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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
2017													
Results found	199												
Sum of the Times Cited	1408												
Average Citations per Item	7.08												
h-index	18												
Title	Authors	Source Title	Publication Date	Publication Year	Volume	Issue	Beginning Page	Ending Page	Article Number	DOI	Citations in WoS	Citations in Scopus	CITATION INDEX
Prediction of geomechanical parameters using soft computing and multiple regression approach	Singh, Rajesh; Umrao, Ravi Kumar; Ahmad, M.; Ansari, M. K.; Sharma, L. K.; Singh, T. N.	MEASUREMENT	MAR 2017	2017	99		108	119		https://doi.org/10.1016/j.measurement.2016.12.023	53	55	112838
An uncommon (5,5)-connected 3D metal organic material for selective and sensitive sensing of nitroaromatics and ferric ion: experimental studies and theoretical analysis	Wang, Jun; Wu, Xi-Ren; Liu, Jian-Qiang; Li, Bao-Hong; Singh, Amita; Kumar, Abhinav; Batten, Stuart R.	CRYSTENGCOMM	JUL 7 2017	2017	19	25	3519	3525		https://doi.org/10.1039/c7ce00912g	50	49	106484
Evaluating the modulus of elasticity of soil using soft computing system	Sharma, L. K.; Singh, Rajesh; Umrao, R. K.; Sharma, K. M.; Singh, T. N.	ENGINEERING WITH COMPUTERS	JUL 2017	2017	33	3	497	507		https://doi.org/10.1007/s00366-016-0486-6	43	46	91663.5
Luminescent sensing and photocatalytic degradation properties of an uncommon (4,5,5)-connected 3D MOF based on 3,5-di(3',5'-dicarboxylphenyl)benzoic acid	Jin, Jun-Cheng; Wu, Xi-Ren; Luo, Zhi-Dong; Deng, Fang-Yuan; Liu, Jian-Qiang; Singh, Amita; Kumar, Abhinav	CRYSTENGCOMM	AUG 14 2017	2017	19	30	4368	4377		https://doi.org/10.1039/c7ce01012e	39		83172.5
Bacillus amyloliquefaciens Confers Tolerance to Various Abiotic Stresses and Modulates Plant Response to Phytohormones through Osmoprotection and Gene Expression Regulation in Rice	Tiwari, Shalini; Prasad, Vivek; Chauhan, Puneet S.; Lata, Charu	FRONTIERS IN PLANT SCIENCE	AUG 29 2017	2017	8				1510	https://doi.org/10.3389/fpls.2017.01510	33	39	70490
Synthesis and characterization of perovskite barium titanate thin film and its application as LPG sensor	Singh, Monika; Yadav, B. C.; Ranjan, Ashok; Kaur, Manmeet; Gupta, S. K.	SENSORS AND ACTUATORS B-CHEMICAL	MAR 31 2017	2017	241		1170	1178		https://doi.org/10.1016/j.snb.2016.10.018	29	29	62017

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A protective role for nitric oxide and salicylic acid for arsenite phytotoxicity in rice (<i>Oryza sativa</i> L.)	Singh, Amit Pal; Dixit, Garima; Kumar, Amit; Mishra, Seema; Kumar, Navin; Dixit, Sameer; Singh, Pradyumna Kumar; Dwivedi, Sanjay; Trivedi, Prabodh Kumar; Pandey, Vivek; Dhankher, Om Prakash; Norton, Gareth J.; Chakrabarty, Debasis; Tripathi, Rudra Deo	PLANT PHYSIOLOGY AND BIOCHEMISTRY	JUN 2017	2017	115		163	173		https://doi.org/10.1016/j.plaphy.2017.02.019	28	36	59903.5
A 3D luminescent Zn(II) MOF for the detection of high explosives and the degradation of organic dyes: an experimental and computational study	Jin, Jun-Cheng; Wu, Jian; He, Yong-Xiang; Li, Bao-Hong; Liu, Jian-Qiang; Prasad, Rajendra; Kumar, Abhinav; Batten, Stuart R.	CRYSTENGCOMM	NOV 21 2017	2017	19	43	6464	6472		https://doi.org/10.1039/c7ce01341h	27	28	57782.5
Two lanthanide-based metal-organic frameworks for highly efficient adsorption and removal of fluoride ions from water	Ma, Aiqing; Ke, Fei; Jiang, Jing; Yuan, Qiaoyu; Luo, Zhidong; Liu, Jianqiang; Kumar, Abhinav	CRYSTENGCOMM	APR 28 2017	2017	19	16	2172	2177		https://doi.org/10.1039/c7ce00291b	23	24	49312.5
A Functional Genomic Perspective on Drought Signaling and its Crosstalk with Phytohormone-mediated Signalling Pathways in Plants	Tiwari, Shalini; Lata, Charu; Chauhan, Puneet Singh; Prasad, Vivek; Prasad, Manoj	CURRENT GENOMICS	2017	2017	18	6	469	482		https://doi.org/10.2174/1389202918666170605083319	22		47183.5
Analysis of photoluminescence, UV absorbance, optical band gap and threshold voltage of TiO ₂ nanoparticles dispersed in high birefringence nematic liquid crystal towards its application in display and photovoltaic devices	Pathak, G.; Pandey, S.; Katiyar, R.; Srivastava, A.; Dabrowski, R.; Garbat, K.; Manohar, R.	JOURNAL OF LUMINESCENCE	DEC 2017	2017	192		33	39		https://doi.org/10.1016/j.jlumin.2017.06.021	21		45066.5
Fluorescence sensing of nitro-aromatics by Zn(II) and Cd(II) based coordination polymers having the 5-[bis(4-carboxybenzyl)-amino]isophthalic acid ligand	Lu, Lu; Wang, Jun; Xie, Bin; Liu, Jian-Qiang; Yadav, Reena; Singh, Amita; Kumar, Abhinav	NEW JOURNAL OF CHEMISTRY	MAY 7 2017	2017	41	9	3537	3542		https://doi.org/10.1039/c7nj00183e	21	21	45077

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Invited review: Physics potential of the ICAL detector at the India-based Neutrino Observatory (INO)	Kumar, A.; Kumar, A. M. Vinod; Jash, Abhik; Mohanty, Ajit K.; Chacko, Aleena; Ajmi, Ali; Ghosal, Ambar; Khatun, Amina; Raychaudhuri, Amitava; Dighe, Amol; Chatterjee, Animesh; Gaur, Ankit; Ghosh, Anushree; Kumar, Ashok; Redij, Asmita; Satyanarayana, B.; Acharya, B. S.; Choudhary, Brajesh C.; Ranganathaiah, C.; Ravikumar, C. D.; Gupta, Chandan; Indumathi, D.; Kaur, Daljeet; Majumdar, Debasish; Samuel, Deepak; Tiwari, Deepak; Rajasekaran, G.; Gangopadhyay, Gautam; Majumder, Gobinda; Ravikumar, H. B.; Singh, J. B.; Shahi, J. S.; Libby, James; Singh, Jyotsna; Raveendrababu, K.; Meghna, K. K.; Rebin, K. R.; Kar, Kamalesh; Bhattacharya, Kolahal; Pant, Lalit M.; Athar, M. Sajjad; Murthy, M. V. N.; Malik, Manzoor A.;	PRAMANA-JOURNAL OF PHYSICS	MAY 2017	2017	88	5			79	https://doi.org/10.1007/s12043-017-1373-4	21	40	45086.5
An uncommon 3D 3,3,4,8-c Cd(II) metal-organic framework for highly efficient luminescent sensing and organic dye adsorption: experimental and theoretical insight	Lu, Lu; Wu, Jian; Wang, Jun; Liu, Jian-Qiang; Li, Bao-Hong; Singh, Amita; Kumar, Abhinav; Batten, Stuart R.	CRYSTENGCOMM	DEC 14 2017	2017	19	46	7057	7067		https://doi.org/10.1039/c7ce01638g	19	20	40842.5

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Detection of liquefied petroleum gas below lowest explosion limit (LEL) using nanostructured hexagonal strontium ferrite thin film	Singh, Monika; Yadav, B. C.; Ranjan, Ashok; Sonker, Rakesh K.; Kaur, Manmeet	SENSORS AND ACTUATORS B-CHEMICAL	OCT 2017	2017	249		96	104		https://doi.org/10.1016/j.snb.2017.04.075	18	22	38726.5
The effect of sterol structure upon clathrin-mediated and clathrin-independent endocytosis	Kim, JiHyun; Singh, Ashutosh; Del Poeta, Maurizio; Brown, Deborah A.; London, Erwin	JOURNAL OF CELL SCIENCE	AUG 15 2017	2017	130	16	2682	2695		https://doi.org/10.1242/jcs.201731	18	18	38724.5
Study of molecular interactions and chemical reactivity of the nitrofurantoin-3-aminobenzoic acid cocrystal using quantum chemical and spectroscopic (IR, Raman, C-13 SS-NMR) approaches	Shukla, Anuradha; Khan, Eram; Srivastava, Karnica; Sinha, Kirti; Tandon, Poonam; Vangala, Venu R.	CRYSTENGCOMM	JUL 28 2017	2017	19	28	3921	3930		https://doi.org/10.1039/c7ce00864c	18		38715.5
Epithelial, mesenchymal and hybrid epithelial/mesenchymal phenotypes and their clinical relevance in cancer metastasis	Garg, Minal	EXPERT REVIEWS IN MOLECULAR MEDICINE	MAR 21 2017	2017	19				e3	https://doi.org/10.1017/erm.2017.6	18	20	38725.5
Photocatalytic degradation of organic dyes by a stable and biocompatible Zn(II) MOF having ferulic acid: Experimental findings and theoretical correlation	Zhou, En-Hong; Li, Bao-Hong; Chen, Wei-Xin; Luo, Zhidong; Liu, Jianqiang; Singh, Amita; Kumar, Abhinav; Jin, Jun-Cheng	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2017	2017	1149		352	356		https://doi.org/10.1016/j.molstruc.2017.07.105	17	16	36606.5
Faster photoresponse, enhanced photosensitivity and photoluminescence in nanocrystalline ZnO films suitably doped by Cd	Kumar, Nishant; Srivastava, Anchal	JOURNAL OF ALLOYS AND COMPOUNDS	JUN 5 2017	2017	706		438	446		https://doi.org/10.1016/j.jallcom.2017.02.244	17	15	36606
A path to design stronger superacids by using superhalogens	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	JOURNAL OF FLUORINE CHEMISTRY	MAY 2017	2017	197		59	62		https://doi.org/10.1016/j.jfluchem.2017.03.001	17	18	36607.5
Fluorescent sensing of nitroaromatics by two coordination polymers having potential active sites	Lu, Lu; Wang, Jun; Wu, Wei-Ping; Ma, Aiqing; Liu, Jian-Qiang; Yadav, Reena; Kumar, Abhinav	JOURNAL OF LUMINESCENCE	JUN 2017	2017	186		40	47		https://doi.org/10.1016/j.jlumin.2017.02.010	16	17	34490

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2H-Pyran-2-ones and their annelated analogs as multifaceted building blocks for the fabrication of diverse heterocycles	Pratap, Ramendra; Ram, Vishnu Ji	TETRAHEDRON	MAY 4 2017	2017	73	18	2529	2590		https://doi.org/10.1016/j.tet.2017.02.028	16	16	34489.5
Molecular structure, spectroscopic (FT-IR, FT Raman, UV, NMR and THz) investigation and hyperpolarizability studies of 3-(2-Chloro-6-fluorophenyl)-1-(2-thienyl) prop-2-en-1-one	Kumar, Rajesh; Kumar, Amit; Deval, Vipin; Gupta, Archana; Tandon, Poonam; Patil, P. S.; Deshmukh, Prathmesh; Chaturvedi, Deepika; Watve, J. G.	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2017	2017	1129		292	304		https://doi.org/10.1016/j.molstruc.2016.09.087	15	15	32372
Luminescent sensing of Cu ²⁺ , CrO ₄ ²⁻ and photocatalytic degradation of methyl violet by Zn(II) metal-organic framework (MOF) having 5,5'-(1H-2,3,5-triazole-1,4-diyl)diisophthalic acid ligand	Wu, Weiping; Li, Baohong; Gu, Chuying; Wang, Jun; Singh, Amita; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	NOV 15 2017	2017	1148		531	536		https://doi.org/10.1016/j.molstruc.2017.07.083	14		30247.5
Phorate induced oxidative stress, DNA damage and differential expression of p53, apaf-1 and cat genes in fish, Channa punctatus (Bloch, 1793)	Ratn, Arun; Awasthi, Yashika; Kumar, Manoj; Singh, Sunil Kumar; Tripathi, Renu; Trivedi, Sunil P.	CHEMOSPHERE	SEP 2017	2017	182		382	391		https://doi.org/10.1016/j.chemosphere.2017.05.008	14	15	30255
A combined experimental and theoretical DFT (B3LYP, CAM-B3LYP and M06-2X) study on electronic structure, hydrogen bonding, solvent effects and spectral features of methyl 1H-indol-5-carboxylate	Srivastava, Ruchi; Al-Omary, Fatmah A. M.; El-Emam, Ali A.; Pathak, Shilendra K.; Karabacak, M.; Narayan, Vijay; Chand, Satish; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	JUN 5 2017	2017	1137		725	741		https://doi.org/10.1016/j.molstruc.2017.02.084	14	17	30256
Design, structures and study of non-covalent interactions of mono-, di-, and tetranuclear complexes of a bifurcated quadridentate tripod ligand, N-(aminopropyl)-diethanolamine	Sama, Farasha; Ansari, Istikhar A.; Raizada, Mukul; Ahmad, Musheer; Nagaraja, C. M.; Shahid, M.; Kumar, Abhinav; Khan, Kulsum; Siddiqi, Zafar A.	NEW JOURNAL OF CHEMISTRY	MAR 7 2017	2017	41	5	1959	1972		https://doi.org/10.1039/c6nj02562e	14	15	30255
Competition between alkalide characteristics and nonlinear optical properties in OLi ₃ -M-Li ₃ O (M=Li, Na, and K) complexes	Srivastava, Ambrish Kumar; Misra, Neeraj	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	FEB 2017	2017	117	3	208	212		https://doi.org/10.1002/qua.25313	14		30247.5

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Concurrent hypothalamic gene expression under acute and chronic long days: Implications for initiation and maintenance of photoperiodic response in migratory songbirds	Mishra, Ila; Bhardwaj, Sanjay K.; Malik, Shalie; Kumar, Vinod	MOLECULAR AND CELLULAR ENDOCRINOLOGY	JAN 5 2017	2017	439	C	81	94		https://doi.org/10.1016/j.mce.2016.10.023	14	14	30254.5
Investigation of structural, morphological and optical properties of Mg: ZnO thin films prepared by sol-gel spin coating method	Verma, Kartikey; Chaudhary, Babulal; Kumar, Vijay; Sharma, Vishal; Kumar, Mahendra	VACUUM	DEC 2017	2017	146		524	529		https://doi.org/10.1016/j.vacuum.2017.06.031	13	16	28138.5
Study of molecular structure, chemical reactivity and H-bonding interactions in the cocrystal of nitrofurantoin with urea	Khan, E.; Shukla, A.; Jadav, N.; Telford, R.; Ayala, A. P.; Tandon, P.; Vangala, V. R.	NEW JOURNAL OF CHEMISTRY	OCT 7 2017	2017	41	19	11069	11078		https://doi.org/10.1039/c7nj01345k	13	13	28137
Analysis of sphingolipids, sterols, and phospholipids in human pathogenic Cryptococcus strains	Singh, Ashutosh; MacKenzie, Andrew; Girmun, Geoffrey; Del Poeta, Maurizio	JOURNAL OF LIPID RESEARCH	OCT 2017	2017	58	10	2017	2036		https://doi.org/10.1194/jlr.M078600	13	14	28137.5
Epithelial plasticity and cancer stem cells: Major mechanisms of cancer pathogenesis and therapy resistance	Garg, Minal	WORLD JOURNAL OF STEM CELLS	AUG 26 2017	2017	9	8	118	126		https://doi.org/10.4252/wjsc.v9.i8.118	13	12	28136.5
Multiproxy records of vegetation and monsoon variability from the lacustrine sediments of eastern Ganga Plain since 1350 AD	Saxena, Anju; Sen Singh, Dhruv	QUATERNARY INTERNATIONAL	JUL 15 2017	2017	444		24	34		https://doi.org/10.1016/j.quaint.2016.08.003	13		28130.5
Swift heavy ion irradiation induced modifications in structural, microstructural, electrical and magnetic properties of Mn doped SnO2 thin films	Gupta, Sushant; Singh, Fouran; Lalla, N. P.; Das, B.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	JUN 1 2017	2017	400		37	57		https://doi.org/10.1016/j.nimb.2017.03.155	13		28130.5
Microstructures and strain variation: Evidence of multiple splays in the North Almora Thrust Zone, Kumaun Lesser Himalaya, Uttarakhand, India	Joshi, Gaurav; Agarwal, Amar; Agarwal, K. K.; Srivastava, Samridhi; Alva Valdivia, L. M.	TECTONOPHYSICS	JAN 2 2017	2017	694		239	248		https://doi.org/10.1016/j.tecto.2016.11.008	13	12	28136.5

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Rational Syntheses of Cd-II and Pb-II Metal-Organic Frameworks for Luminescence Sensing of Nitroaromatics, Ferric and Chromate Ions	Wu, Yu; Li, Yulong; Zou, Like; Feng, Jianshen; Liu, Jianqiang; Luo, Miaomiao; Xu, Jingwen; Yadav, Reena; Kumar, Abhinav	ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE	JAN 2017	2017	643	2	214	219		https://doi.org/10.1002/zaac.201600344	13		28130.5
Correlation between Strength and Durability Indices of Rocks- Soft Computing Approach	Ahmad, M.; Ansari, M. K.; Sharma, L. K.; Singh, Rajesh; Singh, T. N.	ISRM EUROPEAN ROCK MECHANICS SYMPOSIUM EUROCK 2017	2017	2017	191		458	466		https://doi.org/10.1016/j.proeng.2017.05.204	12	13	26020
Molecular structure, nonlinear optical studies and spectroscopic analysis of chalcone derivative (2E)-3-[4-(methylsulfanyl) phenyl]-1-(3-bromophenyl) prop-2-en-1-one by DFT calculations	Kumar, Amit; Kumar, Rajesh; Gupta, Archana; Tandon, Poonam; D'silva, E. Deepak	JOURNAL OF MOLECULAR STRUCTURE	DEC 15 2017	2017	1150		166	178		https://doi.org/10.1016/j.molstruc.2017.08.072	11		23896.5
Synthesis, structural and X-ray absorption spectroscopy of (PbxBi1-x).TiO3 borosilicate glass and glass ceramics	Madheshiya, Abhishek; Gautam, Chandkiram; Kumar, Subodh	JOURNAL OF ASIAN CERAMIC SOCIETIES	SEP 2017	2017	5	3	276	283		https://doi.org/10.1016/j.jascer.2017.05.003	11		23896.5
Synthesis, characterization and anti cancer activity of some fluorinated 3,6-diaryl-[1,2,4] triazolo[3,4-b] [1,3,4] thiazoles	Chowrasia, Deepak; Karthikeyan, Chandrabose; Choure, Lokesh; Sahabjada; Gupta, Madhu; Arshad, Md; Trivedi, Piyush	ARABIAN JOURNAL OF CHEMISTRY	MAY 2017	2017	10		S2424	S2428		https://doi.org/10.1016/j.arabjc.2013.08.026	11		23896.5
Temporal fluctuations and frontal area change of Bangni and Dunagiri glaciers from 1962 to 2013, Dhauliganga Basin, central Himalaya, India	Kumar, Vinit; Mehta, Manish; Mishra, Ajai; Trivedi, Anjali	GEOMORPHOLOGY	MAY 1 2017	2017	284		88	98		https://doi.org/10.1016/j.geomorph.2016.12.012	11	11	23902
Determination of pesticide and phthalate residues in tea by QuEChERS method and their fate in processing	Yadav, Sapna; Rai, Satyajeet; Srivastava, Ashutosh K.; Panchal, Smita; Patel, D. K.; Sharma, V. P.; Jain, Sudha; Srivastava, L. P.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JAN 2017	2017	24	3	3074	3083		https://doi.org/10.1007/s11356-016-7673-2	11	10	23901.5

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An early prediction of 25th solar cycle using Hurst exponent	Singh, A. K.; Bhargawa, Asheesh	ASTROPHYSICS AND SPACE SCIENCE	NOV 2017	2017	362	11			199	https://doi.org/10.1007/s10509-017-3180-2	10	10	21784.5
Pattern of retreat and related morphological zones of Gangotri Glacier, Garhwal Himalaya, India	Sen Singh, Dhruv; Tangri, Anjani Kumar; Kumar, Dharendra; Dubey, Chetan Anand; Bali, Rameshwar	QUATERNARY INTERNATIONAL	JUL 15 2017	2017	444		172	181		https://doi.org/10.1016/j.quaint.2016.07.025	10	12	21785.5
Soil slope instability along a strategic road corridor in Meghalaya, north-eastern India	Umrao, Ravi Kumar; Singh, Rajesh; Sharma, L. K.; Singh, T. N.	ARABIAN JOURNAL OF GEOSCIENCES	JUN 2017	2017	10	12			260	https://doi.org/10.1007/s12517-017-3043-8	10	10	21784.5
Fabrication of copper ferrite porous hierarchical nanostructures for an efficient liquefied petroleum gas sensor	Singh, Archana; Singh, Ajendra; Singh, Satyendra; Tandon, Poonam	SENSORS AND ACTUATORS B-CHEMICAL	JUN 2017	2017	244		806	814		https://doi.org/10.1016/j.snb.2017.01.069	10	10	21784.5
Synthesis, molecular structure, spectral analysis and cytotoxic activity of two new aroylhydrazones	Singh, Ravindra Kumar; Singh, Ashok Kumar; Siddiqui, Sahabjada; Arshad, Mohammad; Jafri, Asif	JOURNAL OF MOLECULAR STRUCTURE	MAY 5 2017	2017	1135		82	97		https://doi.org/10.1016/j.molstruc.2017.01.059	10	12	21785.5
Particle dynamics and spatial e(-) e(+) density structures at QED cascading in circularly polarized standing waves	Bashinov, A. V.; Kumar, P.; Kim, A. V.	PHYSICAL REVIEW A	APR 21 2017	2017	95	4			42127	https://doi.org/10.1103/PhysRevA.95.042127	10		21779.5
Tm3+, Yb3+ activated ANbO(4) (A = Y, Gd, La) phosphors: a comparative study of optical properties (downshifting and upconversion emission) and laser induced heating effect	Dwivedi, Abhishek; Mishra, Kavita; Rai, S. B.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	FEB 2 2017	2017	50	4			45602	https://doi.org/10.1088/1361-6463/aa5065	10		21779.5
Piperine Triggers Apoptosis of Human Oral Squamous Carcinoma Through Cell Cycle Arrest and Mitochondrial Oxidative Stress	Siddiqui, Sahabjada; Ahamad, Md Sultan; Jafri, Asif; Afzal, Mohd; Arshad, Md	NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL	2017	2017	69	5	791	799		https://doi.org/10.1080/01635581.2017.1310260	10	14	21786.5

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A 2D Cd(II)-MOF as a multifunctional luminescent sensor for nitroaromatics, iron(III) and chromate ions	Wu, Yu; Li, Yulong; Zou, Like; Feng, Jianshen; Wu, Xiren; Yang, Suzhen; Liu, Weicong; Fan, Guiling; Singh, Amita; Kumar, Abhinav	JOURNAL OF COORDINATION CHEMISTRY	2017	2017	70	6	1077	1088		https://doi.org/10.1080/00958972.2017.1283686	10	11	21785
Fabrication and optical characterizations of lead calcium titanate borosilicate glasses	Das, Sangeeta; Madheshiya, Abhishek; Gautam, S. S.; Gautam, C. R.	JOURNAL OF NON-CRYSTALLINE SOLIDS	DEC 15 2017	2017	478		16	22		https://doi.org/10.1016/j.jnoncrysol.2017.10.004	9	7	19666
Influence of Fe-doping on the structural, optical and luminescent behavior of ZnO thin films deposited by spin coating technique	Verma, Kartikey; Chaudhary, Babulal; Kumar, Vijay; Sharma, Vishal; Kumar, Mahendra	VACUUM	DEC 2017	2017	146		478	482		https://doi.org/10.1016/j.vacuum.2017.06.033	9	10	19667.5
Chitosan immobilized novel peroxidase from Azadirachta indica: Characterization and application	Pandey, Veda P.; Rani, Jyoti; Jaiswal, Nivedita; Singh, Swati; Awasthi, Manika; Shasany, Ajit K.; Tiwari, Sarneeksha; Dwivedi, Upendra N.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	NOV 2017	2017	104		1713	1720		https://doi.org/10.1016/j.ijbiomac.2017.02.047	9	14	19669.5
Time-resolved fluorescence and absence of Forster resonance energy transfer in ferroelectric liquid crystal-quantum dots composites	Singh, D. P.; Pandey, S.; Manohar, R.; Kumar, S.; Pujar, G. H.; Inamdar, S. R.	JOURNAL OF LUMINESCENCE	OCT 2017	2017	190		161	170		https://doi.org/10.1016/j.jlumin.2016.09.056	9		19662.5
Superhalogens as building blocks of a new series of superacids	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	JUL 7 2017	2017	41	13	5445	5449		https://doi.org/10.1039/c7nj00129k	9	10	19667.5
CdTe quantum dot dispersed ferroelectric liquid crystal: Transient memory with faster optical response and quenching of photoluminescence	Pandey, Shivani; Singh, Dharmendra Pratap; Agrahari, Kaushlendra; Srivastava, Atul; Czerwinski, Michal; Kumar, Sandeep; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	JUL 2017	2017	237		71	80		https://doi.org/10.1016/j.molliq.2017.04.035	9	10	19667.5

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DFT calculations on molecular structure, spectral analysis, multiple interactions, reactivity, NLO property and molecular docking study of flavanol-2,4-dinitrophenylhydrazone	Singh, Ravindra Kumar; Singh, Ashok Kumar	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2017	2017	1129		128	141		https://doi.org/10.1016/j.molstruc.2016.09.072	9	10	19667.5
Pico-ampere current sensitivity and CdSe quantum dots assembly assisted charge transport in ferroelectric liquid crystal	Singh, Dharmendra Pratap; Boussoualem, Yahia; Duponchel, Benoit; Sahraoui, Abdelhak Hadj; Kumar, Sandeep; Manohar, Rajiv; Daoudi, Abdelylah	JOURNAL OF PHYSICS D-APPLIED PHYSICS	AUG 16 2017	2017	50	32			325301	https://doi.org/10.1088/1361-6463/aa7ae5	8		17545.5
Ferrocenyl benzimidazole with carboxylic and nitro anchors as potential sensitizers in dye-sensitized solar cells	Yadav, Reena; Singh, Amita; Kociok-Kohn, Gabriele; Chauhan, Ratna; Kumar, Abhinav; Gosavi, Suresh	NEW JOURNAL OF CHEMISTRY	AUG 7 2017	2017	41	15	7312	7321		https://doi.org/10.1039/c7nj01464c	8	8	17549.5
Altitudinal treeline dynamics of Himalayan pine in western Himalaya, India	Yadava, Akhilesh K.; Sharma, Yogesh K.; Dubey, Bhasha; Singh, Jayendra; Singh, Vikram; Bhutiyani, Mahendra R.; Yadav, Ram R.; Misra, Krishna G.	QUATERNARY INTERNATIONAL	JUL 15 2017	2017	444		44	52		https://doi.org/10.1016/j.quaint.2016.07.032	8	8	17549.5
Synthesis, characterization and biological evaluation of ruthenium flavanol complexes against breast cancer	Singh, Ashok Kumar; Saxena, Gunjan; Sahabjada; Arshad, M.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JUN 5 2017	2017	180		97	104		https://doi.org/10.1016/j.saa.2017.02.056	8	9	17550
A porous zinc(II) metal-organic framework exhibiting high sensing ability for ferric and nitroaromatics as well as photocatalytic degradation activities against organic dyes	Liu, Jianqiang; Wu, Jian; Luo, Zhidong; Li, Baohong; Singh, Amita; Kumar, Abhinav	JOURNAL OF COORDINATION CHEMISTRY	2017	2017	70	23	3946	3958		https://doi.org/10.1080/00958972.2017.1414202	8		17545.5
Plant derived anti-cancerous secondary metabolites as multipronged inhibitor of COX, Topo, and aromatase: molecular modeling and dynamics simulation analyses	Singh, Swati; Awasthi, Manika; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2017	2017	35	14	3082	3097		https://doi.org/10.1080/07391102.2016.1241720	8	9	17550

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Efficient photocatalytic degradation of methyl violet with two metal-organic frameworks	Lu, Lu; Wang, Jun; Cai, Shu-Lan; Xie, Bin; Li, Bao-Hong; Man, Jian-Hui; He, Yong-Xiang; Singh, Amita; Kumar, Abhinav	JOURNAL OF COORDINATION CHEMISTRY	2017	2017	70	19	3409	3421		https://doi.org/10.1080/00958972.2017.1390224	8		17545.5
Fabrication of a new metal-organic framework for sensitive sensing of nitroaromatics and efficient dye adsorption	Wu, Wei-Ping; Wu, Jian; Liu, Jian-Qiang; Trivedi, Manoj; Kumar, Abhinav	RSC ADVANCES	2017	2017	7	86	54522	54531		https://doi.org/10.1039/c7ra11221a	8	9	17550
DEVELOPMENT OF A NEW RUTIN NANOEMULSION AND ITS APPLICATION ON PROSTATE CARCINOMA PC3 CELL LINE	Ahmad, Mohammad; Sahabjada; Akhtar, Juber; Hussain, Arshad; Badaruddeen; Arshad, Md; Mishra, Anuradha	EXCLI JOURNAL	2017	2017	16		810	823		https://doi.org/10.17179/excli2016-668	8	12	17551.5
2,3-Diaryl-3H-imidazo[4,5-b]pyridine derivatives as potential anticancer and anti-inflammatory agents	Kirwen, Erin Marie; Batra, Tarun; Karthikeyan, Chandrabose; Deora, Girdhar Singh; Rathore, Vandana; Mulakayala, Chaitanya; Mulakayala, Naveen; Nusbaum, Amy Catherine; Chen, Joel; Amawi, Haneen; McIntosh, Kyle; Sahabjada; Shivnath, Neelam; Chowarsia, Deepak; Sharma, Nisha; Arshad, Md; Trivedi, Piyush; Tiwari, Amit K.	ACTA PHARMACEUTICA SINICA B	JAN 2017	2017	7	1	73	79		https://doi.org/10.1016/j.apsb.2016.05.003	8	9	17550
Synthesis, structural and 3-D architecture of lanthanum oxide added hydroxyapatite composites for bone implant applications: Enhanced microstructural and mechanical properties	Gautam, C. R.; Kumar, Sunil; Mishra, Vijay Kumar; Biradar, Santoshkumar	CERAMICS INTERNATIONAL	NOV 2017	2017	43	16	14114	14121		https://doi.org/10.1016/j.ceramint.2017.07.150	7	8	15432.5
Vegetation and climate change in the temperate-subalpine belt of Himachal Pradesh since 6300 cal. yrs. BP, inferred from pollen evidence of Triloknath palaeolake	Bali, Rameshwar; Chauhan, M. S.; Mishra, Amit K.; Ali, S. Nawaz; Tomar, Ajay; Khan, Imran; Sen Singh, Dhruv; Srivastava, Purnima	QUATERNARY INTERNATIONAL	JUL 15 2017	2017	444		11	23		https://doi.org/10.1016/j.quaint.2016.07.057	7	8	15432.5

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Structural confirmation, single X-ray crystallographic behavior, molecular docking and other physico-chemical properties of gerberinol, a natural dimethyl dicoumarol from <i>Gerbera lanuginosa</i> Benth. (Compositae)	Brahmachari, Goutam; Das, Saktipada; Kumar, Abhishek; Misra, Neeraj; Sharma, Sakshi; Gupta, Vivek K.	JOURNAL OF MOLECULAR STRUCTURE	MAY 15 2017	2017	1136		214	221		https://doi.org/10.1016/j.molstruc.2017.01.062	7	5	15431
Strategic mate-guarding behaviour in ladybirds	Chaudhary, Desh D.; Mishra, Geetanjali; Omkar	ETHOLOGY	MAY 2017	2017	123	5	376	385		https://doi.org/10.1111/eth.12606	7	6	15431.5
Study of vibrational spectra and hydrogen bonding network in dimeric and tetrameric model of ampicillin using DFT and AIM approach	Shukla, Anuradha; Khan, Eram; Tandon, Poonam; Sinha, Kirti	JOURNAL OF MOLECULAR STRUCTURE	MAR 5 2017	2017	1131		225	235		https://doi.org/10.1016/j.molstruc.2016.11.057	7	7	15432
Hill slope stability analysis using two and three dimensions analysis: A comparative study	Singh, Rajesh; Umrao, Ravi Kumar; Singh, T. N.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAR 2017	2017	89	3	295	302		https://doi.org/10.1007/s12594-017-0602-2	7	6	15431.5
1,2-Bis(diphenylphosphino)ethane nickel(II) O,O' -dialkyldithiophosphates as potential precursors for nickel sulfides	Yadav, Reena; Singh, Ashish Kumar; Waghadkar, Yogesh; Kociok-Kohn, Gabriele; Kumar, Abhinav; Chauhan, Ratna; Rane, Sunit; Gosavi, Suresh	NEW JOURNAL OF CHEMISTRY	FEB 7 2017	2017	41	3	1327	1333		https://doi.org/10.1039/c6nj03186b	7		15428.5
Status of photosynthetic pigments, lipid peroxidation and anti-oxidative enzymes in <i>Vigna mungo</i> in presence of arsenic	Srivastava, Saumya; Sinha, Pratima; Sharma, Yogesh Kumar	JOURNAL OF PLANT NUTRITION	2017	2017	40	3	298	306		https://doi.org/10.1080/01904167.2016.1240189	7	9	15433
Effect of graphene oxide interlayer electron-phonon coupling on the electro-optical parameters of a ferroelectric liquid crystal	Singh, D. P.; Kumar, V.; Kumar, A.; Manohar, R.; Pasricha, Renu; Duponchel, B.; Boussoualem, Y.; Sahraoui, A. H.; Daoudi, A.	RSC ADVANCES	2017	2017	7	21	12479	12485		https://doi.org/10.1039/c6ra25126a	7	7	15432

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ZnS quantum dot induced phase transitional changes and enhanced ferroelectric mesophase in QDs/FLC composites	Vimal, T.; Pandey, S.; Singh, D. P.; Gupta, S. K.; Agrahari, K.; Kumbhakar, P.; Kole, A. K.; Manohar, R.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	JAN 2017	2017	100		134	142		https://doi.org/10.1016/j.jpccs.2016.09.018	7	7	15432
Recombinant Calponin of human filariid Brugia malayi: Secondary structure and immunoprophylactic potential	Verma, Shiv K.; Arora, Ashish; Murthy, P. Kalpana	VACCINE	SEP 12 2017	2017	35	38	5201	5208		https://doi.org/10.1016/j.vaccine.2017.07.105	6		13311.5
Mitigating potential of Melissa officinale against As ³⁺ -induced cytotoxicity and transcriptional alterations of Hsp70 and Hsp27 in fish, Channa punctatus (Bloch)	Dwivedi, Shraddha; Kumar, Manoj; Trivedi, Sunil P.	ENVIRONMENTAL MONITORING AND ASSESSMENT	JUL 2017	2017	189	7			306	https://doi.org/10.1007/s10661-017-6002-7	6		13311.5
Comprehensive assessment of the genes involved in withanolide biosynthesis from Withania somnifera: chemotype-specific and elicitor-responsive expression	Agarwal, Aditya Vikram; Gupta, Parul; Singh, Deeksha; Dhar, Yogeshwar Vikram; Chandra, Deepak; Trivedi, Prabodh Kumar	FUNCTIONAL & INTEGRATIVE GENOMICS	JUL 2017	2017	17	4	477	490		https://doi.org/10.1007/s10142-017-0548-x	6	7	13315
Mid-to late Holocene climate response from the Triloknath palaeolake, Lahaul Himalaya based on multiproxy data	Bali, Rameshwar; Khan, Imran; Sangode, S. J.; Mishra, Amit K.; Ali, S. Nawaz; Singh, Saurabh K.; Tripathi, Jayant K.; Sen Singh, Dhruv; Srivastava, Purnima	GEOMORPHOLOGY	MAY 1 2017	2017	284		206	219		https://doi.org/10.1016/j.geomorph.2016.10.028	6		13311.5
Electrical and optical properties of ZnO-WO ₃ nanocomposite and its application as a solid-state humidity sensor	Shakya, Vandna; Pandey, N. K.; Misra, Suneet Kumar; Roy, Akash	BULLETIN OF MATERIALS SCIENCE	APR 2017	2017	40	2	253	262		https://doi.org/10.1007/s12034-017-1373-5	6	6	13314.5
Effect of Cd _{1-x} Zn _x S/ZnS core/shell quantum dot on the optical response and relaxation behaviour of ferroelectric liquid crystal	Agrahari, Kaushlendra; Pathak, Govind; Katiyar, Rohit; Yadav, Geeta; Vimal, Tripti; Pandey, Shivani; Singh, Dharmendra Pratap; Gupta, Swadesh Kumar; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2017	2017	652	1	195	205		https://doi.org/10.1080/15421406.2017.1373522	6		13311.5

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A Quantum Theory of Atoms-in-Molecules Perspective and DFT Study of Two Natural Products: Trans-Communic Acid and Imbricatolic Acid	Pandey, Sarvesh Kumar; Khan, Mohammad Faheem; Awasthi, Shikha; Sangwan, Reetu; Jain, Sudha	AUSTRALIAN JOURNAL OF CHEMISTRY	2017	2017	70	3	328	337		https://doi.org/10.1071/CH16406	6	6	13314.5
Conformational Study and Vibrational Spectroscopic (FT-IR and FT-Raman) Analysis of an Alkaloid-Borreverine Derivative	Singh, Swapnil; Singh, Harshita; Karthick, T.; Tandon, Poonam; Dethe, Dattatraya H.; Erande, Rohan D.	ANALYTICAL SCIENCES	JAN 2017	2017	33	1	99	104		https://doi.org/10.2116/analsci.33.99	6	6	13314.5
cis-1,2-Bis(diphenylphosphino)ethylene copper(I) catalyzed C-H activation and carboxylation of terminal alkynes	Trivedi, Manoj; Smreker, Jacob R.; Singh, Gurmeet; Kumar, Abhinav; Rath, Nigam P.	NEW JOURNAL OF CHEMISTRY	DEC 7 2017	2017	41	23	14145	14151		https://doi.org/10.1039/c7nj03038j	5		11194.5
Evaluation of antituberculosis activity and DFT study on dipyrromethane-derived hydrazone derivatives	Rawat, Poonam; Singh, R. N.; Niranjana, Priyadarshni; Ranjan, Alok; Flores Holguin, Norma Rosario	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2017	2017	1149		539	548		https://doi.org/10.1016/j.molstruc.2017.08.008	5	5	11197
Survey of ferns and clinico-pathological studies on the field cases of Enzootic bovine haematuria in Himachal Pradesh, a north-western Himalayan state of India	Rai, Sarvesh K.; Sharma, Rinku; Kumari, Alka; Rasmussen, Lars H.; Patil, Rajendra D.; Bhar, Rasbehari	TOXICON	NOV 2017	2017	138		31	36		https://doi.org/10.1016/j.toxicon.2017.08.010	5	4	11196.5
A theoretical quantum chemical study of alanine formation in interstellar medium	Shivani; Pandey, Parmanad; Misra, Alka; Tandon, Poonam	EUROPEAN PHYSICAL JOURNAL D	AUG 29 2017	2017	71	8			215	https://doi.org/10.1140/epjd/e2017-70575-2	5	4	11196.5
Synthesis, spectroscopic characterization, theoretical study and anti hepatic cancer activity study of 4-(1E,3Z,6E)-3-hydroxy-7-(4-hydroxy-3-methoxyphenyl)-5-oxohepta-1,3,6-trien-1-yl)-2-methoxyphenyl 4-nitrobenzoate, a novel curcumin congener	Srivastava, Sangeeta; Gupta, Preeti; Singh, Ranvijay Pratap; Jafri, Asif; Arshad, M.; Banerjee, Monisha	JOURNAL OF MOLECULAR STRUCTURE	AUG 5 2017	2017	1141		678	686		https://doi.org/10.1016/j.molstruc.2017.04.008	5		11194.5
Antimycobacterial, antimicrobial activity, experimental (FT-IR, FT-Raman, NMR, UV-Vis, DSC) and DFT (transition state, chemical reactivity, NBO, NLO) studies on pyrrole-isonicotinyl hydrazone	Rawat, Poonam; Singh, R. N.; Ranjan, Alok; Ahmad, Sartaj; Saxena, Rajat	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	MAY 15 2017	2017	179		1	10		https://doi.org/10.1016/j.saa.2017.02.021	5		11194.5

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Cytomorphologic parameters in monitoring cytogenotoxic effects of fertilizer in <i>Allium cepa</i> L.	Verma, Sonam; Srivastava, Alka	ENVIRONMENTAL MONITORING AND ASSESSMENT	APR 2017	2017	189	4			159	https://doi.org/10.1007/s10661-017-5873-y	5	5	11197
Doping effect of CrO ₃ on crystallization and dielectric behavior of strontium titanate borosilicate glass ceramics	Singh, Anod Kumar; Gautam, C. R.; Madheshiya, Abhishek; Dwivedi, R. K.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	MAR 2017	2017	28	5	4161	4169		https://doi.org/10.1007/s10854-016-6036-6	5		11194.5
Characterization and intramolecular bonding patterns of busulfan: Experimental and quantum chemical approach	Karthick, T.; Tandon, Poonam; Singh, Swapnil; Agarwal, Parag; Srivastava, Anubha	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 15 2017	2017	173		390	399		https://doi.org/10.1016/j.saa.2016.09.031	5	5	11197
Study of hydrogen-bonding, vibrational dynamics and structure activity relationship of genistein using spectroscopic techniques coupled with DFT	Singh, Harshita; Singh, Swapnil; Srivastava, Anubha; Tandon, Poonam; Bharti, Purnima; Kumar, Sudhir; Dev, Kapil; Maurya, Rakesh	JOURNAL OF MOLECULAR STRUCTURE	FEB 15 2017	2017	1130		929	939		https://doi.org/10.1016/j.molstruc.2016.10.077	5		11194.5
Conformational stability, spectroscopic signatures and biological interactions of proton pump inhibitor drug lansoprazole based on structural motifs	Agrawal, Megha; Kumar, Amit; Gupta, Archana	RSC ADVANCES	2017	2017	7	66	41573	41584		https://doi.org/10.1039/c7ra00130d	5	3	11196
Light spectrum and intensity, and the timekeeping in birds	Kumar, Jayant; Gupta, Preeti; Naseem, Asma; Malik, Shalie	BIOLOGICAL RHYTHM RESEARCH	2017	2017	48	5	739	746		https://doi.org/10.1080/09291016.2017.1345449	5	6	11197.5
Terahertz radiation generation by propagation of circularly polarized laser pulses in axially magnetized plasma	Sharma, Pooja; Wadhvani, Navina; Jha, Pallavi	PHYSICS OF PLASMAS	JAN 2017	2017	24	1			13102	https://doi.org/10.1063/1.4973325	5	5	11197
Relevance of MIC-1 in the Era of PSA as a Serum Based Predictor of Prostate Cancer: A Critical Evaluation	Bansal, Navneeta; Kumar, Deepak; Gupta, Ashish; Chandra, Deepak; Sankhwar, Satya Narain; Mandhani, Anil	SCIENTIFIC REPORTS	DEC 4 2017	2017	7				16824	https://doi.org/10.1038/s41598-017-17207-2	4	5	9080

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An unusual zig-zag 1D copper(II) coordination polymer displaying magnetic phase transition	Wang, Jun; Li, Bao-Hong; Lu, Lu; Liu, Jian-Qiang; Sakiyama, Hiroshi; Kumar, Abhinav	DALTON TRANSACTIONS	NOV 28 2017	2017	46	44	15178	15180		https://doi.org/10.1039/c7dt03539j	4	5	9080
Effect of metallic silver nanoparticles on the alignment and relaxation behaviour of liquid crystalline material in smectic C* phase	Vimal, Tripti; Gupta, Swadesh Kumar; Katiyar, Rohit; Srivastava, Atul; Czerwinski, Michal; Krup, Katarzyna; Kumar, Sandeep; Manohar, Rajiv	JOURNAL OF APPLIED PHYSICS	SEP 21 2017	2017	122	11			114102	https://doi.org/10.1063/1.5003247	4	4	9079.5
Structural characterization, spectroscopic signatures, nonlinear optical response, and antioxidant property of 4-benzyloxybenzaldehyde and its binding activity with microtubule-associated tau protein	Anbu, V.; Vijayalakshmi, K. A.; Karthick, T.; Tandon, Poonam; Narayana, B.	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2017	2017	1143		362	370		https://doi.org/10.1016/j.molstruc.2017.04.098	4	4	9079.5
Electrocatalytic Properties of La _{1-x} Cu _x CoO ₃ (0 ≤ X ≤ 0.8) Film Electrodes Prepared by Malic Acid Sol -Gel Method at pH=3.75	Singh, N. K.; Yadav, M. K.; Fernandez, Carlos	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	AUG 2017	2017	12	8	7128	7141		https://doi.org/10.20964/2017.08.68	4		9077.5
Functionalization of benzene by superhalogens	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	MAR 2017	2017	671		44	48		https://doi.org/10.1016/j.cplett.2017.01.017	4	4	9079.5
Multi-Component synthesis and computational studies of three novel thio-barbituric acid carbohydrate derivatives	Gupta, Stuti; Khare, Naveen K.	JOURNAL OF MOLECULAR STRUCTURE	JAN 5 2017	2017	1127		309	313		https://doi.org/10.1016/j.molstruc.2016.07.063	4	3	9079
Going beyond the limits: effect of clock disruption on human health	Yadav, Arjita; Verma, Pragya; Singh, Sudhi	BIOLOGICAL RHYTHM RESEARCH	2017	2017	48	5	693	700		https://doi.org/10.1080/09291016.2017.1345428	4	7	9081
Lipoxygenase directed anti-inflammatory and anti-cancerous secondary metabolites: ADMET-based screening, molecular docking and dynamics simulation	Singh, Swati; Awasthi, Manika; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2017	2017	35	3	657	668		https://doi.org/10.1080/07391102.2016.1159985	4		9077.5

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Application of superhalogens in the design of organic superconductors	Srivastava, Ambrish K.; Kumar, Abhishek; Tiwari, Sugriva N.; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	DEC 21 2017	2017	41	24	14847	14850		https://doi.org/10.1039/c7nj02868g	3	3	6962
Circannual testis and moult cycles persist under photoperiods that disrupt circadian activity and clock gene cycles in spotted munia	Agarwal, Neha; Mishra, Ila; Komal, Ruchi; Rani, Sangeeta; Kumar, Vinod	JOURNAL OF EXPERIMENTAL BIOLOGY	NOV 15 2017	2017	220	22	4162	4168		https://doi.org/10.1242/jeb.167809	3	3	6962
Estimation of petrographic factors of Deccan basalt using petro-physico-mechanical properties	Ahmad, M.; Ansari, M. K.; Singh, Rajesh; Sharma, L. K.; Singh, T. N.	BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT	NOV 2017	2017	76	4	1521	1534		https://doi.org/10.1007/s10064-017-1061-0	3	3	6962
Molecular structure, supramolecular association and anion sensing by chlorodiorganotin(IV) methylferrocenyldithiocarbamates	Yadav, Reena; Awasthi, Mahendra Kumar; Singh, Amita; Kociok-Kohn, Gabriele; Trivedi, Manoj; Prasad, Rajendra; Shahid, Mohammad; Kumar, Abhinav	JOURNAL OF MOLECULAR STRUCTURE	OCT 5 2017	2017	1145		197	203		https://doi.org/10.1016/j.molstruc.2017.05.111	3	3	6962
A Base-Mediated 6-exo-trig versus 6-exo-dig Carbocyclization Strategy for the Synthesis of Functionalized Biaryl Compounds	Yadav, Pratik; Shaw, Ranjay; Panwar, Rahul; Sahu, Satya Narayan; Kumar, Abhinav; Pratap, Ramendra	ASIAN JOURNAL OF ORGANIC CHEMISTRY	OCT 2017	2017	6	10	1394	1397		https://doi.org/10.1002/ajoc.201700319	3	3	6962
Superalkali@C-60-superhalogen: Structure and nonlinear optical properties of a new class of endofullerene complexes	Srivastava, Ambrish Kumar; Kumar, Abhishek; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	AUG 16 2017	2017	682		20	25		https://doi.org/10.1016/j.cplett.2017.05.070	3		6960.5
Redshift in the UV emission and curtailment in optical band gap of Manganese doped Zinc oxide thin films	Masih, Vandana Grace; Srivastava, Anchal	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	JUN 2017	2017	28	11	8238	8245		https://doi.org/10.1007/s10854-017-6535-0	3	3	6962

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Ribosomal DNA analysis of isolates of the liver fluke <i>Opisthorchis pedicellata</i> (Verma, 1927) from two siluroid fish species in India	Choudhary, K.; Agrawal, N.	JOURNAL OF HELMINTHOLOGY	MAY 2017	2017	91	3	302	311		https://doi.org/10.1017/S0022149X16000390	3	4	6962.5
New limit for the half-life of double beta decay of Zr-94 to the first excited state of Mo-94	Dokania, N.; Nanal, V.; Gupta, G.; Pal, S.; Pillay, R. G.; Rath, P. K.; Tretyak, V. I.; Garai, A.; Krishnamoorthy, H.; Ghosh, C.; Raina, P. K.; Bhushan, K. G.	EUROPEAN PHYSICAL JOURNAL A	APR 24 2017	2017	53	4			74	https://doi.org/10.1140/epja/i2017-12266-9	3		6960.5
Enhanced harmonic generation by propagation of two-color p-polarized laser beams in plasma	Agrawal, E.; Verma, N. K.; Jha, P.	LASER AND PARTICLE BEAMS	MAR 2017	2017	35	1	182	189		https://doi.org/10.1017/S0263034617000052	3	3	6962
Synthesis, spectroscopic analysis and theoretical study of new pyrrole-isoxazoline derivatives	Rawat, Poonam; Singh, R. N.; Sabo, Vikas; Niranjana, Priyadarshni; Rani, Himanshu; Saxena, Rajat; Ahmad, Sartaj	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2017	2017	1129		37	49		https://doi.org/10.1016/j.molstruc.2016.09.042	3	3	6962
Curcumin: Structure-Activity Relationship Towards its Role as a Versatile Multi-Targeted Therapeutics	Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	MINI-REVIEWS IN ORGANIC CHEMISTRY	2017	2017	14	4	311	332		https://doi.org/10.2174/1570193X14666170518112446	3	4	6962.5
IN SILICO CD4+, CD8+T-CELL AND B-CELL IMMUNITY ASSOCIATED IMMUNOGENIC EPITOPE PREDICTION AND HLA DISTRIBUTION ANALYSIS OF ZIKA VIRUS	Janahi, Essam Mohammed; Dhasmana, Anupam; Srivastava, Vandana; Sarangi, Aditya Narayan; Raza, Sana; Arif, Jamal M.; Bhatt, Madan Lal Bramha; Lohani, Mohtashim; Areeshi, Mohammed Yahya; Saxena, Anand Murari; Haque, Shafiul	EXCLI JOURNAL	2017	2017	16		63	72		https://doi.org/10.17179/excli2016-719	3		6960.5

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Two neutrino double-beta decay of $94 \leq A \leq 150$ nuclei for the $0(+) \rightarrow 2(+)$ transition	Singh, Yash Kaur; Chandra, R.; Raina, P. K.; Rath, P. K.	EUROPEAN PHYSICAL JOURNAL A	DEC 22 2017	2017	53	12			244	https://doi.org/10.1140/epja/i2017-12445-8	2		4843.5
Evolution of a circularly polarized laser beam in an obliquely magnetized plasma channel	Hemlata; Upadhyay, A. K.; Jha, P.	LASER AND PARTICLE BEAMS	DEC 2017	2017	35	4	631	640		https://doi.org/10.1017/S0263034617000581	2	2	4844.5
Prevalence of rheumatic musculoskeletal symptoms in rural and urban areas : a cross-sectional study in northern India	Alok, Ragini; Srivastava, Ragini; Kumar, Puneet; Das, Siddharth K.; Agarwal, Girdhar G.; Dhaon, Pooja	INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES	NOV 2017	2017	20	11	1638	1647		https://doi.org/10.1111/1756-185X.13189	2	2	4844.5
Protective effects of perennial herb, <i>Melissa officinalis</i> against furadan 3G induced cytotoxicity in <i>Channa punctatus</i>	Tiwari, V.; Kumar, M.; Trivedi, S. P.	JOURNAL OF ENVIRONMENTAL BIOLOGY	NOV 2017	2017	38	6	1375	1381		https://doi.org/10.22438/jeb/38/6/MRN-465	2	2	4844.5
Morphological and molecular characterisation of three Indian <i>Neascus</i> -type metacercariae (Digenea: Diplostomidae)	Choudhary, Kirti; Tripathi, Amit; Pandey, Keshava C.; Agrawal, Nirupama	PARASITOLOGY INTERNATIONAL	OCT 2017	2017	66	5	652	659		https://doi.org/10.1016/j.parint.2017.06.007	2	5	4846
Spectroscopic (far or terahertz, mid-infrared and Raman) investigation, thermal analysis and biological activity of piplartine	Srivastava, Anubha; Karthick, T.; Joshi, B. D.; Mishra, Rashmi; Tandon, Poonam; Ayala, A. P.; Ellena, Javier	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	SEP 5 2017	2017	184		368	381		https://doi.org/10.1016/j.saa.2017.05.007	2	2	4844.5
Experimental and quantum chemical studies on poriferasterol - A natural phytosterol isolated from <i>Cassia sophera</i> Linn. (Caesalpiniaceae)	Brahmachari, Goutam; Mondal, Avijit; Nayek, Nayana; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2017	2017	1143		184	191		https://doi.org/10.1016/j.molstruc.2017.04.086	2		4843.5

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Synthesis, Characterization, Crystal Structure, and Stability of 2-(5, 5-dimethyl-3-oxocyclohex-1-en-1-yl) Hydrazinecarbothioamide: A Combined Experimental and Theoretical Study	Mehdi, Sayed Hasan; Ghalib, Raza Murad; Awasthi, Shikha; Alshahateet, Solhe F.; Hashim, Rokiah; Sulaiman, Othman; Pandey, Sarvesh Kumar	CHEMISTRYSELECT	AUG 11 2017	2017	2	23	6699	6709		https://doi.org/10.1002/slct.201700799	2	2	4844.5
Prolonged copula duration in the parthenium beetle, <i>Zygogramma bicolorata</i> : an alternative male tactic to amplify sperm transfer, reproductive attributes, and paternity outcomes	Afaq, Uzma; Omkar	ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA	JUL 2017	2017	164	1	45	53		https://doi.org/10.1111/eea.12595	2	1	4844
Polygyny influences the fitness of Parthenium beetle, <i>Zygogramma bicolorata</i> Pallister	Afaq, Uzma; Omkar	JOURNAL OF ASIA-PACIFIC ENTOMOLOGY	MAR 2017	2017	20	1	215	219		https://doi.org/10.1016/j.aspen.2017.01.004	2	2	4844.5
The use of large and small subunits of ribosomal DNA in evaluating phylogenetic relationships between species of <i>Cornudisoides</i> Kulkarni, 1969 (Monogenoidea: Dactylogyridae) from India	Verma, J.; Agrawal, N.; Verma, A. K.	JOURNAL OF HELMINTHOLOGY	MAR 2017	2017	91	2	206	214		https://doi.org/10.1017/S0022149X16000134	2	2	4844.5
Facile synthesis of corticosteroids prodrugs from isolated hydrocortisone acetate and their quantum chemical calculations	Sethi, Arun; Singh, Ranvijay Pratap; Prakash, Rohit; Amandeep	JOURNAL OF MOLECULAR STRUCTURE	FEB 15 2017	2017	1130		860	866		https://doi.org/10.1016/j.molstruc.2016.10.087	2	4	4845.5
Genotoxicity in the freshwater gastropod <i>Lymnaea luteola</i> L: assessment of cell type sensitivities to lead nitrate	Ali, Daoud; Ali, Huma; Alarifi, Saud; Al-Amer, Ali; Kumar, P. G.; Kumar, Sudhir; Masih, Agha P.; Alkahtani, Saad; Alkahtane, Abdullah A.; Hussain, S. A.	CHEMISTRY AND ECOLOGY	FEB 2017	2017	33	2	171	179		https://doi.org/10.1080/02757540.2016.1275587	2	1	4844
Submagmatic fabric in the 2.6 Ga Bundelkhand granitoid, India: evidence from microstructure	Sarkar, Goutam; Matin, Abdul; Sensarma, Sarajit	CURRENT SCIENCE	JAN 25 2017	2017	112	2	348	354		https://doi.org/10.18520/cs/v112/i02/348-354	2	2	4844.5

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Machine Learning and Time Series: Real World Applications	Misra, Puneet; Siddharth	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017			389	394		https://doi.org/10.1109/CCAA.2017.8229832	2	5	4846
Slant Riemannian Maps from an Almost Contact Manifold	Prasad, Rajendra; Pandey, Shashikant	FILOMAT	2017	2017	31	13	3999	4007		https://doi.org/10.2298/FIL1713999P	2	5	4846
Polymer-doped ferroelectric liquid crystal: UV absorbance, fluorescence and electro-optical study	Misra, Abhishek Kumar; Tripathi, Pankaj Kr; Pandey, Kamal Kumar; Manohar, Shashwati; Manohar, Rajiv	PHASE TRANSITIONS	2017	2017	90	3	227	235		https://doi.org/10.1080/01411594.2016.1174777	2	2	4844.5
Syntheses, Hirshfeld surface analyses and magnetism of two complexes with flexible carboxylates	Lu, Lu; Wang, Jun; Xie, Bin; Wu, Yu; Wu, Xi-Ren; Kumar, Abhinav	INORGANIC AND NANO-METAL CHEMISTRY	2017	2017	47	1	1	8		https://doi.org/10.1080/15533174.2015.1137050	2	2	4844.5
N-S crustal shear system in the Bundelkhand massif: A unique crustal evolution signature in the northern Indian peninsula	Singh, S. P.; Bhattacharya, A. R.	JOURNAL OF EARTH SYSTEM SCIENCE	DEC 2017	2017	126	8			121	https://doi.org/10.1007/s12040-017-0900-5	1		2726.5
MODERN PALYNOLOGICAL CENSUS OF DUNAGIRI VALLEY: DISTRIBUTION AND ITS RELATIONSHIP WITH PAST VEGETATION AND CLIMATE	Trivedi, Anjali; Kumar, Vinit; Mishra, Ajai; Tripathi, Rekha	JOURNAL OF THE PALAEOLOGICAL SOCIETY OF INDIA	DEC 2017	2017	62	2	237	243			1		2726.5
Intraguild interactions between five congeneric species of Thaparocleidus (Monogenoidea) from the freshwater shark Wallago attu, Lucknow, India	Agrawal, N.; Rajvanshi, S.; Asthana, A.	JOURNAL OF HELMINTHOLOGY	NOV 2017	2017	91	6	718	725		https://doi.org/10.1017/S0022149X17000049	1	1	2727
Structure, electronic properties and electronic excitation analyses of Si-60-Si-60 dimer and Si59Al-Si59P complex	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	CURRENT APPLIED PHYSICS	NOV 2017	2017	17	11	1376	1381		https://doi.org/10.1016/j.cap.2017.07.014	1		2726.5

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Molecular interaction Study in binary mixture of DMSO with formamide and N, N-dimethylformamide	Singh, R. D.; Gupta, M.	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	OCT 2017	2017	55	10	729	736			1	1	2727
Role of carrier concentration in swift heavy ion irradiation induced surface modifications	Gupta, Sushant; Ganesan, V.; Sulania, Indra; Das, B.	SURFACE SCIENCE	OCT 2017	2017	664		137	146		https://doi.org/10.1016/j.susc.2017.06.006	1	1	2727
First principle study of a potential bioactive molecule with tetrahydroisoquinoline, carbothiomide and adamantane scaffolds	Al-Shehri, Mona M.; Al-Majed, Abdul-Rahman A.; Aljohar, Haya I.; El-Emam, Ali A.; Pathak, Shilendra K.; Sachan, Alok K.; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2017	2017	1143		204	216		https://doi.org/10.1016/j.molstruc.2017.04.070	1	1	2727
Synthesis, crystal structure, spectroscopic and quantum chemical studies of novel 34(2-chlorophenyl)(piperidin-1-yl)methyl)-4-hydroxy-1-phenylquinolin-2(1H)-one	Fatma, Shaheen; Bishnoi, Abha; Verma, Anil Kumar; Singh, Ramesh; Srivastava, Amrita	JOURNAL OF MOLECULAR STRUCTURE	JUL 5 2017	2017	1139		338	352		https://doi.org/10.1016/j.molstruc.2017.03.051	1		2726.5
Study of parameter of nonlinearity in 2-chloroethanol with 2-dimethylethanolamine/2-diethylethanolamine at different temperatures	Awasthi, Anjali; Awasthi, Aashees	PHYSICA B-CONDENSED MATTER	JUN 15 2017	2017	515		1	7		https://doi.org/10.1016/j.physb.2017.03.045	1	1	2727
An Easy Synthetic Access to Spiro Derivatives Containing Pyrido[1,2-a]pyrimidine and Quinoline Scaffolds and Their Antimicrobial Activity.	Verma, Anil Kumar; Bishnoi, Abha; Fatma, Shaheen; Parveen, Huda; Singh, Vineeta	CHEMISTRYSELECT	MAY 15 2017	2017	2	14	4006	4009		https://doi.org/10.1002/slct.201700228	1	1	2727
Study of Cr -> SmA phase transition and hydrogen bonding in four-ring bent-core liquid crystal	Singh, Swapnil; Singh, Harshita; Tandon, Poonam; Chakraborty, Nirmalangshu; Rao, N. V. S.; Ayala, A. P.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	MAY 5 2017	2017	178		142	150		https://doi.org/10.1016/j.saa.2017.01.067	1		2726.5
Temperature-dependent infrared study of phase transitions in bent-core liquid crystalline compound 120(OH)2MeO10	Singh, Swapnil; Singh, Harshita; Tandon, Poonam; Rao, N. V. S.; Ayala, A. P.	VIBRATIONAL SPECTROSCOPY	MAY 2017	2017	90		38	45		https://doi.org/10.1016/j.vibspec.2017.03.008	1		2726.5

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Structural insights, protein-ligand interactions and spectroscopic characterization of isoformononetin	Srivastava, Anubha; Singh, Harshita; Mishra, Rashmi; Dev, Kapil; Tandon, Poonam; Maurya, Rakesh	JOURNAL OF MOLECULAR STRUCTURE	APR 5 2017	2017	1133		479	491		https://doi.org/10.1016/j.molstruc.2016.12.043	1	2	2727.5
Synthesis, characterization and in vitro antimicrobial activity of some novel 4,5-dihydro-1H-pyrazoline derivatives	Tiwari, Anil Kumar; Fatma, Shaheen; Bishnoi, Abha; Srivastava, Amrita; Tripathi, Chandra Kant M.; Banerjee, Bikram	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	MAR 2017	2017	56	3	317	324			1		2726.5
Conformational isomers of dichloro bis (1,3-diaminopropane) copper(II): Synthesis, characterization and DFT modeling	Yadav, Seema; Moheman, A.; Kumar, Abhinav; Prasad, Rajendra; Siddiqi, K. S.	ARABIAN JOURNAL OF CHEMISTRY	FEB 2017	2017	10		S1435	S1444		https://doi.org/10.1016/j.arabjc.2013.04.020	1		2726.5
Sporophyte characterization and sporogenesis in Physcomitrium eurystomum Sendtn. (Bryophyta: Funariaceae)	Bansal, Pooja; Srivastava, Alka	CARYOLOGIA	2017	2017	70	2	120	127		https://doi.org/10.1080/00087114.2017.1293465	1		2726.5
Experimental Evaluation of Geomechanical Behaviour of Bentonite-Sand Mixture for Nuclear Waste Disposal	Sharma, L. K.; Singh, Rajesh; Ahmad, M.; Umrao, R. K.; Singh, T. N.	ISRM EUROPEAN ROCK MECHANICS SYMPOSIUM EUROCK 2017	2017	2017	191		386	393		https://doi.org/10.1016/j.proeng.2017.05.195	1	1	2727
Effect of UV light irradiation on the dielectric behaviour of liquid crystal/nano composite	Pandey, Kamal Kumar; Dixit, Alok Chandra; Khan, M. Saleem; Tripathi, Pankaj Kumar; Misra, Abhishek Kumar; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2017	2017	656	1	89	95		https://doi.org/10.1080/015421406.2017.1405657	1	1	2727
Ponderomotive potential and second harmonic backward Raman scattering in dense quantum plasmas	Rathore, Nisha Singh; Kumar, Punit	10TH ASIA PLASMA AND FUSION ASSOCIATION CONFERENCE (APFA)	2017	2017	823				UNSP 012027	https://doi.org/10.1088/1742-6596/823/1/012027	1	1	2727

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Sleep in birds: lying on the continuum of activity and rest	Yadav, Anupama; Kumar, Raj; Tiwari, Jyoti; Kumar, Vinod; Rani, Sangeeta	BIOLOGICAL RHYTHM RESEARCH	2017	2017	48	5	805	814		https://doi.org/10.1080/09291016.2017.1346850	1		2726.5
Molecular Structures, Vibrational Spectra, Electronic Properties, and Molecular Docking of Two Pyrazoline Derivatives Containing 1-Carboxamide and 1-Carbothioamide: A Comparative Study	Kumar, Abhishek; Dwivedi, Apoorva; Srivastava, Ambrish Kumar; Misra, Neeraj; Narayana, B.; Samshuddin, S.; Sarojini, B. K.	POLYCYCLIC AROMATIC COMPOUNDS	2017	2017	37	4	267	279		https://doi.org/10.1080/10406638.2015.1099553	1	1	2727
Moisture sensing studies of CuO-ZnO nanocomposites	Rajput, Vijay Bharti; Pandey, Narendra Kumar	INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY	JAN-FEB 2017	2017	14	1	77	83		https://doi.org/10.1111/ijac.12620	1		2726.5
Evaluation of Structural Isomers, Molecular Interactions, Reactivity Descriptors, and Vibrational Analysis of Tretinoin	Karthick, T.; Tandon, Poonam; Singh, Swapnil	ANALYTICAL SCIENCES	JAN 2017	2017	33	1	83	87		https://doi.org/10.2116/analsci.33.83	1	1	2727
A dynamical approach to the legal and illegal logging of forestry population and conservation using taxation	Chaudhary, Manisha; Pathak, Rachana	ADVANCES IN DIFFERENCE EQUATIONS	DEC 19 2017	2017					385	https://doi.org/10.1186/s13662-017-1439-0	0	2	610.5
CORALLINE ALGAE FROM THE HUT BAY FORMATION (MIDDLE MIOCENE), LITTLE ANDAMAN, INDIA	Kishore, S.; Jauhri, A. K.; Singh, S. K.; Malakar, B.; Misra, P. K.	JOURNAL OF THE PALAEOONTOLOGICAL SOCIETY OF INDIA	DEC 2017	2017	62	2	205	216			0		609.5
Simulation study of terahertz radiation generation by circularly polarized laser pulses propagating in axially magnetized plasma	Saroch, Akanksha; Jha, Pallavi	PHYSICS OF PLASMAS	DEC 2017	2017	24	12			124506	https://doi.org/10.1063/1.5006642	0		609.5
Polynomial wavelets on the unit circle	Verma, Ajeet Singh; Mathur, Pankaj	NUMERICAL ALGORITHMS	DEC 2017	2017	76	4	977	992		https://doi.org/10.1007/s11075-017-0293-1	0		609.5

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Study of molecular structure, chemical reactivity and first hyperpolarizability of a newly synthesized N-(4-oxo-2-phenylquinazolin-3(4H)-yl)-1H-indole-2-carboxamide using spectral analysis	Chaudhary, Aniruddh Prasad; Bharti, Shailendra Kumar; Kumar, Santosh; Ved, Kumar; Padam, Kant	JOURNAL OF MOLECULAR STRUCTURE	NOV 15 2017	2017	1148		356	363		https://doi.org/10.1016/j.molstruc.2017.05.095	0		609.5
Neutrino cross-section in ultrahigh energy regime using double asymptotic limit of QCD	Bora, Kalpana; Sarma, Neelakshi; Singh, Jaydip	PRAMANA-JOURNAL OF PHYSICS	OCT 2017	2017	89	4			60	https://doi.org/10.1007/s12043-017-1454-4	0		609.5
Experimental and quantum chemical studies on the structure and vibrational spectra of cearoin (a neoflavonoid)	Shweta; Khan, Eram; Tandon, Poonam; Bharti, Purnima; Kumar, Padam; Maurya, Rakesh	CANADIAN JOURNAL OF PHYSICS	OCT 2017	2017	95	10	905	915		https://doi.org/10.1139/cjp-2016-0847	0		609.5
Selection and inheritance of developmental variants of Propylea dissecta under thermal stress conditions	Siddiqui, Arshi; Omkar; Mishra, Geetanjali	JOURNAL OF THERMAL BIOLOGY	OCT 2017	2017	69		275	280		https://doi.org/10.1016/j.jtherbio.2017.08.012	0		609.5
Cross reactive molecules of human lymphatic filaria Brugia malayi inhibit Leishmania donovani infection in hamsters (vol 152, pg 103, 2015)	Verma, Richa; Joseph, Sujith K.; Kushwaha, Vikas; Kumar, Vikash; Siddiqi, M. I.; Vishwakarma, Preeti; Shivahare, Rahul; Gupta, Suman; Murthy, P. K.	ACTA TROPICA	AUG 2017	2017	172		263	263		https://doi.org/10.1016/j.actatropica.2017.04.016	0		609.5
Spectroscopic and chemical reactivity analysis of D-Myo-Inositol using quantum chemical approach and its experimental verification	Mishra, Devendra P.; Srivastava, Anchal; Shukla, R. K.	PRAMANA-JOURNAL OF PHYSICS	JUL 2017	2017	89	1			12	https://doi.org/10.1007/s12043-017-1404-1	0		609.5
Desiccation-related responses of antioxidative enzymes and photosynthetic pigments in Brachythecium procumbens (Mitt.) A. Jaeger	Bansal, Pooja; Srivastava, Alka	ACTA PHYSIOLOGIAE PLANTARUM	JUL 2017	2017	39	7			154	https://doi.org/10.1007/s11738-017-2454-1	0		609.5
Prof. Pradeep Kumar Misra (06.07.1956-08.04.2017) OBITUARY	Kishore, Shyam	JOURNAL OF THE PALAEOONTOLOGICAL SOCIETY OF INDIA	JUN 2017	2017	62	1	133	133			0		609.5

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Sweet Way to Produce Fullerenes	Singh, K.; Deep, A.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	JUN 2017	2017	76	6	347	350			0		609.5
Piperidin-1-ylamidomethyltellurium derivatives: Synthesis and solid state structures	Khan, Mariya; Misra, Shafalika; Srivastava, Ramesh C.; Chauhan, Ashok K. S.; Duthie, Andrew; Butcher, Ray J.	INORGANICA CHIMICA ACTA	JUN 1 2017	2017	462		209	214		https://doi.org/10.1016/j.ica.2017.03.032	0		609.5
SYMMETRIES IN MIRROR ENERGY DIFFERENCES	Kumar, Sushil; Kumar, Vinod; Negi, Dinesh	ACTA PHYSICA POLONICA B	MAY 2017	2017	48	5	819	826		https://doi.org/10.5506/APhysPolB.48.819	0		609.5
Preparation, crystallization, microstructure and mechanical behavior of silica based biocompatible glass ceramics for dental applications	Gautam, Chandkiram	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	APR 2 2017	2017	253						0		609.5
Synthesis of Partially Reduced Imidazo[1,2-a]pyridines through an Unprecedented Base-Mediated (4+2) Cyclization	Panwar, Rahul; Singh, Surjeet; Yadav, Pratik; Shally; Shaw, Ranjay; Kumar, Abhinav; Pratap, Ramendra	SYNLETT	APR 2017	2017	28	7	819	824		https://doi.org/10.1055/s-0036-1588943	0		609.5
Electrophilic addition/substitution of an alkynyl methyl ketone with tellurium tetrahalides: A novel synthetic approach to telluracyclopentenones	Misra, Shafalika; Chauhan, Ashok K. S.; Srivastava, Ramesh C.; Butcher, Ray J.; Duthie, Andrew	JOURNAL OF ORGANOMETALLIC CHEMISTRY	MAR 15 2017	2017	832		36	41		https://doi.org/10.1016/j.jorganc hem.2017.01.012	0		609.5
Nature and composition of interbedded marine basaltic pumice in the similar to 52-50 Ma Vastan lignite sequence, western India: Implication for Early Eocene MORB volcanism offshore Arabian Sea	Sensarma, Sarajit; Singh, Hukam; Rana, R. S.; Paul, Debajyoti; Sahni, Ashok	JOURNAL OF EARTH SYSTEM SCIENCE	MAR 2017	2017	126	2			UNSP 17	https://doi.org/10.1007/s12040-017-0806-2	0		609.5
Nonequilibrium Effective Conductivity of a Seeded Noble Gas Flowing in a Magnetic Field	Sodha, Mahendra Singh; Srivastava, Sweta	IEEE TRANSACTIONS ON PLASMA SCIENCE	MAR 2017	2017	45	3	441	445		https://doi.org/10.1109/TPS.2017.2653195	0		609.5

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Enhancement of thermionic emission by light	Sodha, Mahendra Singh; Srivastava, Sweta; Mishra, Rashmi	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	FEB 2017	2017	77	2			20101	https://doi.org/10.1051/epjap/2017160206	0		609.5
Molybdenum Stress Modulates Enzymes Responsive to Oxidative Stress and Affects Seeds Viability and Vigor in Chickpea	Gopal, Rajeev; Shukla, Arvind K.	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS	2017	2017	48	1	43	50		https://doi.org/10.1080/00103624.2016.1253718	0		609.5
Nuclear Transition Matrix Elements for Neutrinoless Double-beta Decay of Ge-76 and Se-82 Isotopes	Rath, P. K.	WORKSHOP ON CALCULATION OF DOUBLE-BETA-DECAY MATRIX ELEMENTS (MEDEX'17)	2017	2017	1894				UNSP 020019	https://doi.org/10.1063/1.5007644	0		609.5
Spectral (FT-IR, NMR) Analyses, Molecular Structures, and Chemical Bonding of Two Hexahydroacridine-1,8(2H,5H)-dione Derivatives: A Comparative Quantum Chemical Study	Shukla, Dharmesh Vikram; Kumar, Abhishek; Srivastava, Ambrish Kumar; Misra, Neeraj; Brahmachari, Goutam	POLYCYCLIC AROMATIC COMPOUNDS	2017	2017	37	5	426	441		https://doi.org/10.1080/10406638.2015.1129977	0		609.5
Effect of Co-substitution on the Electrocatalytic Properties of Ni _{1.5} Fe _{1.5} O ₄ for Oxygen Evolution in Alkaline Solutions	Singh, N. K.; Yadav, Ritu; Yadav, M. K.; Fernandez, Carlos	JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS	2017	2017	20	3	115	121			0		609.5
Conquering the night: understanding nocturnal migration in birds	Komal, Ruchi; Khushboo; Dwivedi, Anshu; Vaish, Vaibhav; Rani, Sangeeta	BIOLOGICAL RHYTHM RESEARCH	2017	2017	48	5	747	755		https://doi.org/10.1080/09291016.2017.1345452	0		609.5
Dielectric Behaviour of Pure and Dye Doped Nematic Liquid Crystal E-24	Singh, Satyendra Pratap; Chandel, Vishal Singh; Manohar, Rajiv	RECENT TRENDS IN MATERIALS AND DEVICES, ICRTMD 2015	2017	2017	178		527	533		https://doi.org/10.1007/978-3-319-29096-6_68	0		609.5

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Second Harmonic Generation by Whistler Pulse in Magnetized Quantum Plasma	Kumar, Punit; Rathore, Nisha Singh; Singh, Shiv	INTERNATIONAL CONFERENCE ON PLASMA SCIENCE AND APPLICATIONS (ICPSA2016)	2017	2017	1824				UNSP 030017	https://doi.org/10.1063/1.4978835	0		609.5
Density functional study on the evolution of superhalogen properties in VOn (n=1-5) species	Shukla, Dharmesh Vikram; Srivastava, Ambrish Kumar; Misra, Neeraj	MAIN GROUP CHEMISTRY	2017	2017	16	2	139	148		https://doi.org/10.3233/MGC-170232	0		609.5
A New Form of the Quintuple Product Identity and its Application	Srivastava, Bhaskar	FILOMAT	2017	2017	31	7	1869	1873		https://doi.org/10.2298/FIL1707869S	0		609.5
Reproductive development and grain quality in maize in response to application of Zn alone or with B in soil low in available Zn and B	Yadav, Shikha; Singh, Digvijay	JOURNAL OF PLANT NUTRITION	2017	2017	40	6	813	818		https://doi.org/10.1080/01904167.2016.1236946	0		609.5
Patterns and diversity in locomotor activity in spotted munia (Lonchura punctulata)	Agarwal, Neha; Singh, Sudhi; Malik, Shalie; Yadav, Garima; Rani, Sangeeta	BIOLOGICAL RHYTHM RESEARCH	2017	2017	48	1	13	21		https://doi.org/10.1080/09291016.2016.1223790	0		609.5
Isolation and identification of two novel compounds from Marsdenia roylei and their quantum chemical calculations	Gupta, Mukul R.; Kumar, Alok; Khare, Naveen K.	NATURAL PRODUCT RESEARCH	2017	2017	31	7	749	757		https://doi.org/10.1080/14786419.2016.1241999	0		609.5
Partnership Governance in Rural Domestic Drinking Water Supply and Conservation in India	Kaushal, Nandita	PROCEEDINGS OF 2017 INTERNATIONAL CONFERENCE ON PUBLIC ADMINISTRATION (12TH) & INTERNATIONAL SYMPOSIUM ON WEST AFRICAN STUDIES (1ST), VOL I	2017	2017			151	164			0		609.5