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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
2018													
Results found	245												
Sum of the Times Cited	877												
Average Citations per Item	3.58												
h-index	13												
Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations WoS	Citations Scopus	CITATION INDEX
Role of Forkhead Box Class O proteins in cancer progression and metastasis	Kim, Chang Geun; Lee, Hyemin; Gupta, Nehal; Ramachandran, Sharavan; Kaushik, Itishree; Srivastava, Sangeeta; Kim, Sung-Hoon; Srivastava, Sanjay K.	SEMINARS IN CANCER BIOLOGY	JUN 2018	2018	50		142	151		https://doi.org/10.1016/j.semcan.2017.07.007	31	32	66252.5
Rational synthesis of a luminescent uncommon (3,4,6)-c connected Zn(II) MOF: a dual channel sensor for the detection of nitroaromatics and ferric ions	Ma, Aiqing; Wu, Jian; Han, Yutong; Chen, Fuming; Li, Baohong; Cai, Shaoge; Huang, Hui; Singh, Amita; Kumar, Abhinav; Liu, Jianqiang	DALTON TRANSACTIONS	AUG 7 2018	2018	47	29	9627	9633		https://doi.org/10.1039/c8dt01923a	30	32	64135.5
A new Zn(II) metal-organic framework having 3D CdSO ₄ topology as luminescent sensor and photocatalyst for degradation of organic dyes	Jin, Jun-Cheng; Wu, Jian; Liu, Wei-Cong; Ma, Ai-Qing; Liu, Jian-Qiang; Singh, Amita; Kumar, Abhinav	NEW JOURNAL OF CHEMISTRY	FEB 21 2018	2018	42	4	2767	2775		https://doi.org/10.1039/c7nj04355d	25		53534.5
Synthesis and enhanced electrochemical performance of PANI/Fe ₃ O ₄ nanocomposite as supercapacitor electrode	Prasankumar, Thibeorchews; Wiston, Biny R.; Gautam, C. R.; Ilangovan, Rajangam; Jose, Sujin P.	JOURNAL OF ALLOYS AND COMPOUNDS	AUG 15 2018	2018	757		466	475		https://doi.org/10.1016/j.jallcom.2018.05.108	24		51417.5
Analysis of birefringence property of three different nematic liquid crystals dispersed with TiO ₂ nanoparticles	Pathak, G.; Katiyar, R.; Agrahari, K.; Srivastava, A.; Dabrowski, R.; Garbat, K.; Manohar, R.	OPTO-ELECTRONICS REVIEW	MAR 2018	2018	26	1	11	18		https://doi.org/10.1016/j.opelre.2017.11.005	23		49300.5

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An evaluation for the standardization of the Allium cepa test as cytotoxicity and genotoxicity assay	Bonciu, Elena, I; Firbas, Peter; Fontanetti, Carmem S.; Wusheng, Jiang; Karaismailoglu, Mehmet Cengiz; Liu, Donghua; Menicucci, Felicia; Pesnya, Dmitry S.; Popescu, Aurel; Romanovsky, Anton V.; Schiff, Silvia; Slusarczyk, Joanna; de Souza, Cleiton P.; Srivastava, Alka; Sutan, Anca; Papini, Alessio	CARYOLOGIA	2018	2018	71	3	191	209		https://doi.org/10.1080/00087114.2018.1503496	23	16	49308.5
Determination of strength and modulus of elasticity of heterogenous sedimentary rocks: An ANFIS predictive technique	Umrao, Ravi Kumar; Sharma, L. K.; Singh, Rajesh; Singh, T. N.	MEASUREMENT	OCT 2018	2018	126		194	201		https://doi.org/10.1016/j.measurement.2018.05.064	17	20	36608.5
Monitoring of morphotoxic, cytotoxic and genotoxic potential of mancozeb using Allium assay	Fatma, Firdos; Verma, Sonam; Kamal, Aisha; Srivastava, Alka	CHEMOSPHERE	MAR 2018	2018	195		864	870		https://doi.org/10.1016/j.chemosphere.2017.12.052	16	16	34489.5
Tuning of birefringence, response time, and dielectric anisotropy by the dispersion of fluorescent dye into the nematic liquid crystal	Pathak, Govind; Agrahari, Kaushlendra; Yadav, Geeta; Srivastava, Atul; Strzezysz, Olga; Manohar, Rajiv	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	JUL 2018	2018	124	7			463	https://doi.org/10.1007/s00339-018-1878-9	15	14	32371.5
Performance evaluation of a rooftop solar photovoltaic power plant in Northern India	Yadav, Satish Kumar; Bajpai, Usha	ENERGY FOR SUSTAINABLE DEVELOPMENT	APR 2018	2018	43		130	138		https://doi.org/10.1016/j.esd.2018.01.006	14	22	30258.5
The utilization of a stable 2D bilayer MOF for simultaneous study of luminescent and photocatalytic properties: experimental studies and theoretical analysis	Wu, Xiren; Shen, Xin; Fan, Shuran; Trivedi, Manoj; Li, Boahong; Kumar, Abhinav; Liu, Jianqiang	RSC ADVANCES	2018	2018	8	42	23529	23538		https://doi.org/10.1039/c8ra04145h	14	12	30253.5

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An in vivo analysis of Cr6+ induced biochemical, genotoxicological and transcriptional profiling of genes related to oxidative stress, DNA damage and apoptosis in liver of fish, Channa punctatus (Bloch, 1793)	Awasthi, Yashika; Ratn, Arun; Prasad, Rajesh; Kumar, Manoj; Trivedi, Sunil P.	AQUATIC TOXICOLOGY	JUL 2018	2018	200		158	167		https://doi.org/10.1016/j.aquatox.2018.05.001	13		28130.5
Exploring the novel heterocyclic derivatives as lead molecules for design and development of potent anticancer agents	Azad, Iqbal; Nasibullah, Malik; Khan, Tahmeena; Hassan, Firoj; Akhter, Yusuf	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	MAY 2018	2018	81		211	228		https://doi.org/10.1016/j.jmglm.2018.02.013	13	13	28137
Cd1-XZnXS/ZnS core/shell quantum dots in nematic liquid crystals to improve material parameter for better performance of liquid crystal based devices	Rastogi, Ayushi; Pathak, Govind; Srivastava, Atul; Herman, Jakub; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	APR 1 2018	2018	255		93	101		https://doi.org/10.1016/j.molliq.2018.01.132	13		28130.5
Mechanistic regulation of epithelial-to-mesenchymal transition through RAS signaling pathway and therapeutic implications in human cancer	Tripathi, Kiran; Garg, Minal	JOURNAL OF CELL COMMUNICATION AND SIGNALING	SEP 2018	2018	12	3	513	527		https://doi.org/10.1007/s12079-017-0441-3	12	11	26019
Difference in control between spring and autumn migration in birds: insight from seasonal changes in hypothalamic gene expression in captive buntings	Sharma, Aakansha; Singh, Devraj; Malik, Shalie; Gupta, Neelu Jain; Rani, Sangeeta; Kumar, Vinod	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	AUG 29 2018	2018	285	1885			2E+07	https://doi.org/10.1098/rspb.2018.1531	12	11	26019
Determination of thermal damage in rock specimen using intelligent techniques	Sirdesai, Nikhil Ninad; Singh, Alok; Sharma, Lakshmi Kant; Singh, Rajesh; Singh, T. N.	ENGINEERING GEOLOGY	MAY 18 2018	2018	239		179	194		https://doi.org/10.1016/j.enggeo.2018.03.027	12	13	26020
Fluorescence sensing and photocatalytic properties of a 2D stable and biocompatible Zn(II)-based polymer	Wu, Jian; Li, Bao-Hong; Zhong, Hua-Rui; Qiu, Shuo-Wen; Liang, Yi-Wen; Zhuang, Xiao-Yi; Singh, Amita; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	APR 15 2018	2018	1158		264	270		https://doi.org/10.1016/j.molstruc.2018.01.028	12	13	26020

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Azole resistance in a Candida albicans mutant lacking the ABC transporter CDR6/ROA1 depends on TOR signaling	Khandelwal, Nitesh Kumar; Chauhan, Neeraj; Sarkar, Parijat; Esquivel, Brooke D.; Coccetti, Paola; Singh, Ashutosh; Coste, Alix T.; Gupta, Meghna; Sanglard, Dominique; White, Theodore C.; Chauvel, Murielle; d'Enfert, Christophe; Chattopadhyay, Amitabha; Gaur, Naseem A.; Mondal, Alok Kumar; Prasad, Rajendra	JOURNAL OF BIOLOGICAL CHEMISTRY	JAN 12 2018	2018	293	2	412	432		https://doi.org/10.1074/jbc.M117.807032	12	15	26021
Manifestation of strong magneto-electric dipolar coupling in ferromagnetic nanoparticles-FLC composite: evaluation of time-dependent memory effect	Vimal, Tripti; Pandey, Shivani; Gupta, Swadesh K.; Singh, Dharmendra P.; Agrahari, Kaushlendra; Pathak, Govind; Kumar, Sumit; Tripathi, Pankaj K.; Manohar, Rajiv	LIQUID CRYSTALS	2018	2018	45	5	687	697		https://doi.org/10.1080/02678292.2017.1375564	12		26013.5
Preparation, optical and electrical properties of bismuth substituted lead titanate borosilicate glass and glass ceramics	Madheshiya, Abhishek; Gautam, Chandkiram; Upadhyay, Shail	JOURNAL OF NON-CRYSTALLINE SOLIDS	DEC 15 2018	2018	502		118	127		https://doi.org/10.1016/j.jnoncrysol.2018.07.068	10	10	21784.5
Dual photoluminescence and charge transport in an alkoxy biphenyl benzoate ferroelectric liquid crystalline-graphene oxide composite	Singh, Dharmendra Pratap; Duponchel, Benoit; Boussoualem, Yahia; Agrahari, Kaushlendra; Manohar, Rajiv; Kumar, Veeresh; Pasricha, Renu; Pujar, Gonibasappa H.; Inamdar, Sanjeev R.; Douali, Redouane; Daoudi, Abdelylah	NEW JOURNAL OF CHEMISTRY	OCT 21 2018	2018	42	20	16682	16693		https://doi.org/10.1039/c8nj02985g	10	9	21784

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Enhancement in NBE emission and optical band gap by Al doping in nanocrystalline ZnO thin films	Kumar, N.; Srivastava, A.	OPTO-ELECTRONICS REVIEW	MAR 2018	2018	26	1	1	10		https://doi.org/10.1016/j.opelre.2017.11.001	10	9	21784
On the hypergeometric matrix functions of two variables	Dwivedi, Ravi; Sahai, Vivek	LINEAR & MULTILINEAR ALGEBRA	2018	2018	66	9	1819	1837		https://doi.org/10.1080/03081087.2017.1373732	10	12	21785.5
Modulation in the conformational and stability attributes of the Alzheimer's disease associated amyloid-beta mutants and their favorable stabilization by curcumin: molecular dynamics simulation analysis	Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2018	2018	36	2	407	422		https://doi.org/10.1080/07391102.2017.1279078	10		21779.5
Impact of weight loss on sperm DNA integrity in obese men	Mir, J.; Franken, D.; Andrabi, S. W.; Ashraf, M.; Rao, K.	ANDROLOGIA	MAY 2018	2018	50	4			e12957	https://doi.org/10.1111/and.12957	9	10	19667.5
InP/ZnS quantum-dot-dispersed nematic liquid crystal illustrating characteristic birefringence and enhanced electro-optical parameters	Roy, Aradhana; Pathak, Govind; Herman, Jakob; Inamdar, Sanjeev R.; Srivastava, Atul; Manohar, Rajiv	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	MAR 2018	2018	124	3			273	https://doi.org/10.1007/s00339-018-1678-2	9	9	19667
Genotoxicity assessment of pesticide profenofos in freshwater fish Channa punctatus (Bloch) using comet assay and random amplified polymorphic DNA (RAPD)	Pandey, Atindra Kumar; Nagpure, Naresh S.; Trivedi, Sunil P.	CHEMOSPHERE	NOV 2018	2018	211		316	323		https://doi.org/10.1016/j.chemosphere.2018.07.182	8	9	17550

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Synthesis and 3D Interconnected Nanostructured h-BN-Based Biocomposites by Low-Temperature Plasma Sintering: Bone Regeneration Applications	Gautam, Chandkiram; Chakravarty, Dibyendu; Gautam, Amarendra; Tiwary, Chandra Sekhar; Woellner, Cristiano Francisco; Mishra, Vijay Kumar; Ahmad, Naseer; Ozden, Sehmus; Jose, Sujin; Biradar, Santoshkumar; Vajtai, Robert; Trivedi, Ritu; Galvao, Douglas S.; Ajayan, Pulickel M.	ACS OMEGA	JUN 2018	2018	3	6	6013	6021		https://doi.org/10.1021/acsomega.8b00707	8	9	17550
Processing and optical characterization of lead calcium titanate borosilicate glass doped with germanium	Gautam, C. R.; Das, Sangeeta; Gautam, S. S.; Madheshiya, Abhishek; Singh, Anod Kumar	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	APR 2018	2018	115		180	186		https://doi.org/10.1016/j.jpics.2017.12.038	8	6	17548.5
The Role of Ceramide Synthases in the Pathogenicity of Cryptococcus neoformans	Munshi, Mansa A.; Gardin, Justin M.; Singh, Ashutosh; Luberto, Chiara; Rieger, Robert; Bouklas, Tejas; Fries, Bettina C.; Del Poeta, Maurizio	CELL REPORTS	FEB 6 2018	2018	22	6	1392	1400		https://doi.org/10.1016/j.celrep.2018.01.035	8	9	17550
Structure elucidation of a novel oligosaccharide (Medalose) from camel milk	Gangwar, Lata; Singh, Rinku; Deepak, Desh	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2018	2018	1153		157	161		https://doi.org/10.1016/j.molstruc.2017.10.006	8	8	17549.5
Effect of La ₂ O ₃ concentration on structural, optical and cytotoxicity behaviours of strontium titanate borosilicate glasses	Singh, Anod Kumar; Gautam, Chandkiram; Madheshiya, Abhishek; Mishra, Vijay Kumar; Ahmad, Naseer; Trivedi, Ritu	JOURNAL OF NON-CRYSTALLINE SOLIDS	FEB 1 2018	2018	481		176	183		https://doi.org/10.1016/j.jnoncrysol.2017.10.049	8		17545.5
Analysis of electro-optical and dielectric parameters of TiO ₂ nanoparticles dispersed nematic liquid crystal	Katiyar, Rohit; Pathak, Govind; Srivastava, Atul; Herman, Jakub; Manohar, Rajiv	SOFT MATERIALS	2018	2018	16	2	126	133		https://doi.org/10.1080/1539445X.2018.1436562	8		17545.5

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Computational and Experimental FT- IR, NMR, UV-Vis Spectral Studies of 5,5'-(4-chlorophenyl)methylene)bis(1,3-dimethyl-6-(methylamino)pyrimidine-2,4(1H,3H)-dione)	Shukla, Shraddha; Bishnoi, Abha; Fatma, Shaheen; Verma, Anil Kumar; Devi, Poornima	CHEMISTRYSELECT	JUL 23 2018	2018	3	27	7800	7808		https://doi.org/10.1002/slct.201800802	7		15428.5
Positive Correlation between Matrix Metalloproteinases and Epithelial-to-Mesenchymal Transition and its Association with Clinical Outcome in Bladder Cancer Patients	Singh, R.; Mandhani, A.; Agrawal, V.; Garg, Minal	CANCER MICROENVIRONMENT	JUN 2018	2018	11	1	23	39		https://doi.org/10.1007/s12307-017-0199-4	7	7	15432
Cytotoxic Assessment of Chromium and Arsenic Using Chromosomal Behavior of Root Meristem in Allium cepa L.	Gupta, Kiran; Mishra, Kumkum; Srivastava, Sudhakar; Kumar, Amit	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	JUN 2018	2018	100	6	803	808		https://doi.org/10.1007/s00128-018-2344-2	7	6	15431.5
Inhibition of Heat Shock proteins HSP90 and HSP70 induce oxidative stress, suppressing cotton fiber development	Sable, Anshulika; Rai, Krishan M.; Choudhary, Amit; Yadav, Vikash K.; Agarwal, Sudhir K.; Sawant, Samir V.	SCIENTIFIC REPORTS	FEB 26 2018	2018	8				3620	https://doi.org/10.1038/s41598-018-21866-0	7	9	15433

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New national and regional bryophyte records, 56	Ellis, L. T.; Afonina, O. M.; Andriamiarisoa, R. L.; Asthana, G.; Bharti, R.; Aymerich, P.; Bambe, B.; Boiko, M.; Bruges, M.; Ruiz, E.; Saez, L.; Cano, M. J.; Ros, R.; Cihal, L.; Deme, J.; Csiky, J.; Dihoru, G.; Drevojan, P.; Ezer, T.; Fedosov, V. E.; Ignatova, E. A.; Seregin, A. P.; Garcia, C. A.; Martins, A.; Sergio, C.; Sim-Sim, M.; Rodrigues, A. S. B.; Gradstein, S. R.; Reeb, C.; Irmah, A.; Suleiman, M.; Koponen, T.; Kucera, J.; Lebouvier, M.; LiQun, Y.; Long, D. G.; Maksimov, A. I.; Maksimova, T. A.; Munoz, J.; Nobis, M.; Nowak, A.; Ochyra, R.; O'Leary, S. V.; Osorio, F.; Pisarenko, O. Yu.; Plasek, V.; Skoupa, Z.; Schaefer-Verwimp, A.; Schnyder, N.; Shevock, J. R.; Stefanut, S.; Sulayman, M.; Sun, B. - Y.; Park, S. J.; Tubanova, D. Ya.; Vana, J.; Wolski, G. J.; Yao, K. -Y.; Yoon, Y-J; Yucel, E.	JOURNAL OF BRYOLOGY	2018	2018	40	3	271	296		https://doi.org/10.1080/03736687.2018.1487687	7	9	15433
Exogenous Application of Salicylic Acid Mitigates the Toxic Effect of Pesticides in Vigna radiata (L.) Wilczek	Fatma, Firdos; Kamal, Aisha; Srivastava, Alka	JOURNAL OF PLANT GROWTH REGULATION	DEC 2018	2018	37	4	1185	1194		https://doi.org/10.1007/s00344-018-9819-6	6	8	13315.5

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Promoter variants of TNF-alpha rs1800629 and IL-10 rs1800871 are independently associated with the susceptibility of coronary artery disease in north Indian	Kumari, Reena; Kumar, Sandeep; Ahmad, Mohammad Kaleem; Singh, Rajeev; Kumar, Shashi Kant; Pradhan, Akshayaya; Chandra, Sharad; Kumar, Sudhir	CYTOKINE	OCT 2018	2018	110		131	136		https://doi.org/10.1016/j.cyto.2018.04.035	6		13311.5
Morphotoxicity and cytogenotoxicity of pendimethalin in the test plant Allium cepa L. - A biomarker based study	Verma, Sonam; Srivastava, Alka	CHEMOSPHERE	SEP 2018	2018	206		248	254		https://doi.org/10.1016/j.chemosphere.2018.04.177	6	7	13315
Cyto-genotoxic consequences of carbendazim treatment monitored by cytogenetical analysis using Allium root tip bioassay	Verma, Sonam; Srivastava, Alka	ENVIRONMENTAL MONITORING AND ASSESSMENT	APR 2018	2018	190	4			238	https://doi.org/10.1007/s10661-018-6616-4	6	4	13313.5
Green photoluminescence and photoconductivity from screen-printed Mg doped ZnO films	Kumar, Nishant; Srivastava, Anchal	JOURNAL OF ALLOYS AND COMPOUNDS	FEB 25 2018	2018	735		312	318		https://doi.org/10.1016/j.jallcom.2017.11.024	6	6	13314.5
Phytotoxicity of pesticides mancozeb and chlorpyrifos: correlation with the antioxidative defence system in Allium cepa	Fatma, Firdos; Verma, Sonam; Kamal, Aisha; Srivastava, Alka	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	FEB 2018	2018	24	1	115	123		https://doi.org/10.1007/s12298-017-0490-3	6	5	13314
Molecular structure and hydrogen bond interactions of a paracetamol-4,4'-bipyridine cocrystal studied using a vibrational spectroscopic and quantum chemical approach	Srivastava, Karnica; Khan, Eram; Shimpi, Manishkumar R.; Tandon, Poonam; Sinha, Kirti; Velaga, Sitaram P.	CRYSTENGCOMM	JAN 14 2018	2018	20	2	213	222		https://doi.org/10.1039/c7ce01505d	6		13311.5

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Impact of GSTM1, GSTT1 and GSTP1 genes polymorphisms on clinical toxicities and response to concomitant chemoradiotherapy in cervical cancer	Abbas, M.; Kushwaha, V. S.; Srivastava, K.; Raza, S. T.; Banerjee, M.	BRITISH JOURNAL OF BIOMEDICAL SCIENCE	2018	2018	75	4	169	174		https://doi.org/10.1080/09674845.2018.1482734	6	6	13314.5

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Neotectonic Activity from Karewa Sediments, Kashmir Himalaya, India	Agarwal, K. K.; Shah, R. A.; Achyuthan, H.; Singh, D. S.; Srivastava, S.; Khan, I.	GEOTECTONICS	JAN 2018	2018	52	1	88	99		https://doi.org/10.1134/S0016852118010028	6	5	13314
Terpenoids as promising therapeutic molecules against Alzheimer's disease: amyloid beta- and acetylcholinesterase-directed pharmacokinetic and molecular docking analyses	Awasthi, Manika; Upadhyay, Arun K.; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	MOLECULAR SIMULATION	2018	2018	44	1	1	11		https://doi.org/10.1080/08927022.2017.1334880	6		13311.5
Copper(I) tertiary phosphine xanthate complexes as single source precursors for copper sulfide and their application in the OER	Singh, Amita; Trivedi, Manoj; Singh, Pooja; Kociok-Kohn, Gabriele; Azad, Uday Pratap; Singh, Ashish Kumar; Kumar, Abhinav	NEW JOURNAL OF CHEMISTRY	DEC 7 2018	2018	42	23	18759	18764		https://doi.org/10.1039/c8nj03992e	5	5	11197
Dielectric and spectroscopic study of nano-sized diamond dispersed ferroelectric liquid crystal	Agrahari, Kaushlendra; Pathak, Govind; Vimal, Tripti; Kurp, Katarzyna; Srivastava, Atul; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	AUG 15 2018	2018	264		510	514		https://doi.org/10.1016/j.molliq.2018.05.097	5	6	11197.5
Oral Methotrexate in split dose weekly versus oral or parenteral Methotrexate once weekly in Rheumatoid Arthritis: a short-term study	Dhaon, Pooja; Das, Siddharth K.; Srivastava, Ragini; Agarwal, Girdhar; Asthana, Akash	INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES	MAY 2018	2018	21	5	1010	1017		https://doi.org/10.1111/1756-185X.12910	5	6	11197.5
Zn ²⁺ induced molecular responses associated with oxidative stress, DNA damage and histopathological lesions in liver and kidney of the fish, Channa punctatus (Bloch, 1793)	Ratn, Arun; Prasad, Rajesh; Awasthi, Yashika; Kumar, Manoj; Misra, Abha; Trivedi, Sunil P.	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	APR 30 2018	2018	151		10	20		https://doi.org/10.1016/j.ecoenv.2017.12.058	5		11194.5
Parametric optimization of dry sliding wear and friction of germanium doped lead calcium titanate borosilicate glass ceramic	Das, Sangeeta; Gautam, S. S.; Gautam, C. R.; Madheshiya, Abhishek; Dixit, U. S.	CERAMICS INTERNATIONAL	APR 15 2018	2018	44	6	6541	6550		https://doi.org/10.1016/j.ceramt.2018.01.056	5	3	11196

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Syntheses of nickel sulfides from 1,2-bis(diphenylphosphino)ethane nickel(II)dithiolates and their application in the oxygen evolution reaction	Singh, Amita; Yadau, Reena; Kociok-Kohn, Gabriele; Trivedi, Manoj; Azad, Uday Pratap; Singh, Ashish Kumar; Kumar, Abhinav	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	MAR 22 2018	2018	43	12	5985	5995		https://doi.org/10.1016/j.ijhydene.2018.02.043	5	6	11197.5
Geomorphic investigation of the Late-Quaternary landforms in the southern Zaskar Valley, NW Himalaya	Sharma, Shubhra; Hussain, Aadil; Mishra, Amit K.; Lone, Aasif; Solanki, Tarun; Khan, Mohammad Khatib	JOURNAL OF EARTH SYSTEM SCIENCE	FEB 2018	2018	127	1			9	https://doi.org/10.1007/s12040-017-0911-2	5	5	11197

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New national and regional bryophyte records, 54	Ellis, L. T.; Wilbraham, J.; Aleffi, M.; Asthana, A. K.; Rawat, K. K.; Gupta, D.; Sahu, V.; Katiyar, P.; Asthana, G.; Srivastava, A.; Barath, K.; Bednarek-Ochyra, H.; Bruno Silva, J.; Emanuely de Araujo Farias, C.; Rangel Germane, S.; Czernyadjeva, I. V.; Doroshina, G. Ya.; Delgadillo Moya, C.; Pena Retes, P.; Erzberger, P.; Fuertes, E.; Garcia-Avila, D.; Garilleti, R.; Hedderson, T. A.; West, A.; Hugonnot, V.; Kurschner, H.; Lagrandie, J.; Lara, F.; Draper, I.; Lebouvier, M.; Lonnell, N.; Hallingback, T.; Mesterhazy, A.; Munoz, J.; Nemeth, C. S.; Park, S. J.; Sun, B. -Y.; Perez, G.; Plasek, V.; Poponessi, S.; Vernanzoni, R.; Gigante, D.; Philippe, M.; Porley, R. D.; Sergio, C.; Ministro, P.; Stefanut, S.; Suarez, G. M.; Flores, J. R.; Sulayman, M.; Wilding, N.; Yoon, Y. -J.	JOURNAL OF BRYOLOGY	2018	2018	40	1	74	97		https://doi.org/10.1080/03736687.2018.1425573	5	5	11197
Optical properties of ZnO nanoparticles synthesized by co-precipitation method using LiOH	Katiyar, Anu; Kumar, Nishant; Srivastava, Anchal	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9144	9147		https://www.science-direct.com/science/article/pii/S214785317320400	5	6	11197.5

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Dispersion of fluorescent dye in the nematic liquid crystal: Enhanced photoluminescence and high birefringence	Pathak, G.; Agrahari, K.; Roy, A.; Srivastava, A.; Strzezysz, O.; Garbat, K.; Manohar, R.	OPTO-ELECTRONICS REVIEW	DEC 2018	2018	26	4	317	324		https://doi.org/10.1016/j.opelre.2018.10.003	4	5	9080
Kinetics of complex formation of Fe(III) with syringic acid: Experimental and theoretical study	Singh, Kaman; Kumar, Ajay	FOOD CHEMISTRY	NOV 1 2018	2018	265		96	100		https://doi.org/10.1016/j.foodchem.2018.05.071	4		9077.5
Alteration in lipid composition differentiates breast cancer tissues: a H-1 HRMAS NMR metabolomic study	Paul, Anup; Kumar, Surendra; Raj, Anubhav; Sonkar, Abhinav A.; Jain, Sudha; Singhai, Atin; Roy, Raja	METABOLOMICS	SEP 2018	2018	14	9			119	https://doi.org/10.1007/s11306-018-1411-3	4		9077.5
Tailoring UV-blue sensitization effect in enhancing near infrared emission in X, Yb3+: CaGa2O4 (X=0, Eu3+, Bi3+, Cr3+) phosphor for solar energy conversion	Rai, Monika; Mishra, Kavita; Rai, S. B.; Morthekai, P.	MATERIALS RESEARCH BULLETIN	SEP 2018	2018	105		192	201		https://doi.org/10.1016/j.materresbull.2018.04.051	4		9077.5
Synthesis, spectroscopic analysis (FT-IR, UV and NMR) and DFT analysis of novel prodrugs of pregnane, their apoptotic activity in cervical cancer cell lines	Sethi, Arun; Singh, Ranvijay Pratap; Yadav, Neera; Banerjee, Monisha	JOURNAL OF MOLECULAR STRUCTURE	AUG 15 2018	2018	1166		54	62		https://doi.org/10.1016/j.molstruc.2018.04.009	4	4	9079.5
An in vitro analysis of the rat C6 glioma cells to elucidate the linear alkylbenzene sulfonate induced oxidative stress and consequent G2/M phase cell cycle arrest and cellular apoptosis	Shukla, Anubha; Trivedi, Sunil P.	CHEMOSPHERE	AUG 2018	2018	205		443	451		https://doi.org/10.1016/j.chemosphere.2018.04.127	4	5	9080
Association of vitamin D receptor gene polymorphism (TaqI and Apa1) with bone mineral density in North Indian postmenopausal women	Ahmad, Israr; Jafar, Tabrez; Mahdi, Farzana; Ameta, Keerti; Arshad, Md.; Das, Siddharth Kumar; Waliullah, Shah; Rizvi, Imran; Mahdi, Abbas Ali	GENE	JUN 15 2018	2018	659		123	127		https://doi.org/10.1016/j.gene.2018.03.052	4	6	9080.5

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1,1-Bis(diphenylphosphino)ferrocene-appended nickel(ii) dithiolates as sensitizers in dye-sensitized solar cells	Singh, Amita; Singh, Pooja; Kociok-Kohn, Gabriele; Trivedi, Manoj; Kumar, Abhinav; Chauhan, Ratna; Rane, Sunit B.; Terashima, Chiaki; Gosavi, Suresh W.; Fujishima, Akira	NEW JOURNAL OF CHEMISTRY	JUN 7 2018	2018	42	11	9306	9316		https://doi.org/10.1039/c8nj00855h	4		9077.5
L-Proline/CeCl ₃ center dot 7H(2)O-Nal mediated stereoselective synthesis of alpha-2-deoxy glycosides from glucal	Gupta, Mukul R.; Thakur, Kratima; Khare, Naveen K.	CARBOHYDRATE RESEARCH	MAR 2 2018	2018	457		51	55		https://doi.org/10.1016/j.carres.2018.01.003	4		9077.5
Study of Photoconductivity and Photoluminescence in ZnO Microstructures Synthesized by Thermal Decomposition of Zinc Nitrate	Saxena, Ravi S.; Srivastava, Rajneesh K.; Mishra, S. K.; Shukla, R. K.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	MAR 2018	2018	88	1	157	162		https://doi.org/10.1007/s40010-016-0321-x	4	4	9079.5
Supramolecular architecture of organotin(IV) N-methyl ferrocenyl N-ethanol dithiocarbamates: Crystallographic and computational studies	Kumar, Abhinav; Singh, Amita; Yadav, Reena; Singh, Suryabhan; Kociok-Kohn, Gabriele; Trivedi, Manoj	INORGANICA CHIMICA ACTA	FEB 24 2018	2018	471		234	243		https://doi.org/10.1016/j.ica.2017.11.016	4	4	9079.5
Transcriptome changes induced by abiotic stresses in Artemisia annua	Vashisth, Divya; Kumar, Ritesh; Rastogi, Shubhra; Patel, Vikas Kumar; Kalra, Alok; Gupta, Madan Mohan; Gupta, Anil Kumar; Shasany, Ajit Kumar	SCIENTIFIC REPORTS	FEB 21 2018	2018	8				3423	https://doi.org/10.1038/s41598-018-21598-1	4	3	9079
Structural and spectroscopic analysis of indole alkaloids: Molecular docking and DFT approach	Singh, Harshita; Singh, Swapnil; Agarwal, Parag; Tandon, Poonam; Erande, Rohan D.; Dethe, Dattatraya H.	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2018	2018	1153		262	274		https://doi.org/10.1016/j.molstruc.2017.10.026	4	5	9080
On the hypergeometric matrix functions of several variables	Dwivedi, Ravi; Sahai, Vivek	JOURNAL OF MATHEMATICAL PHYSICS	FEB 2018	2018	59	2			23505	https://doi.org/10.1063/1.5019334	4	5	9080

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Prostate cancer health disparities: An immunobiological perspective	Kumar, Sanjay; Singh, Rajesh; Malik, Shalie; Mamie, Upender; Mishra, Manoj	CANCER LETTERS	FEB 1 2018	2018	414		153	165		https://doi.org/10.1016/j.canlet.2017.11.011	4	3	9079
CuInS ₂ /ZnS QD-ferroelectric liquid crystal mixtures for faster electro-optical devices and their energy storage aspects	Singh, Dharmendra Pratap; Vimal, Tripti; Mange, Yatin J.; Varia, Mahesh C.; Nann, Thomas; Pandey, K. K.; Manohar, Rajiv; Douali, Redouane	JOURNAL OF APPLIED PHYSICS	JAN 21 2018	2018	123	3			34101	https://doi.org/10.1063/1.5021474	4		9077.5
Phase transition analysis of V-shaped liquid crystal: Combined temperature-dependent FTIR and density functional theory approach	Singh, Swapnil; Singh, Harshita; Karthick, T.; Tandon, Poonam; Prasad, Veena	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JAN 5 2018	2018	188		561	570		https://doi.org/10.1016/j.saa.2017.07.043	4	4	9079.5
Epithelial plasticity and metastatic cascade	Garg, Minal	EXPERT OPINION ON THERAPEUTIC TARGETS	2018	2018	22	1	5	7		https://doi.org/10.1080/14728222.2018.1407312	4	3	9079
Influence of cadmium and phosphorus enhance absorption and membrane damage in wheat seedlings grown in nutrient medium	Kumar, Ram; Gopal, Rajeev; Sharma, Y. K.	JOURNAL OF PLANT NUTRITION	2018	2018	41	6	793	805		https://doi.org/10.1080/01904167.2018.1426015	4	3	9079
Plasticity in reproductive output and development in response to thermal variation in ladybird beetle, <i>Menochilus sexmaculatus</i>	Singh, Shashwat; Mishra, Geetanjali; Omkar	JOURNAL OF THERMAL BIOLOGY	JAN 2018	2018	71		180	188		https://doi.org/10.1016/j.jtherbio.2017.11.010	4	3	9079
Familiarity dominates relatedness in mate selection in ladybirds	Saxena, S.; Mishra, G.; Omkar	JOURNAL OF ZOOLOGY	JAN 2018	2018	304	1	55	64		https://doi.org/10.1111/jzo.12497	4	3	9079
<i>Thalictrum nainitalense</i> (Ranunculaceae), a new species from the Uttarakhand Himalaya, India	Singh, Harsh; Srivastava, Alka; Kumar, Amit; Sundaresan, Velusamy; Husain, Tariq	FOLIA GEOBOTANICA	DEC 2018	2018	53	4	449	455		https://doi.org/10.1007/s12224-018-9326-3	3	2	6961.5

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Combinatorial effect of curcumin and tumor necrosis factor- α -related apoptosis-inducing ligand (TRAIL) in induction of apoptosis via inhibition of nuclear factor kappa activity and enhancement of caspase-3 activity in chronic myeloid cells: An In-vitro study	Iqbal, Bushra; Ghildiyal, Archana; Singh, Shraddha; Siddiqui, Sahabjada; Kumari, Pratibha; Arshad, M.; Mahdi, A. A.	JOURNAL OF CANCER RESEARCH AND THERAPEUTICS	DEC 2018	2018	14		S1193	S1200		https://doi.org/10.4103/jcrt.JCRT.348.18	3		6960.5
A polyhedral metal-organic framework based on rigid precursor for photocatalytic properties	Wang, Fumin; Liu, Weicong; Li, Saying; Gable, Robert W.; Zhong, Huarui; Xu, Qiuxia; Huang, Gaoxiang; Singh, Amita; Liu, Jianqiang; Kumar, Abhinav	INORGANIC CHEMISTRY COMMUNICATIONS	NOV 2018	2018	97		109	112		https://doi.org/10.1016/j.inoche.2018.09.025	3	3	6962
Intermolecular interactions in binary mixtures of 2-diethylethanamine with 1-propanol and 1-butanol at different temperatures	Srivastava, Reetesh; Awasthi, Anjali; Pandey, Vrijesh Kumar; Awasthi, Aashees	JOURNAL OF CHEMICAL THERMODYNAMICS	NOV 2018	2018	126		11	21		https://doi.org/10.1016/j.jct.2018.06.007	3	3	6962
Investigation of several essential display features for the low birefringent nematic liquid crystal dispersed with polymer	Pathak, Govind; Rastogi, Ayushi; Singh, Bhupendra Pratap; Srivastava, Atul; Strzezysz, Olga; Manohar, Rajiv	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	NOV 2018	2018	124	11			732	https://doi.org/10.1007/s00339-018-2149-5	3	3	6962
Comparative morphological and anatomical studies of leaves, stem, and roots of <i>Selinum vaginatum</i> C. B. Clarke and <i>Selinum tenuifolium</i> Wall	Srivastava, Ravi Prakash; Dixit, Pooja; Singh, Lav; Verma, Praveen C.; Saxena, Gauri	FLORA	NOV 2018	2018	248		54	60		https://doi.org/10.1016/j.flora.2018.08.017	3	3	6962
Bright light at night alters the perception of daylength in Indian weaver bird (<i>Ploceus philippinus</i>)	Kumar, Jayant; Malik, Shalie; Bhardwaj, Sanjay Kumar; Rani, Sangeeta	JOURNAL OF EXPERIMENTAL ZOOLOGY PART A- ECOLOGICAL AND INTEGRATIVE PHYSIOLOGY	OCT-NOV 2018	2018	329	8-9	488	496		https://doi.org/10.1002/jez.2201	3	4	6962.5
Scotostimulation of reproductive neural pathways and gonadal maturation are not correlated with hypothalamic expression of deiodinases in subtropical spotted munia	Mishra, Ila; Agarwal, Neha; Rani, Sangeeta; Kumar, Vinod	JOURNAL OF NEUROENDOCRINOLOGY	SEP 2018	2018	30	9			UNSP e12627	https://doi.org/10.1111/jne.12627	3	3	6962

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Structural and vibrational characteristics of a non-linear optical material 3-(4-nitrophenyl)-1-(pyridine-3-yl) prop-2-en-1-one probed by quantum chemical computation and spectroscopic techniques	Kumar, Ram; Karthick, T.; Tandon, Poonam; Agarwal, Parag; Menezes, Anthoni Praveen; Jayarama, A.	JOURNAL OF MOLECULAR STRUCTURE	JUL 15 2018	2018	1164		180	190		https://doi.org/10.1016/j.molstruc.2018.03.060	3		6960.5
Decreased level of histone acetylation in the infralimbic prefrontal cortex following immediate extinction may result in deficit of extinction memory	Singh, Sanjay; Siddiqui, Sarfraz Ahmad; Tripathy, Sukanya; Kumar, Shiv; Saha, Sudipta; Ugale, Rajesh; Modi, Dinesh Raj; Prakash, Anand	BRAIN RESEARCH BULLETIN	JUN 2018	2018	140		355	364		https://doi.org/10.1016/j.brainresbull.2018.06.004	3	3	6962
Morphometric Parameters and Neotectonics of Kalyani River Basin, Ganga Plain: A Remote Sensing and GIS Approach	Kumar, Dharendra; Sen Singh, Dhruv; Prajapati, Shailendra Kaumar; Khan, Imran; Gautam, Pawan Kumar; Vishwakarma, Balkrishan	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	JUN 2018	2018	91	6	679	686		https://doi.org/10.1007/s12594-018-0923-9	3	3	6962
Diminution of arsenic accumulation in rice seedlings co-cultured with Anabaena sp.: Modulation in the expression of lower silicon transporters, two nitrogen dependent genes and lowering of antioxidants activity	Ranjan, Ruma; Kumar, Navin; Dubey, Arvind Kumar; Gautam, Ambedkar; Pandey, Shyam Narain; Mallick, Shekhar	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	APR 30 2018	2018	151		108	117		https://doi.org/10.1016/j.ecoenv.2017.12.056	3	4	6962.5
Synthesis, spectroscopic and DFT studies of novel 4-(morpholinomethyl)-5-oxo-1-phenylpyrrolidine-3-carboxylic acid	Devi, Poornima; Fatma, Shaheen; Bishnoi, Abha; Srivastava, Krishna; Shukla, Shraddha; Kumar, Roop	JOURNAL OF MOLECULAR STRUCTURE	APR 5 2018	2018	1157		551	559		https://doi.org/10.1016/j.molstruc.2017.12.065	3	3	6962
Quantum chemical calculations and molecular docking studies of 5-(4-chlorobenzylidene)thiazolidine-2,4-dione(CTD) and its mannich product 5-(4-chlorobenzylidene)-3-(morpholinomethyl)thiazolidine-2,4-dione (CMTD)	Fatma, Shaheen; Bishnoi, Abha; Verma, Anil Kumar; Singh, Vineeta; Srivastava, Krishna	JOURNAL OF MOLECULAR STRUCTURE	APR 5 2018	2018	1157		177	190		https://doi.org/10.1016/j.molstruc.2017.12.051	3	3	6962
Spectroscopic and theoretical studies of dalbergin and Methylalbergin	Shweta; Khan, Eram; Tandon, Poonam; Bharti, Purnima; Kumar, Padam; Maurya, Rakesh	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2018	2018	1156		243	254		https://doi.org/10.1016/j.molstruc.2017.11.117	3	3	6962

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Alkalized borazine: A simple recipe to design closed-shell superalkalis	Srivastava, Ambrish Kumar; Tiwari, Sugriva Nath; Misra, Neeraj	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	MAR 15 2018	2018	118	6			e25507	https://doi.org/10.1002/qua.25507	3	2	6961.5
Two Chemically Stable Cd(II) Polymers as Fluorescent Sensor and Photocatalyst for Aromatic Dyes	Wang, Jun; Wu, Jian; Lu, Lu; Ma, Ai-Qing; Hu, Wan-Shan; Wu, Wei-Ping; Wu, Yu; Sun, Yan-Chun; Singh, Amita; Kumar, Abhinav	POLYMERS	MAR 2018	2018	10	3			274	https://doi.org/10.3390/polym10030274	3	3	6962
Impact of rapid urbanization on water quality index in groundwater fed Gomati River, Lucknow, India	Goel, Pooja; Saxena, Abhishek; Sen Singh, Dhruv; Verma, Deepti	CURRENT SCIENCE	FEB 10 2018	2018	114	3	650	654		https://doi.org/10.18520/cs/v114/i03/650-654	3	4	6962.5
Nonlinear electromagnetic propagation in ionosphere: Inclusion of electron temperature dependence of the collision parameter (δ)	Sodha, Mahendra Singh; Verma, R. K.	PHYSICS OF PLASMAS	FEB 2018	2018	25	2			22302	https://doi.org/10.1063/1.5011788	3		6960.5
Virus-Induced Silencing of Key Genes Leads to Differential Impact on Withanolide Biosynthesis in the Medicinal Plant, <i>Withania somnifera</i>	Agarwal, Aditya Vikram; Singh, Deeksha; Dhar, Yogeshwar Vikram; Michael, Rahul; Gupta, Parul; Chandra, Deepak; Trivedi, Prabodh Kumar	PLANT AND CELL PHYSIOLOGY	FEB 2018	2018	59	2	262	274		https://doi.org/10.1093/pcp/pcx179	3		6960.5
Natural Products as Anticancerous Therapeutic Molecules with Special Reference to Enzymatic Targets Topoisomerase, COX, LOX and Aromatase	Singh, Swati; Awasthi, Manika; Pandey, Veda P.; Dwivedi, Upendra N.	CURRENT PROTEIN & PEPTIDE SCIENCE	2018	2018	19	3	238	274		https://doi.org/10.2174/1389203718666170106102223	3		6960.5
PARTICLE ACCELERATION BY WHISTLER PULSE IN HIGH DENSITY PLASMA	Kumar, Punit; Singh, Abhishek Kumar; Singh, Shiv	PLASMA AND FUSION SCIENCE: FROM FUNDAMENTAL RESEARCH TO TECHNOLOGICAL APPLICATIONS	2018	2018			373	384			3		6960.5

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A fluorescent Cd(II) based 2-D coordination polymer for highly selective detection of nitroaromatics and Hg ²⁺	Wu, Yu; Wang, Rui; Liu, Ying-Le; Li, Yu-Long; He, Yong-Xiang; Liang, Yi-Wen; Man, Jian-Hui; Kumar, Abhinav	JOURNAL OF COORDINATION CHEMISTRY	2018	2018	71	9	1403	1414		https://doi.org/10.1080/00958972.2018.1459579	3		6960.5
Temporal expression of clock genes in central and peripheral tissues of spotted munia under varying light conditions: Evidence for circadian regulation of daily physiology in a non-photoperiodic circannual songbird species	Agarwal, Neha; Mishra, Ila; Rani, Sangeeta; Kumar, Vinod	CHRONOBIOLOGY INTERNATIONAL	2018	2018	35	5	617	632		https://doi.org/10.1080/07420528.2017.1422742	3		6960.5
Optical and sensing properties of Al doped ZnO nanocrystalline thin films prepared by spray pyrolysis	Shukla, R. K.; Kumar, Nishant; Srivastava, Anchal; Pandey, Akhilesh; Pandey, Mamta	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9102	9107			3		6960.5
DFT Study on Planar (CaO) (n) Rings (n=1-5) and Their Hydrogen Storage Behavior: Ca-O Versus Mg-O Clusters	Srivastava, Ambrish Kumar; Misra, Neeraj; Pandey, Sarvesh Kumar	JOURNAL OF CLUSTER SCIENCE	JAN 2018	2018	29	1	57	65		https://doi.org/10.1007/s10876-017-1306-x	3		6960.5
Inclusion results for certain classes of analytic functions associated with a new fractional differintegral operator	Srivastava, H. M.; Sharma, Poonam; Raina, R. K.	REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS	JAN 2018	2018	112	1	271	292		https://doi.org/10.1007/s13398-017-0377-8	3		6960.5
A computational study on semiconducting Si-60, Si59Al and Si59P nanocages	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	JAN 2018	2018	691		82	86		https://doi.org/10.1016/j.cplett.2017.11.001	3		6960.5
Effect of synthesis route on structure and dielectric properties of (1-x)BiFeO ₃ -xBaTiO ₃ solid solutions and its phase diagram	Singh, Anar; Kumar, Arun; Pandey, Dhananjai	JOURNAL OF APPLIED PHYSICS	DEC 14 2018	2018	124	22			224101	https://doi.org/10.1063/1.5043164	2		4843.5
Climate events between 47.5 and 1 ka BP in glaciated terrain of the Ny-Alesund region, Arctic, using geomorphology and sedimentology of diversified morphological zones	Sen Sing, Dhruv; Dubey, Chetan Anand; Kumar, Dhirendra; Kumar, Pankaj; Ravindra, Rasik	POLAR SCIENCE	DEC 2018	2018	18		123	134		https://doi.org/10.1016/j.polar.2018.05.003	2		4843.5

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Meltwater flux and climate change record of last 18.5 ka from Schirmacher Oasis, East Antarctica	Govil, Pawan; Mazumder, Abhijit; Ram, Raghu; Singh, Dhruv Sen; Azharuddin, Syed	POLAR SCIENCE	DEC 2018	2018	18		135	141		https://doi.org/10.1016/j.polar.2018.05.001	2		4843.5
Taxonomic validation of five fish species of subfamily Barbinae from the Ganga river system of northern India using traditional and truss analyses	Gupta, Deepmala; Dwivedi, Arvind Kumar; Tripathi, Madhu	PLOS ONE	OCT 26 2018	2018	13	10			e0206031	https://doi.org/10.1371/journal.pone.0206031	2		4843.5
COX-2/EP2-EP4/beta-catenin signaling regulates patulin-induced intestinal cell proliferation and inflammation	Singh, Neha; Bansal, Megha; Pal, Saurabh; Alam, Shamshad; Jagdale, Pankaj; Ayanur, Anjaneya; Ansari, Kausar Mahmood	TOXICOLOGY AND APPLIED PHARMACOLOGY	OCT 1 2018	2018	356		224	234		https://doi.org/10.1016/j.taap.2018.08.009	2		4843.5
Generation of of circularly polarized harmonic radiation by two color laser beams propagating in plasma	Sharma, Pooja; Agrawal, Ekta; Jha, Pallavi	PHYSICS OF PLASMAS	SEP 2018	2018	25	9			93102	https://doi.org/10.1063/1.5030743	2		4843.5
A novel Seahorse-shaped, small-scale structure from Almora Crystalline Zone, Uttarakhand, India	Agarwal, K. K.; Bali, R.; Joshi, G.; Agarwal, A.	INTERNATIONAL JOURNAL OF EARTH SCIENCES	SEP 2018	2018	107	6	2063	2064		https://doi.org/10.1007/s00531-017-1547-9	2		4843.5
Base controlled diverse reactivity of allyl cyanide for synthesis of multi-substituted benzenes	Yadav, Pratik; Shaw, Ranjay; Elagamy, Amr; Kumar, Abhinav; Pratap, Ramendra	ORGANIC & BIOMOLECULAR CHEMISTRY	AUG 14 2018	2018	16	30	5465	5473		https://doi.org/10.1039/c8ob01270a	2		4843.5
Effect of final state interactions on neutrino energy reconstruction at DUNE	Naaz, Sabeeha; Yadav, Anupam; Singh, Jyotsna; Singh, R. B.	NUCLEAR PHYSICS B	AUG 2018	2018	933		40	52		https://doi.org/10.1016/j.nuclphysb.2018.05.018	2		4843.5
Cellular oxidative stress and antiproliferative effects of Cordia dichotoma (Linn.) seeds extract and their fractions on human cervix epitheloid (HeLa) and human lung (A549) carcinoma cells	Usmani, Shazia; Ahmad, Mohammad; Sahabjada; Hussain, Arshad; Arshad, Mohd.; Ali, Mohammad	EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE	AUG 2018	2018	21		1	10		https://doi.org/10.1016/j.eujim.2018.05.014	2		4843.5

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Bio-Based Synthesised and Characterized Monodispersed Curcuma longa Silver Nanoparticles Induces Targeted Anticancer Activity in Breast Cancer Cells	Sheikh, Eram; Bhatt, M. L. B.; Tripathi, Madhu	PHARMACOGNOSY MAGAZINE	JUL-SEP 2018	2018	14	57	S340	S345		https://doi.org/10.4103/pm.pm.71.18	2		4843.5
Reddening of similar to 2.5Ga granitoid by high-temperature fluid linked to mafic dyke swarm in the Bundelkhand Craton, north central India	Sensarma, Sarajit; Matin, Abdul; Paul, Debajyoti; Patra, Abhijit; Madhesiya, Abhishek Kumar; Sarkar, Goutam	GEOLOGICAL JOURNAL	JUL-AUG 2018	2018	53	4	1338	1353		https://doi.org/10.1002/gj.2960	2		4843.5
Evaluation of non-covalent interactions of chlorambucil (monomer and dimer) and its interaction with biological targets: Vibrational frequency shift, electron density topological and automated docking analysis	Karthick, T.; Tandon, Poonam; Srivastava, Karnica; Singh, Swapnil	ARABIAN JOURNAL OF CHEMISTRY	JUL 2018	2018	11	5	591	608		https://doi.org/10.1016/j.arabjc.2017.10.012	2		4843.5
Nonlinear interaction of an intense radio wave with ionospheric D/E layer plasma	Sodha, Mahendra Singh; Agarwal, Sujeet Kumar	PHYSICS OF PLASMAS	MAY 2018	2018	25	5			52903	https://doi.org/10.1063/1.5026878	2		4843.5
The Investigation of Twin Tunnel Stability: Effect of Spacing and Diameter	Singh, Rajesh; Singh, T. N.; Bajpai, R. K.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAY 2018	2018	91	5	563	568		https://doi.org/10.1007/s12594-018-0905-y	2		4843.5
CoMFA and CoMSIA-based designing of resveratrol derivatives as amyloid-beta aggregation inhibitors against Alzheimer's disease	Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	MEDICINAL CHEMISTRY RESEARCH	APR 2018	2018	27	4	1167	1185		https://doi.org/10.1007/s00044-018-2138-4	2		4843.5
UV response on dielectric properties of nano nematic liquid crystal	Pandey, Kamal Kumar; Tripathi, Pankaj Kumar; Misra, Abhishek Kumar; Manohar, Rajiv	RESULTS IN PHYSICS	MAR 2018	2018	8		1119	1123		https://doi.org/10.1016/j.rinp.2018.01.051	2		4843.5
Paraquat treatment modulates integrin associated protein (CD47) and basigin (CD147) expression and mitochondrial potential on erythroid cells in mice	Bhardwaj, Nitin; Singh, Ashutosh	ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY	MAR 2018	2018	58		37	44		https://doi.org/10.1016/j.etap.2017.12.007	2		4843.5

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Structure, spectroscopic analyses (FT-IR and NMR), vibrational study, chemical reactivity and molecular docking study on 3,3'-(4-(trifluoromethyl)phenyl)methylene)bis(2-hydroxynaphthalene-1,4-dione), a promising anticancerous bis-lawsone derivative	Yadav, Krishna Kant; Kumar, Abhishek; Kumar, Amarendra; Misra, Neeraj; Brahmachari, Goutam	JOURNAL OF MOLECULAR STRUCTURE	FEB 15 2018	2018	1154		596	605		https://doi.org/10.1016/j.molstruc.2017.09.095	2		4843.5
Temperature dependent polymorphism of pyrazinamide: An in situ Raman and DFT study	Sharma, Poornima; Nandi, Rajib; Gangopadhyay, Debraj; Singh, Anurag; Singh, Ranjan K.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 5 2018	2018	190		177	180		https://doi.org/10.1016/j.saa.2017.09.016	2		4843.5
Lipid Lowering Oxopropanylindole Hydrazone Derivatives with Anti-oxidant and Anti-hyperglycemic Activity	Varshney, Kanika; Gupta, Amit K.; Sonkar, Ravi; Varshney, Salil; Mishra, Akanksha; Bhatia, Geetika; Gaikwad, Anil; Srivastava, Arvind Kumar; Saxena, Mridula; Jain, Sudha; Saxena, Anil K.	CURRENT TOPICS IN MEDICINAL CHEMISTRY	2018	2018	18	26	2256	2265		https://doi.org/10.2174/1568026619666181220112903	2		4843.5
Mating experience influences mate choice and reproductive output in an aphidophagous ladybird, Menochilus sexmaculatus	Dubey, Ankita; Saxena, Swati; Mishra, Geetanjali; Omkar	ANIMAL BIOLOGY	2018	2018	68	3	247	263		https://doi.org/10.1163/15707563-17000128	2		4843.5
Conduction Mechanism and Charge Transporting Property of Te90-xSe10Cdx Chalcogenides by AC Conductivity and Dielectric Analysis	Verma, Arvind Kumar; Chandra, Pramesh; Kumar, Nishant; Srivastava, Anchal; Shukla, R. K.	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9041	9050			2		4843.5
On Lie nilpotent modular group algebras	Sahai, Meena; Sharan, Bhagwat	COMMUNICATIONS IN ALGEBRA	2018	2018	46	3	1199	1206		https://doi.org/10.1080/00927872.2017.1339059	2		4843.5
Diminution in the Optical Band Gap and Near Band Edge Emission of Nickel-Doped Zinc Oxide Thin Films Deposited by Sol-Gel Method	Masih, V. Grace; Kumar, N.; Srivastava, A.	JOURNAL OF APPLIED SPECTROSCOPY	JAN 2018	2018	84	6	1145	1152		https://doi.org/10.1007/s10812-018-0600-1	2		4843.5

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Photoperiodic Modulation on Growth and Behaviour of the Giant Gourami, <i>Trichogaster fasciata</i> (Bloch and Schneider, 1801)	Bano, Farah; Serajuddin, Mohammad	TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES	JAN 2018	2018	18	1	91	100		https://doi.org/10.4194/1303-2712-v18_1_10	2		4843.5
Detection and monitoring of in vitro formation of salicylic acid from aspirin using fluorescence spectroscopic technique and DFT calculations	Singh, Ranjana; Tiwari, Manish Kumar; Gangopadhyay, Debraj; Mishra, Phool Chand; Mishra, Hirdyesh; Srivastava, Anchal; Singh, Ranjan K.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	DEC 2018	2018	189		292	297		https://doi.org/10.1016/j.jphotobiol.2018.11.004	1		2726.5
Pico-ampere current sensitivity and CdSe quantum dots assembly assisted charge transport in ferroelectric liquid crystal (vol 50, 325301, 2017)	Singh, Dharmendra Pratap; Boussoualem, Yahia; Duponchel, Benoit; Sahraoui, Abdelhak Hadj; Kumar, Sandeep; Manohar, Rajiv; Daoudi, Abdelylah	JOURNAL OF PHYSICS D-APPLIED PHYSICS	NOV 21 2018	2018	51	46			469501	https://doi.org/10.1088/1361-6463/aae2a2	1		2726.5
Monitoring the in Vitro Thiazolidine Ring Formation of Antioxidant Drug N-Acetyl-L-cysteine at Basic pH and Detection of Reaction Intermediates: A Raman Spectroscopic and Ab Initio Study	Gangopadhyay, Debraj; Das, Moumita; Singh, Keshav Kumar; Sharma, Poornima; Singh, Ranjan K.; Tandon, Poonam	JOURNAL OF PHYSICAL CHEMISTRY B	NOV 15 2018	2018	122	45	10306	10314		https://doi.org/10.1021/acs.jpcc.8b08512	1		2726.5
Distribution of rheumatological diseases in rural and urban areas: An adapted COPCORD Stage I Phase III survey of Lucknow district in north India	Kumar, Puneet; Alok, Ragini; Das, Siddharth K.; Srivastava, Ragini; Agarwal, Girdhar G.	INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES	NOV 2018	2018	21	11	1894	1899		https://doi.org/10.1111/11756-185X.13382	1		2726.5
Certain Classes of Analytic Functions Related to the Crescent-Shaped Regions	Raina, R. K.; Sharma, P.; Sokol, J.	JOURNAL OF CONTEMPORARY MATHEMATICAL ANALYSIS-ARMENIAN ACADEMY OF SCIENCES	NOV 2018	2018	53	6	355	362		https://doi.org/10.3103/S1068362318060067	1		2726.5
Trends and determinants of crop diversification in Uttar Pradesh	Kumar, Sanjeev; Kumar, Shiv; Chahal, Ved Prakash; Singh, Dharam Raj	INDIAN JOURNAL OF AGRICULTURAL SCIENCES	NOV 2018	2018	88	11	56	60			1		2726.5

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Tyrosinase inhibition potency of phthalimide derivatives: crystal structure, Hirshfeld surface analysis and molecular docking studies	Then, Li Yee; Kwong, Huey Chong; Quah, Ching Kheng; Kumar, C. S. Chidan; Chia, Tze Shyang; Wong, Qin Ai; Chandraju, Siddegowda; Karthick, Thangavel; Win, Yip-Foo; Sulaiman, Shaida Fariza; Hashim, Nurul Shafiqah; Ooi, Kheng Leong	ZEITSCHRIFT FUR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS	NOV 2018	2018	233	11	803	816		https://doi.org/10.1515/zkri-2018-2090	1		2726.5
Volumetric behaviour and isentropic compressibility of formamide with 2-dialkylaminoethanols	Awasthi, Anjali; Srivastava, Reetesh; Pandey, Vrijesh K.; Verma, Vikash; Awasthi, Aashees	THERMOCHIMICA ACTA	OCT 10 2018	2018	668		40	45		https://doi.org/10.1016/j.tca.2018.08.001	1		2726.5
Modulation of interaction of mutant TP53 and wild type BRCA1 by alkaloids: a computational approach towards targeting protein-protein interaction as a futuristic therapeutic intervention strategy for breast cancer impediment	Tiwari, Sameeksha; Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	OCT 3 2018	2018	36	13	3376	3387		https://doi.org/10.1080/07391102.2017.1388286	1		2726.5
Stigmasterol from the flowers of Peltophorum pterocarpum (DC.) Backer ex K. Heyne (Fabaceae) - Isolation, spectral properties and quantum chemical studies	Brahmachari, Goutam; Majhi, Sasadhar; Mandal, Bhagirath; Mandal, Mullicka; Kumar, Abhishek; Srivastava, Ambrish K.; Singh, Rajendra B.; Misra, Neeraj	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	OCT 2018	2018	95	10	1231	1244			1		2726.5
Spectroscopic analysis, first order hyperpolarizability, NBO, HOMO and LUMO analysis of 5-oxo-1-phenylpyrrolidine-3-carboxylic acid: Experimental and theoretical approach	Devi, Poornima; Fatma, Shaheen; Parveen, Huda; Bishnoi, Abha; Singh, Ramesh	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	OCT 2018	2018	56	10	814	829			1		2726.5
Leg impairment affects the reproductive attributes of a ladybird, Menochilus sexmaculatus (Fabricius)	Shandilya, Apoorva; Mishra, Geetanjali; Omkar	JOURNAL OF ASIA-PACIFIC ENTOMOLOGY	SEP 2018	2018	21	3	797	806		https://doi.org/10.1016/j.aspen.2018.05.007	1		2726.5

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Slow viscous flow past cylindrical particles with thin liquid layer: Cell model	Raturi, Shweta; Datta, Sunil; Kumar, B. V. Rathish	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	SEP-OCT 2018	2018	71		151	159		https://doi.org/10.1016/j.euromechflu.2018.04.009	1		2726.5
Vibrational Spectra, NBO and NLO Analyses, and A Molecular Docking Study of 3a,8a-Dihydroxy-2-Thioxo-1,3,3a,8a-Tetrahydroindeno[1,2-d]imidazol-8(2H)-One Using DFT	Hasan, T.; Ghalib, R. M.; Mehdi, S. H.; Singh, P. K.; Kumar, A.; Misra, N.	JOURNAL OF STRUCTURAL CHEMISTRY	SEP 2018	2018	59	5	1078	1087		https://doi.org/10.1134/S0022476618050098	1		2726.5
Over-representation of some taxa in surface pollen analysis misleads the interpretation of fossil pollen spectra in terms of extant vegetation	Roy, Ipsita; Ranhotra, Parminder S.; Shekhar, Mayank; Bhattacharyya, A.; Pal, Ashish K.; Sharma, Y. K.; Singh, S. P.; Singh, Utsa	TROPICAL ECOLOGY	SEP 2018	2018	59	2	339	350			1		2726.5
Role of GhHDA5 in H3K9 deacetylation and fiber initiation in <i>Gossypium hirsutum</i>	Kumar, Verandra; Singh, Babita; Singh, Sunil K.; Rai, Krishan M.; Singh, Surendra P.; Sable, Anshulika; Pant, Poonam; Saxena, Gauri; Sawant, Samir V.	PLANT JOURNAL	SEP 2018	2018	95	6	1069	1083		https://doi.org/10.1111/tpj.14011	1		2726.5
<i>Leishmania donovani</i> molecules recognized by sera of filaria infected host facilitate filarial infection	Verma, Richa; Kushwaha, Vikas; Pandey, Smriti; Thota, Jagadeshwar Reddy; Vishwakarma, Preeti; Parmar, Naveen; Yadav, Pawan Kumar; Tewari, Prachi; Kar, Susanta; Shukla, Praveen Kumar; Murthy, Puvvada Kalpana	PARASITOLOGY RESEARCH	SEP 2018	2018	117	9	2901	2912		https://doi.org/10.1007/s00436-018-5981-9	1		2726.5
Seasonal variation in helminth parasites of snakeheads <i>Channa punctatus</i> and <i>Channa striatus</i> (Perciformes: Channidae) in Uttar Pradesh, India	Gautam, N. Kumari; Misra, P. Kumar; Saxena, A. Murari	HELMINTHOLOGIA	SEP 2018	2018	55	3	230	239		https://doi.org/10.2478/helm-2018-0020	1		2726.5

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Trichoderma elicitors create a potential chemical barrier through induced systemic resistance against Colletotrichum falcatum and minimise sucrose losses in sugarcane	Singh, Pushpa; Tripathi, Nidhi; Joshi, Deeksha; Pathak, Ashwini Dutt; Sethi, Arun	JOURNAL OF PLANT PATHOLOGY	JUL 2018	2018	100	2	151	162		https://doi.org/10.1007/s42161-018-0034-x	1		2726.5
ON A SET OF CLOSE-TO-CONVEX FUNCTIONS	Sharma, Poonam; Raina, Ravinder Krishna; Sokol, Janusz	STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA	JUN 2018	2018	55	2	190	202		https://doi.org/10.1556/012.2018.55.2.1381	1		2726.5
Hsp70 and gamma-Semino protein as possible prognostic marker of prostate cancer	Kumar, Sanjay; Gurshaney, Sanjeev; Adagunodo, Yori; Gage, Erica; Qadri, Shezreen; Sharma, Mahak; Malik, Shalie; Manne, Upender; Singh, Udai P.; Singh, Rajesh; Mishra, Manoj K.	FRONTIERS IN BIOSCIENCE-LANDMARK	JUN 1 2018	2018	23		1987	2000		https://doi.org/10.2741/4684	1		2726.5
A ternary Fe(II)-terpyridyl complex-based single platform for reversible multiple-ion recognition	Singh, Alok Kumar; Pandey, Gajanan; Singh, Kaman; Kumar, Abhinav; Trivedi, Manoj; Singh, Vikram	DALTON TRANSACTIONS	MAY 14 2018	2018	47	18	6386	6393		https://doi.org/10.1039/c8dt00539g	1		2726.5
Use of orange peel as an adsorbent for the removal of Cr(VI) from its aqueous solution	Naik, R. M.; Ratan, Sheel; Singh, Indu	INDIAN JOURNAL OF CHEMICAL TECHNOLOGY	MAY 2018	2018	25	3	300	305			1		2726.5
Synthesis and antimicrobial study of 2-aminoimidazole derivatives	Gupta, Sarita; Verma, Purnima; Singh, Virendra	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	MAY 2018	2018	57	5	679	686			1		2726.5
Anomalous atomic displacement parameters and local dynamics in the Curie range of a Pb-free relaxor ferroelectric system (Bi _{1-x} Bax)(Fe _{1-x} Tix)O ₃ (0.36 ≤ x ≤ 0.50)	Singh, Anar; Moriyoshi, Chikako; Kuroiwa, Yoshihiro; Pandey, Dhananjai	JOURNAL OF APPLIED PHYSICS	APR 28 2018	2018	123	16			164103	https://doi.org/10.1063/1.5023726	1		2726.5
Electrocatalytic activity of NixFe _{3-x} O ₄ (0 ≤ x ≤ 1.5) film electrode for oxygen evolution in KOH solutions	Yadav, Ritu; Singh, Narendra Kumar	INDIAN JOURNAL OF CHEMICAL TECHNOLOGY	MAR 2018	2018	25	2	189	195			1		2726.5

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Temperature controlled evolution of Monoclinic to super-tetragonal phase of epitaxial BiFeO ₃ thin films on La _{0.67} Sr _{0.33} MnO ₃ buffered SrTiO ₃ substrate	Singh, Anar; Dong Kaifeng; Chen, Jing-Sheng	AIP ADVANCES	MAR 2018	2018	8	3			35221	https://doi.org/10.1063/1.5010601	1		2726.5
A combined experimental (IR, Raman and UV-Vis) and quantum chemical study of canadine	Joshi, Bhawani Datt; Srivastava, Anubha; Tandon, Poonam; Jain, Sudha; Ayala, A. P.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 15 2018	2018	191		249	258		https://doi.org/10.1016/j.saa.2017.10.008	1		2726.5
MicroRNA: a new potential marker for prostate cancer	Ahmad, M. K.; Waseem, M.; Serajuddin, M.; Mahdi, A. A.; Sankhwar, S. N.; Mishra, D. P.	CANCER MEDICINE	FEB 2018	2018	7		17	17			1		2726.5
Antiproliferative and antibacterial activity of some para-substituted benzylideneacetophenones and establishing their structure activity relationship	Chowrasia, Deepak; Sharma, Nisha; Kumar, Ajay; Dohrey, Vinod; Arshad, Md; Jafri, Asif; Rais, Juhi; Gupta, Madhu; Sahabjada	CURRENT SCIENCE	JAN 25 2018	2018	114	2	391	396		https://doi.org/10.18520/cs/v114/i02/391-396	1		2726.5
Essential oils as green pesticides for postharvest disease management	Shukla, A. C.	IV ASIA SYMPOSIUM ON QUALITY MANAGEMENT IN POSTHARVEST SYSTEMS	2018	2018	1210		199	206		https://doi.org/10.17660/ActaHort.2018.1210.28	1		2726.5
A 2D Co(II) coordination polymer based on 1,3,5-tris(1-H-imidazol-1-yl)benzene: photocatalytic properties and theoretical analysis	Lu, Lu; Wang, Jun; Wu, Wei-Ping; Sun, Yan-Chun; Xie, Bin; Wu, Xi-Ren; Chauhan, Ratna; Kumar, Abhinav	JOURNAL OF COORDINATION CHEMISTRY	2018	2018	71	16-18	2622	2631		https://doi.org/10.1080/00958972.2018.1502426	1		2726.5
Status of Selinum spp. L. a Himalayan Medicinal Plant in India: A Review of Its Pharmacology, Phytochemistry and Traditional Uses	Srivastava, Ravi Prakash; Dixit, Pooja; Singh, Lav; Verma, Praveen C.; Saxena, Gauri	CURRENT PHARMACEUTICAL BIOTECHNOLOGY	2018	2018	19	14	1122	1134		https://doi.org/10.2174/1389201020666181227150829	1		2726.5
C-60 as Electron Acceptor and Donor: A Comparative DFT Study of Li@C-60 and F@C-60	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Pandey, Anoop Kumar; Misra, Neeraj	AUSTRALIAN JOURNAL OF CHEMISTRY	2018	2018	71	12	953	956		https://doi.org/10.1071/CH18391	1		2726.5

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Mechanical and tribological characterization of lead calcium titanate borosilicate glass ceramic doped with ferric oxide	Das, Sangeeta; Gautam, S. S.; Gautam, C. R.	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	9	17746	17752		https://doi.org/10.1016/j.matpr.2018.06.098	1		2726.5
Tribological study of strontium bismuth titanate borosilicate glass ceramics	Das, Sangeeta; Manpoong, C. W.; Gautam, S. S.; Madheshiya, Abhishek; Gautam, C. R.	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	9	20306	20313		https://doi.org/10.1016/j.matpr.2018.06.403	1		2726.5
Ensemble of Hybrid CNN-ELM Model for Image Classification	Kannoja, Suresh Prasad; Jaiswal, Gaurav	2018 5TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND INTEGRATED NETWORKS (SPIN)	2018	2018			538	541			1		2726.5
Paenibacillus lentimorbus induces autophagy for protecting tomato from Sclerotium rolfsii infection	Dixit, Ritu; Agrawal, Lalit; Singh, Surendra Pratap; Prateeksha; Singh, Poonam C.; Prasad, Vivek; Chauhan, Puneet Singh	MICROBIOLOGICAL RESEARCH	2018	2018	215		164	174		https://doi.org/10.1016/j.micres.2018.07.008	1		2726.5
Structural and Moisture Sensing Properties of WO ₃ -ZnO Nanocomposites Synthesized by a Soft Chemical Route	Shakya, Vandna; Pandey, Narendra Kumar	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9082	9088			1		2726.5
Tuning NBE emission and optical band gap of nanocrystalline ZnO thin films using Fe dopant	Kumar, Nishant; Katiyar, Anu; Srivastava, Anchal	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9089	9093			1		2726.5
Effect of Fe doping on optical and structural properties of ZnO thin film prepared by spray pyrolysis method	Umar, Shazia; Kumar, Mahendra	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9173	9176			1		2726.5
Influence of Tetra Alkyl Ammonium Cation on Thermo-Physical Properties of N,N-Dimethyl Formamide with 1,4-Dioxane at Different Temperatures	Saxena, Indu; Kumar, Vijay; Devi, Rikkam	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY B	JAN 2018	2018	12	1	17	27		https://doi.org/10.1134/S1990793118010244	1		2726.5

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Does long term colchicine prevent degradation of collagen fiber network in osteoarthritis?	Srivastava, Ragini; Das, Siddharth K.; Goel, Gautam; Asthana, Akash; Agarwal, Girdhar G.	INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES	JAN 2018	2018	21	1	114	117		https://doi.org/10.1111/1756-185X.13022	1		2726.5
Dynamics of f(R) gravity models and asymmetry of time	Verma, Murli Manohar; Yadav, Bal Krishna	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	JAN 2018	2018	27	2			2E+06	https://doi.org/10.1142/S0218271818500025	1		2726.5
Influence of tetraalkylammonium chain length on molecular interactions of dioxane-DMSO-H ₂ O mixtures using ultrasonic technique at various temperatures	Saxena, Indu; Kumar, Vijay	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	DEC 2018	2018	57	12	1454	1463			0		609.5
Influence of food availability on mate-guarding behaviour of ladybirds	Chaudhary, D. D.; Mishra, G.; Omkar	BULLETIN OF ENTOMOLOGICAL RESEARCH	DEC 2018	2018	108	6	800	806		https://doi.org/10.1017/S0007485318000056	0		609.5
Toxicity assessment of cypermethrin nanoparticles in Channa punctatus: Behavioural response, micronuclei induction and enzyme alteration	Amjad, Saima; Sharma, A. K.; Serajuddin, M.	REGULATORY TOXICOLOGY AND PHARMACOLOGY	DEC 2018	2018	100		127	133		https://doi.org/10.1016/j.yrtph.2018.10.004	0		609.5
Phase-matched harmonic generation by two-colour laser beams propagating in plasma	Agrawal, Ekta; Jha, Pallavi	LASER PHYSICS LETTERS	DEC 2018	2018	15	12			126002	https://doi.org/10.1088/1612-202X/aae785	0		609.5
Design, Synthesis, Characterization and Biological Evaluation of Ruthenium Complexes of Flavonethiosemicarbazones as Antiproliferative and Mycobacterial Activities	Singh, Ashok K.; Saxena, Gunjan; Singh, Ravindra K.; Kumari, Lovely; Sharma, Rishabh; Singh, Sudheer K.; Sahabzada; Arshad, Mohamad	CHEMISTRYSELECT	NOV 30 2018	2018	3	44	12682	12689		https://doi.org/10.1002/slct.201802929	0		609.5

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Spectroscopic and molecular structure (monomeric and dimeric model) investigation of Febuxostat: A combined experimental and theoretical study	Pandey, Jaya; Prajapati, Preeti; Srivastava, Anubha; Tandon, Poonam; Sinha, Kirti; Ayala, Alejandro P.; Bansal, Arvind K.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	OCT 5 2018	2018	203		1	12		https://doi.org/10.1016/j.saa.2018.05.074	0		609.5
CIRCULATING PLASMA DNA AS POTENTIAL MARKERS FOR PREGNANCY ASSOCIATED METABOLIC COMPLICATIONS	Misra, Deepika; Verma, Narsingh; Singh, Renu; Banerjee, Monisha	JOURNAL OF HYPERTENSION	OCT 2018	2018	36		E226	E226		https://doi.org/10.1097/01.hjh.0000548925.17838.32	0		609.5
CLINICOPATHOLOGICAL CORRELATION OF CLINICAL STAGES OF ORAL SQUAMOUS CELL CARCINOMA WITH EXPRESSION ANALYSIS OF CIRCULATING MIRNA-21	Singh, Pooja; Singh, Alok; Srivastava, Anand Narain; Sharma, Rolee; Singh, Seema; Chandel, Siddhartha; Chauhan, Rajveer Singh	JOURNAL OF HYPERTENSION	OCT 2018	2018	36		E136	E136		https://doi.org/10.1097/01.hjh.0000548547.75336.df	0		609.5
A quantum chemical study on the formation of ethanimine (CH ₃ CHNH) in the interstellar ice	Singh, Keshav Kumar; Shivani; Tandan, Poonam; Misra, Alka	ASTROPHYSICS AND SPACE SCIENCE	OCT 2018	2018	363	10			213	https://doi.org/10.1007/s10509-018-3399-6	0		609.5
Bioassessment of Genotoxicity Due to Flux in Soil Nitrogen Dynamics Caused by Addition of Ammonium Nitrate	Verma, Sonam; Srivastava, Alka	CYTOLOGIA	SEP 2018	2018	83	3	270	274		https://doi.org/10.1508/cytologia.83.271	0		609.5
A new 3D Gd-based metal-organic framework with paddle-wheel unit: Structure and photocatalytic property	Wu, Weiping; Liu, Weicong; Shen, Xin; Zhong, Huarui; Xu, Jingwen; Li, Baohong; Liu, Jian-Qiang; Singh, Ashok Kumar; Singh, Amita; Kumar, Abhinav	INORGANIC CHEMISTRY COMMUNICATIONS	SEP 2018	2018	95		104	106		https://doi.org/10.1016/j.inoche.2018.07.020	0		609.5
CDPBC: A Software Application for Estimation of Concentration Dependent Plasma Binding Capacity of Small Molecule	Prakash, Om; Dwivedi, Upendra Nath	MOLECULAR INFORMATICS	AUG 2018	2018	37	8			UNSP 1800007	https://doi.org/10.1002/minf.201800007	0		609.5

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1-hydroxy-5, 7-dimethoxy-2 naphthalene-carboxaldehyde inhibitors as novel antimycobacterial agents targeting H-InMyoFib cells and targeting enzymes involved in fatty acid biosynthesis of bacilli	Azmi, L.; Shukla, I.; Kant, P.; Rao, C.	INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES	AUG 2018	2018	73		87	87		https://doi.org/10.1016/j.ijid.2018.04.3622	0		609.5
Isolation and purification of antibacterial compound from Streptomyces levis collected from soil sample of north India	Singh, Vineeta; Haque, Shafiul; Khare, Shruti; Tiwari, Anil Kumar; Katiyar, Diksha; Banerjee, Bikram; Kumari, Krishna; Tripathi, C. K. M.	PLOS ONE	JUL 10 2018	2018	13	7			e0200500	https://doi.org/10.1371/journal.pone.0200500	0		609.5
FoxP3(+)T cells program/re-program the prostatic tumor microenvironment	Kumar, Sanjay; Stoke, James, III; Malik, Shalie; Singh, Udai P.; Ponnazhagan, Selvarangan; Manne, Upender; Mishra, Manoj K.	CANCER RESEARCH	JUL 2018	2018	78	13				https://doi.org/10.1158/1538-7445.AM2018-4690	0		609.5
A New Species of Asymphyrodora (Trematoda: Lissorchiidae) from Bata, Labeo bata (Cyprinidae), in the Sharda Canal of India, and Amendment of the Diagnosis for Asymphyrodora	Maurya, Ramakant; Gupta, Rahul; Saxena, Anand M.	COMPARATIVE PARASITOLOGY	JUL 2018	2018	85	2	153	158		https://doi.org/10.1654/1525-2647-85.2.153	0		609.5
Taxonomic Redescriptions and a Review of the Status of Proisorhynchoides spp. (Digenea: Bucephalidae) Infecting Some Freshwater Fishes of India	Maurya, Ramakant; Gupta, Rahul; Saxena, Anand M.	COMPARATIVE PARASITOLOGY	JUL 2018	2018	85	2	159	176		https://doi.org/10.1654/1525-2647-85.2.159	0		609.5
Molecular orbital, spectroscopic, first order hyperpolarizability and NBO analysis of aryl-substituted 5-(benzylidene) thiazolidine-2,4-diones	Fatma, Shaheen; Parveen, Huda; Bishnoi, Abha; Verma, Anil Kumar; Srivastava, Krishna	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	JUL 2018	2018	56	7	491	508			0		609.5
mu CT analysis reveals that Cissus quadrangularis L. stem and Trigonella foenum-graecum L. seed extracts prevent diabetic osteopathy	Gupta, Madhu; Arshad, Md; Shivnath, Neelam; Khan, Md Sajid; Gupta, Rahul	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	JUL 2018	2018	17	3	460	467			0		609.5

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Synthesis and Electrocatalytic Properties of Ni-substituted Co ₃ O ₄ for Oxygen Evolution in Alkaline Medium	Lal, Basant; Singh, Ravindra Nath; Singh, Narendra Kumar	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	JUL 2018	2018	21	3	163	170		https://doi.org/10.14447/jnmes.v21i3.a06	0		609.5
Nickel Toxicity, Altering ROS Scavenging Mechanism and Impairing Sugar Based Signaling in <i>Vigna radiata</i> (L.) Wilczek during Germination and Seedling Establishment	Yadav, Nandini; Vati, Kiran; Agarwal, Sudhir K.; Sharma, Samir	TROPICAL PLANT BIOLOGY	JUN 2018	2018	11	1-2	65	77		https://doi.org/10.1007/s12042-018-9201-7	0		609.5
460TRP ALLELE OF ALPHA ADDUCING GENE IS ASSOCIATED WITH ESSENTIAL HYPERTENSION, ATHEROSCLEROSIS AND CVD AND ITS RELATION TO ENVIRONMENTAL FACTORS IN NORTH INDIANS	Naaz, Qulsoom; Verma, Narsingh S.; Serajuddin, Mohammad; Patel, Munna L.	ATHEROSCLEROSIS SUPPLEMENTS	JUN 2018	2018	32		22	22		https://doi.org/10.1016/j.atherosclerosis.p.2018.04.065	0		609.5
Higher-speed coronal mass ejections and their geoeffectiveness	Singh, A. K.; Bhargawa, Asheesh; Tonk, Apeksha	JOURNAL OF ASTROPHYSICS AND ASTRONOMY	JUN 2018	2018	39	3			32	https://doi.org/10.1007/s12036-018-9526-5	0		609.5
Investigation of Upconversion, downshifting and quantum-cutting behavior of Eu ³⁺ , Yb ³⁺ , Bi ³⁺ co-doped LaNbO ₄ phosphor as a spectral conversion material	Dwivedi, A.; Mishra, K.; Rai, S. B.	METHODS AND APPLICATIONS IN FLUORESCENCE	JUN 2018	2018	6	3			35001	https://doi.org/10.1088/2050-6120/aab253	0		609.5
Regulatory T cells modulate immune cells and promote tumor growth in prostatic tumor microenvironment	Kumar, Sanjay; Stokes, James, III; Malik, Shalie; Singh, Udai P.; Singh, Rajesh; Ponnazhagan, Selvarangan; Manne, Upender; Singh, Santosh Kumar	JOURNAL OF IMMUNOLOGY	MAY 1 2018	2018	200	1					0		609.5
Paternity success in ladybirds: function of mating interval and order	Dubey, Ankita; Singh, Shashwat; Omkar; Mishra, Geetanjali	JOURNAL OF ETHOLOGY	MAY 2018	2018	36	2	151	159		https://doi.org/10.1007/s10164-018-0546-z	0		609.5

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Assessment of Potential Alkali Aggregate Reactivity for Siliceous and Carbonate Aggregates: A Case Study	Ahmad, M.; Ansari, M. K.; Singh, Rajesh; Sharma, L. K.; Singh, T. N.; Pires, Sandra	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	APR 2018	2018	91	4	467	474		https://doi.org/10.1007/s12594-018-0880-3	0		609.5
Night light alters the perception of day length in migratory redheaded bunting: implications for avian migrant conservation	Kumar, J.; Malik, S.; Bhardwaj, S. K.; Rani, S.	INTEGRATIVE AND COMPARATIVE BIOLOGY	MAR 2018	2018	58		E357	E357			0		609.5
Assessment of Liquefaction Potential of the Sediments of Chandigarh Area	Kandpal, G. C.; Agarwal, K. K.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAR 2018	2018	91	3	323	328		https://doi.org/10.1007/s12594-018-0857-2	0		609.5
Geomorphic investigation of the Late-Quaternary landforms in the southern Zaskar Valley, NW Himalaya (vol 127, 9, 2018)	Sharma, Shubhra; Hussain, Aadil; Mishra, Amit K.; Lone, Aasif; Solanki, Tarun; Khan, Mohammad Khatib	JOURNAL OF EARTH SYSTEM SCIENCE	MAR 2018	2018	127	2			31	https://doi.org/10.1007/s12040-018-0946-z	0		609.5
Epithelial-to-mesenchymal transition and its clinicopathological implications in patients with urothelial carcinoma of the bladder	Garg, M.	CANCER MEDICINE	FEB 2018	2018	7		17	18			0		609.5
Potential mechanism of phytochemicals induced apoptosis in cancer cells	Arshad, M.; Jafri, A.; Sahabjada; Rais, J.; Shivnath, N.; Rawat, V.	CANCER MEDICINE	FEB 2018	2018	7		18	18			0		609.5
Cardiovascular complications in patients with sickle cell disease	Chaturvedi, A.	CANCER MEDICINE	FEB 2018	2018	7		29	30			0		609.5
alpha-Mangostin inhibits the growth and induces apoptosis of human ovarian carcinoma, PA-1 cells through cell cycle arrest, ROS generation and Caspase-3 activation	Jafri, A.; Rais, J.; Siddiqui, S.; Kumar, S.; Arshad, M.	CANCER MEDICINE	FEB 2018	2018	7		30	30			0		609.5
Role of major dietary polyphenols in treatment and chemoprevention of prostate cancer	Khan, H.; Jafri, A.; Shivanth, N.; Rawat, V.; Rais, J.; Bano, N.; Arshad, M.	CANCER MEDICINE	FEB 2018	2018	7		33	33			0		609.5
Biochanin a induces cellular apoptosis and inhibits cell proliferation of human ovarian carcinoma cells, PA-1	Rais, J.; Jafri, A.; Tripathi, M.; Arshad, M.	CANCER MEDICINE	FEB 2018	2018	7		34	34			0		609.5
Mutation of Ras gene family in human urothelial carcinoma of bladder	Tripathi, K.; Goel, A.; Singhai, A.; Garg, M.	CANCER MEDICINE	FEB 2018	2018	7		35	35			0		609.5

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Phytochemical screening and chondrogenic efficacy of Solanum xanthocarpum ethanolic fruit extract on oxidative stressed primary chondrocytes and prevention of cartilage damage in osteoarthritic induced rat	Shivnath, N.; Rawat, V.; Sahabjada; Jafri, A.; Khan, M. Sajid; Arshad, M.	CANCER MEDICINE	FEB 2018	2018	7		41	41			0		609.5
Role of phytoestrogens in inhibition of cervical carcinoma via modulating estrogen receptors	Maurya, N.; Singh, R.; Goel, A.; Singhai, A.; Singh, U. P.; Agrawal, V.; Garg, M.	CANCER MEDICINE	FEB 2018	2018	7		42	43			0		609.5
Role of Phosphoglycogen synthase kinase-3 beta and beta-catenin in the pathobiology of urinary bladder cancer	Maurya, N.; Singh, R.; Goel, A.; Singhai, A.; Singh, U. P.; Agrawal, V.; Garg, M.	CANCER MEDICINE	FEB 2018	2018	7		42	42			0		609.5
Anti-proliferative effect of Datura innoxia leaf extract on human lung adenocarcinoma A549 cells	Agarwal, P.; Jafri, A.; Arshad, M.; Serajuddin, M.	CANCER MEDICINE	FEB 2018	2018	7		45	45			0		609.5
Effect of cypermethrin nanoparticles on freshwater murrel	Amjad, S.; Kumar, G.; Sharma, A. K.; Serajuddin, M.	CANCER MEDICINE	FEB 2018	2018	7		47	47			0		609.5
Therapeutic role of nanotized phytochemicals in cervical cancer	Parveen, S.; Yadav, N.; Kumar, S.; Banerjee, M.	CANCER MEDICINE	FEB 2018	2018	7		49	49			0		609.5
Effect of EPA and DHA (Omega-3 fatty acids) on the growth and apoptosis of human lung adenocarcinoma cells in vitro	Jameel, F.; Jafri, A.; Serajuddin, M.; Arshad, M.	CANCER MEDICINE	FEB 2018	2018	7		57	57			0		609.5
Arun Kumar Sharma (1924-2017)	Lavania, Umesh C.	CURRENT SCIENCE	JAN 25 2018	2018	114	2	403	404		https://doi.org/10.18520/cs/v114/i02/403-404	0		609.5
Forecasting Direction of Stock Index Using Two Stage Hybridization of Machine Learning Models	Misra, Puneet; Chaurasia, Siddharth	2018 7TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (TRENDS AND FUTURE DIRECTIONS) (ICRITO) (ICRITO)	2018	2018			533	537			0		609.5

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One hour Ahead Short-Term Electricity Price Forecasting Using ANN Algorithms	Yadav, Ayushi; Sahay, Ayush; Yadav, Mukh Raj; Bhandari, Somiya; Yadav, Abha; Sahay, Kishan Bhushan	PROCEEDINGS OF THE 2018 INTERNATIONAL CONFERENCE AND UTILITY EXHIBITION ON GREEN ENERGY FOR SUSTAINABLE DEVELOPMENT (ICUE 2018)	2018	2018							0		609.5
Observational Role of Dark Matter in f(R) Models for Structure Formation	Verma, Murli Manohar; Yadav, Bal Krishna	PROCEEDINGS OF THE 21ST PARTICLES AND NUCLEI INTERNATIONAL CONFERENCE (PANIC 2017)	2018	2018	46				UNSP 1860045	https://doi.org/10.1142/S2010194518600455	0		609.5
On a Possibility of the Gravitational Wave Detection at the High Energy Colliders	Verma, Murli Manohar	PROCEEDINGS OF THE 21ST PARTICLES AND NUCLEI INTERNATIONAL CONFERENCE (PANIC 2017)	2018	2018	46				UNSP 1860059	https://doi.org/10.1142/S2010194518600595	0		609.5
IMC - Modified PID Load Frequency Controller for Two Area Interconnected System with WPU	Sonkar, Preeti; Rahi, O. P.	2018 5TH IEEE UTTAR PRADESH SECTION INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS AND COMPUTER ENGINEERING (UPCON)	2018	2018			200	205			0		609.5

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Turn-to-Turn Fault Detection in Indirect Symmetrical PST Based on Negative Sequence Current Components	Bhasker, Shailendra Kumar; Tripathy, Manoj	2018 5TH IEEE UTTAR PRADESH SECTION INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS AND COMPUTER ENGINEERING (UPCON)	2018	2018			496	501			0		609.5
Quantum electrodynamic cascade structure in a standing linearly polarised wave	Bashinov, A. V.; Kumar, P.; Kim, A. V.	QUANTUM ELECTRONICS	2018	2018	48	9	833	842		https://doi.org/10.1070/QEL16665	0		609.5
Correlation Based Evaluation for Search Tools	Goutam, Rajesh Kumar	2018 5TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND INTEGRATED NETWORKS (SPIN)	2018	2018			903	907			0		609.5
Prompt Muon Contribution at High Energies	Pandey, Sharda; Chauhan, Satendra Kumar; Singh, Jyotsna; Singh, R. B.	XXII DAE HIGH ENERGY PHYSICS SYMPOSIUM	2018	2018	203		209	214		https://doi.org/10.1007/978-3-319-73171-1_47	0		609.5
Signatures of T and CPT Violation in Presence of Sterile Neutrino	Singh, Jyotsna; Singh, R. B.	XXII DAE HIGH ENERGY PHYSICS SYMPOSIUM	2018	2018	203		647	650		https://doi.org/10.1007/978-3-319-73171-1_152	0		609.5
Measurement of Underground Cosmic Muons Charge Ratio at INO-ICAL Detector	Singh, Jaydip; Singh, Jyotsna	XXII DAE HIGH ENERGY PHYSICS SYMPOSIUM	2018	2018	203		751	753		https://doi.org/10.1007/978-3-319-73171-1_180	0		609.5

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Electron Acceleration in Quantum Plasma with Spin-up and Spin-down Exchange Interaction	Kumar, Punit; Singh, Shiv; Ahmad, Nafees	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	2018	1953				140054	https://doi.org/10.1063/1.5033229	0		609.5
Oblique Propagation of EM Wave in Magnetized Quantum Plasma with Two Different Spin States	Kumar, Punit; Ahmad, Nafees; Singh, Shiv	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	2018	1953				140053	https://doi.org/10.1063/1.5033228	0		609.5
Checklist of fishes of the Bakhira Tal and their conservation status	Bano, Farah; Serajuddin, Mohammad	INDIAN JOURNAL OF FISHERIES	2018	2018	65	2	124	128		https://doi.org/10.21077/ijf.2018.65.2.70567-16	0		609.5
6th National Conference on Nanotechnology and Materials Science Organized by Department of Physics, Lucknow University, Lucknow, India 11-13 February, 2017	Singh, N. B.; Shukla, R. K.	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9033	9034			0		609.5
Quantum bound states with interaction potential having linear combination of exponential functions and its possible applications	Shukla, Vinay Kumar; Srivastava, Ambrish Kumar	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9094	9101			0		609.5
Structural, Morphological and Optical Characterization of X80Y10Cu10 and Y80X10Cu10 (X = Se, Y, Te) Chalcogenide Thin Films	Chandra, Pramesh; Verma, Arvind Kumar; Shukla, R. K.; Srivastava, Anchal	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9156	9160			0		609.5
DFT Studies on AlSe Nano Clusters	Shukla, Dharmesh Vikram; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj	MATERIALS TODAY-PROCEEDINGS	2018	2018	5	3	9187	9190			0		609.5
Group algebras of Lie nilpotency index 12 and 13	Sharma, R. K.; Siwach, Reetu; Sahai, Meena	COMMUNICATIONS IN ALGEBRA	2018	2018	46	4	1428	1446		https://doi.org/10.1080/00927872.2017.1346108	0		609.5

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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
Molecular Modeling, Spectroscopic Investigations, and Computational Studies of DMSO solvated 7'-amino-1',3'-dimethyl-2,2',4'-trioxo-1',2',3',4',4a',8a'-tetrahydrospiro[indoline-3,5'-pyrano[2,3-d]pyrimidine]-6'-carbonitrile	Sharma, S.; Brahmachari, G.; Kumar, A.; Misra, N.; Kant, R.; Gupta, V. K.	JOURNAL OF STRUCTURAL CHEMISTRY	JAN 2018	2018	59	1	235	244		https://doi.org/10.1134/S0022476618010389	0		609.5
Silymarin nanoemulsion against human hepatocellular carcinoma: development and optimization	Ahmad, Usama; Akhtar, Juber; Singh, Satya Prakash; Badruddeen; Ahmad, Farhan Jalees; Siddiqui, Sahabjada; Wahajuddin	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2018	2018	46	2	231	241		https://doi.org/10.1080/21691401.2017.1324465	0		609.5
Cosmological wheel of time: A classical perspective of f(R) gravity	Yadav, Bal Krishna; Verma, Murli Manohar	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	JAN 2018	2018	27	1			2E+06	https://doi.org/10.1142/S0218271817501838	0		609.5