; Pandey, N.	JOURNAL OF ENVIRONMENTAL BIOLOGY	MAY 2019	2019	40	3	384	392		<a href="https://doi.org/10.22438/jeb/40/3/MRN-898">https://doi.org/10.22438/jeb/40/3/MRN-898</a>	0		609.5

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Lie centrally metabelian group rings over noncommutative rings	Sahai, Meena; Ansari, Sheere Farhat	COMMUNICATIONS IN ALGEBRA	NOV 2 2019	2019	47	11	4729	4739		<a href="https://doi.org/10.1080/00927872.2019.1593428">https://doi.org/10.1080/00927872.2019.1593428</a>	0		609.5
Synthesis and spectral analysis of 4-(4-chlorophenyl)-3,4,6,7,8,9-hexahydro-1H-cyclohepta-pyrimidin-2(5H)-one and study of its quantum chemical and thermodynamic properties	Parveen, Huda; Bishnoi, Abha; Fatma, Shaheen; Devi, Poornima; Verma, Anil Kumar	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	APR 2019	2019	57	4	250	260			0		609.5
Elucidation of marine fungi derived anthraquinones as mycobacterial mycolic acid synthesis inhibitors: an in silico approach	Sharma, Akanksha; Islam, M. Hayatul; Fatima, Nida; Upadhyay, Tarun K.; Khan, M. Kalim A.; Dwivedi, Upendra N.; Sharma, Rolee	MOLECULAR BIOLOGY REPORTS	APR 2019	2019	46	2	1715	1725		<a href="https://doi.org/10.1007/s11033-019-04621-0">https://doi.org/10.1007/s11033-019-04621-0</a>	0		609.5
Phytochemical screening of Sterculia foetida seed extract for anti-oxidant, anti-microbial activity, and detection of apoptosis through reactive oxygen species (ROS) generation, mitochondrial membrane potential (MMP) decrease, and nuclear fragmentation in human osteosarcoma cells	Jafri, Asif; Bano, Shabana; Rais, Juhi; Khan, Fahad; Shivnath, Neelam; Sharma, A. K.; Arshad, Md	JOURNAL OF HISTOTECHNOLOGY	APR 3 2019	2019	42	2	68	79		<a href="https://doi.org/10.1080/01478885.2019.1592832">https://doi.org/10.1080/01478885.2019.1592832</a>	0		609.5
Conversion efficiency of even harmonics of whistler pulse in quantum magnetoplasma	Kumar, Punit; Singh, Shiv; Ahmad, Nafees	LASER AND PARTICLE BEAMS	MAR 2019	2019	37	1	5	11		<a href="https://doi.org/10.1017/S0263034619000089">https://doi.org/10.1017/S0263034619000089</a>	0		609.5
Assessment of various genetic components through NCD-I and NCD-III designs of biparental mating in opium poppy	Maurya, Krishna Nand; Pal, Pawan Kumar; Asthana, Geeta; Srivastava, Alka; Shukla, Sudhir	JOURNAL OF GENETICS	MAR 2019	2019	98	1			27	<a href="https://doi.org/10.1007/s12041-019-1074-5">https://doi.org/10.1007/s12041-019-1074-5</a>	0		609.5
Nuclear transition matrix elements for neutrinoless double-beta decay within mechanisms involving light Majorana neutrino mass and right-handed current	Singh, Yash Kaur; Chandra, R.; Chaturvedi, K.; Avasthi, Tripti; Rath, P. K.; Raina, P. K.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	FEB 2019	2019	28	1-2			2E+06	<a href="https://doi.org/10.1142/S0218301319500010">https://doi.org/10.1142/S0218301319500010</a>	0		609.5

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Molecular structure, spectroscopic investigation (FT-IR, H-1 NMR, C-13 NMR and Mass) and quantum chemical calculations of Ruthenium (II) complex of isoniazid ligand	Yadav, Rupal; Naik, R. M.	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	FEB 2019	2019	57	2	118	131			0		609.5
Molecular structure, spectral analysis and antimicrobial activity of (E)-2-amino-8-benzylidene-4-phenyl-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile through DFT and AIM approach	Kumar, Roop; Verma, Anil Kumar; Parveen, Huda; Fatma, Shaheen; Shukla, Shraddha; Devi, Poornima; Afza, Nishat; Bishnoi, Abha	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	FEB 2019	2019	57	2	132	143			0		609.5
IDENTIFICATION OF 38 keV gamma TRANSITION IN La-132 AMIDST X RAYS	Kumar, Vinod; Das, Pragya	ACTA PHYSICA POLONICA B	FEB 2019	2019	50	2	173	178		<a href="https://doi.org/10.5506/APhysPolB.50.173">https://doi.org/10.5506/APhysPolB.50.173</a>	0		609.5
Spectroscopic investigation of stagnation region in laterally colliding plasmas: Dependence of ablating target material and plasma plume separation	Mondal, Alamgir; Kumar, Bhupesh; Singh, R. K.; Joshi, H. C.; Kumar, Ajai	PHYSICS OF PLASMAS	FEB 2019	2019	26	2			22102	<a href="https://doi.org/10.1063/1.5075629">https://doi.org/10.1063/1.5075629</a>	0		609.5
New Occurrence of Sapphirine-spinel-bearing Granulite from NW of Chilka Lake, Eastern Ghats Belt, Odisha	Prakash, D.; Vishal, B.; Naik, A. S.; Yadav, R.; Rai, S. K.; Tewari, S.; Yadav, M. K.; Tiwari, S.; Dash, S.; Pattnaik, C.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	FEB 2019	2019	93	2	153	156		<a href="https://doi.org/10.1007/s12594-019-1143-7">https://doi.org/10.1007/s12594-019-1143-7</a>	0		609.5
Synthesis and Biological Evaluation of Some Novel Claisen Products of 5-Oxo-1-phenylpyrrolidine-3-carboxylic Acid as Antimicrobial and Antioxidant Agents	Devi, Poornima; Bishnoi, Abha; Singh, Vineeta	CHEMISTRYSELECT	JAN 17 2019	2019	4	2	629	632		<a href="https://doi.org/10.1002/slct.201803100">https://doi.org/10.1002/slct.201803100</a>	0	1	610
Food and feeding habits of the Gangetic hairfin anchovy Setipinna phasa (Hamilton, 1822)	Serajuddin, M.; Chaubey, Brijesh K.	INDIAN JOURNAL OF FISHERIES	2019	2019	66	4	46	50		<a href="https://doi.org/10.21077/ijf.2019.66.4.83091-06">https://doi.org/10.21077/ijf.2019.66.4.83091-06</a>	0		609.5
Ethnobotany and Pharmacology of Pinus Species Growing Naturally in Indian Himalayas: A Plant Review	Singh, Lav; Dixit, Pooja; Srivastava, Ravi P.; Pandey, Shivaraman; Verma, Praveen C.; Saxena, Gauri	CURRENT PHARMACEUTICAL BIOTECHNOLOGY	2019	2019	20	15	1281	1287		<a href="https://doi.org/10.2174/1389201020666190819153600">https://doi.org/10.2174/1389201020666190819153600</a>	0		609.5

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Design, Synthesis, and Quantum Chemical Calculations of 2,6-Diphenylspiro[cyclohexane-1,3'-pyrido[1,2-a]pyrimidine]-2',4,4'-trione through DFT approach	Kumar, Roop; Devi, Poornima; Verma, Anil K.; Bishnoi, Abha	LETTERS IN ORGANIC CHEMISTRY	2019	2019	16	12	983	995		<a href="https://doi.org/10.2174/1570178616666190110110123">https://doi.org/10.2174/1570178616666190110110123</a>	0		609.5
Comparative Analysis of Neuro-Fuzzy and Support Vector Approaches for Flood Forecasting: Case Study of Godavari Basin, India	Misra, Puneet; Shukla, Shobhit	COMPUTING AND NETWORK SUSTAINABILITY	2019	2019	75					<a href="https://doi.org/10.1007/978-981-13-7150-9_17">https://doi.org/10.1007/978-981-13-7150-9_17</a>	0		609.5
In Vitro and In Vivo Antifilarial Activity of Standardized Extract of Calotropis procera Flowers against Brugia malayi	Kushwaha, Vikas; Rastogi, Subha; Pandey, Madan Mohan; Saxena, Kirti; Khatoon, Sayyada; Rawat, Ajay Kumar Singh; Murthy, P. Kaplana	CURRENT TOPICS IN MEDICINAL CHEMISTRY	2019	2019	19	14	1252	1262		<a href="https://doi.org/10.2174/1568026619666190620154054">https://doi.org/10.2174/1568026619666190620154054</a>	0		609.5
Evaluation of Indian Prediction Models for Lung Function Parameters: A Statistical Approach	Kamal, Ritul; Misra, Sheela	ANNALS OF GLOBAL HEALTH	2019	2019	85	1			UNSP 21	<a href="https://doi.org/10.5334/aogh.2397">https://doi.org/10.5334/aogh.2397</a>	0		609.5
SYNTHESIS AND PHOTOCATALYTIC PROPERTIES OF A NEW PADDLE-WHEEL Cu(II) COMPLEX: AN INTEGRATED EXPERIMENTAL AND THEORETICAL INVESTIGATION	Wang, Bing; Liu, KeKe; Qin, Xiangyang; Li, Bao-Hong; Cheng, Qianyi; Singh, Amita; Kumar, Abhinav	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2019	2019	33	2	285	292		<a href="https://doi.org/10.4314/bcse.v33i2.9">https://doi.org/10.4314/bcse.v33i2.9</a>	0		609.5
Structural and dielectric properties of Bi2O3 doped polyaniline	Shukla, R. K.; Srivastava, Divyanshi	MATERIALS TODAY-PROCEEDINGS	2019	2019	15		424	428		<a href="https://doi.org/10.1016/j.matpr.2019.04.103">https://doi.org/10.1016/j.matpr.2019.04.103</a>	0		609.5
Evaluating concordance between government administrative data and externally collected data among high-volume government health facilities in Uttar Pradesh, India	Phillips, Beth S.; Singhal, Shreya; Mishra, Shambhavi; Kajal, Fnu; Cotter, Sun Yu; Sudhinaraset, May	GLOBAL HEALTH ACTION	JAN 1 2019	2019	12	1			2E+06	<a href="https://doi.org/10.1080/16549716.2019.1619155">https://doi.org/10.1080/16549716.2019.1619155</a>	0		609.5
All solid state sodium-sulfur cells using composite sulfur cathode at room temperature conditions	Kumar, Deepak; Kanchan, D. K.; Kumar, Shravn	MATERIALS TODAY-PROCEEDINGS	2019	2019	12		536	542			0		609.5

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Effect of high frequency on dielectric properties of PAni/GO composite in different relative humidity environment	Srivastava, Divyanshi; Dwivedi, Nitin; Shukla, R. K.	MATERIALS TODAY-PROCEEDINGS	2019	2019	12		596	604			0		609.5
ON VARIOUS REPRESENTATIONS OF A CLASS OF ANALYTIC FUNCTIONS ASSOCIATED WITH SUBORDINATION	Sharma, Poonam; Raina, Ravinder Krishna; Sokol, Janusz	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS	2019	2019	81	2	87	96			0		609.5
Comparative Study of Kinetic and Mechanistic Study of Oxidation of L-Alanine and L-Proline by Sodium Periodate Catalyzed by Osmium(VIII) in Micromolar Concentrations	Gupta, Madhu; Srivastava, Amrita; Srivastava, Sheila	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	JAN 2019	2019	93	1	48	58		<a href="https://doi.org/10.1134/S0036024419010096">https://doi.org/10.1134/S0036024419010096</a>	0		609.5
Confinement of electrons in the focus of the dipole wave	Bashinov, A., V; Kumar, P.; Efimenko, E. S.	QUANTUM ELECTRONICS	2019	2019	49	4	314	321		<a href="https://doi.org/10.1070/QEL16981">https://doi.org/10.1070/QEL16981</a>	0		609.5
Antibacterial activity of epidermal mucus extracts of three freshwater air-breathing fish species against human pathogenic bacteria	Jameel, Farheen; Agarwal, Jyotsna; Waseem, Mohammad; Serajuddin, M.	INDIAN JOURNAL OF FISHERIES	2019	2019	66	1	119	123		<a href="https://doi.org/10.21077/ijf.2019.66.1.82918-16">https://doi.org/10.21077/ijf.2019.66.1.82918-16</a>	0	1	610
Synthesis and Evaluation of Some Novel Pregnane Derivatives as Anti-Hyperlipidemic and Anti-Oxidant Agents	Sethi, Arun; Bhatia, Akriti; Singh, Ranvijay Pratap; Srivastava, Atul	LETTERS IN ORGANIC CHEMISTRY	2019	2019	16	1	40	49		<a href="https://doi.org/10.2174/1570178615666180806123719">https://doi.org/10.2174/1570178615666180806123719</a>	0		609.5
Design and synthesis of heteroaromatic-based benzenesulfonamide derivatives as potent inhibitors of H5N1 influenza A virus	Yu, Yongshi; Tazeem; Xu, Zhichao; Du, Liaoqi; Jin, Mengyu; Dong, Chune; Zhou, Hai-Bing; Wu, Shuwen	MEDCHEMCOMM	JAN 1 2019	2019	10	1	89	100		<a href="https://doi.org/10.1039/c8md00474a">https://doi.org/10.1039/c8md00474a</a>	0	1	610
Structural characterization of novel milk oligosaccharide Aurose from cow colostrum	Gunjan; Kumar, Kuldeep; Deepak, Desh	JOURNAL OF MOLECULAR STRUCTURE	JAN 2019	2019	1176		394	401		<a href="https://doi.org/10.1016/j.molstruc.2018.08.004">https://doi.org/10.1016/j.molstruc.2018.08.004</a>	0	1	610