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<b>2015</b>													
Results found	224												
Sum of the Times Cited	2577												
Average Citations per Item	11.5												
h-index	21												
<b>Title</b>	<b>Authors</b>	<b>Source Title</b>	<b>Publication Date</b>	<b>Publication Year</b>	<b>Volume</b>	<b>Issue</b>	<b>Beginning Page</b>	<b>Ending Page</b>	<b>Article Number</b>	<b>DOI</b>	<b>Citations WoS</b>	<b>Citations Scopus</b>	<b>CITATION INDEX</b>
Arsenic contamination, consequences and remediation techniques: A review	Singh, Rachana; Singh, Samiksha; Parihar, Parul; Singh, Vijay Pratap; Prasad, Sheo Mohan	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	FEB 2015	2015	112		247	270		<a href="https://doi.org/10.1016/j.ecoenv.2014.10.009">https://doi.org/10.1016/j.ecoenv.2014.10.009</a>	391	421	<b>828567</b>
Effect of salinity stress on plants and its tolerance strategies: a review	Parihar, Parul; Singh, Samiksha; Singh, Rachana; Singh, Vijay Pratap; Prasad, Sheo Mohan	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	MAR 2015	2015	22	6	4056	4075		<a href="https://doi.org/10.1007/s11356-014-3739-1">https://doi.org/10.1007/s11356-014-3739-1</a>	223	263	<b>472832</b>
Synthesis, characterization and performance of zinc ferrite nanorods for room temperature sensing applications	Singh, Archana; Singh, Ajendra; Singh, Satyendra; Tandon, Poonam; Yadav, B. C.; Yadav, R. R.	JOURNAL OF ALLOYS AND COMPOUNDS	JAN 5 2015	2015	618		475	483		<a href="https://doi.org/10.1016/j.jallcom.2014.08.190">https://doi.org/10.1016/j.jallcom.2014.08.190</a>	52	54	<b>110720.5</b>
Targeting microRNAs in epithelial-to-mesenchymal transition-induced cancer stem cells: therapeutic approaches in cancer	Garg, Minal	EXPERT OPINION ON THERAPEUTIC TARGETS	FEB 2015	2015	19	2	285	297		<a href="https://doi.org/10.1517/14728222.2014.975794">https://doi.org/10.1517/14728222.2014.975794</a>	45	44	<b>95896.5</b>
Synthesis of Low-Density, Carbon-Doped, Porous Hexagonal Boron Nitride Solids	Gautam, Chandkiram; Tiwary, Chandra Sekhar; Lose, Sujin; Brunetto, Gustavo; Ozden, Sehmus; Vinod, Soumya; Raghavan, Prasanth; Biradar, Santoshkumar; Galvao, Douglas Soares; Ajayan, Pulickel M.	ACS NANO	DEC 2015	2015	9	12	12088	12095		<a href="https://doi.org/10.1021/acs.nano.5b05847">https://doi.org/10.1021/acs.nano.5b05847</a>	39	40	<b>83192.5</b>
Effect of TiO2 nanoparticles dispersion on ionic behaviour in nematic liquid crystal	Yadav, Satya Prakash; Manohar, Rajiv; Singh, Shri	LIQUID CRYSTALS	AUG 3 2015	2015	42	8	1095	1101		<a href="https://doi.org/10.1080/02678292.2015.1025872">https://doi.org/10.1080/02678292.2015.1025872</a>	37		<b>78938.5</b>

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Combined experimental (FT-IR, UV-visible spectra, NMR) and theoretical studies on the molecular structure, vibrational spectra, HOMO, LUMO, MESP surfaces, reactivity descriptor and molecular docking of Phomarin	Kumar, Abhishek; Srivastava, Ambrish Kumar; Gangwar, Shashi; Misra, Neeraj; Mondal, Avijit; Brahmachari, Goutam	JOURNAL OF MOLECULAR STRUCTURE	SEP 15 2015	2015	1096		94	101		<a href="https://doi.org/10.1016/j.molstruc.2015.04.031">https://doi.org/10.1016/j.molstruc.2015.04.031</a>	32	26	<b>68366.5</b>
FT-IR spectroscopy, intra-molecular C-H center dot center dot center dot O interactions, HOMO, LUMO, MESP analysis and biological activity of two natural products, triclisine and rufescine: DFT and QTAIM approaches	Srivastava, Ambrish Kumar; Pandey, Anoop Kumar; Jain, Sudha; Misra, Neeraj	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 5 2015	2015	136		682	689		<a href="https://doi.org/10.1016/j.saa.2014.09.082">https://doi.org/10.1016/j.saa.2014.09.082</a>	32		<b>68353.5</b>
Experimental (FT-IR, FT-Raman, UV and NMR) and quantum chemical studies on molecular structure, spectroscopic analysis, NLO, NBO and reactivity descriptors of 3,5-Difluoroaniline	Pathak, S. K.; Srivastava, R.; Sachan, A. K.; Prasad, O.; Sinha, L.; Asiri, A. M.; Karabacak, M.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JAN 25 2015	2015	135		283	295		<a href="https://doi.org/10.1016/j.saa.2014.06.149">https://doi.org/10.1016/j.saa.2014.06.149</a>	30	32	<b>64135.5</b>
Dynamics of interacting quintessence	Shahalam, M.; Pathak, S. D.; Verma, M. M.; Khlopov, M. Yu.; Myrzakulov, R.	EUROPEAN PHYSICAL JOURNAL C	AUG 27 2015	2015	75	8			395	<a href="https://doi.org/10.1140/epjc/s10052-015-3608-1">https://doi.org/10.1140/epjc/s10052-015-3608-1</a>	28	30	<b>59900.5</b>
Association of Superoxide dismutases (SOD1 and SOD2) and Glutathione peroxidase 1 (GPx1) gene polymorphisms with Type 2 diabetes mellitus	Vats, P.; Sagar, N.; Singh, T. P.; Banerjee, M.	FREE RADICAL RESEARCH	JAN 2015	2015	49	1	17	24		<a href="https://doi.org/10.3109/10715762.2014.971782">https://doi.org/10.3109/10715762.2014.971782</a>	28	33	<b>59902</b>
Superalkali-hydroxides as strong bases and superbases	Srivastava, Ambrish Kumar; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	2015	2015	39	9	6787	6790		<a href="https://doi.org/10.1039/c5nj01259g">https://doi.org/10.1039/c5nj01259g</a>	27	27	<b>57782</b>
Urothelial cancer stem cells and epithelial plasticity: current concepts and therapeutic implications in bladder cancer	Garg, Minal	CANCER AND METASTASIS REVIEWS	DEC 2015	2015	34	4	691	701		<a href="https://doi.org/10.1007/s10555-015-9589-6">https://doi.org/10.1007/s10555-015-9589-6</a>	26	25	<b>55664</b>
Molecular structure, spectral analysis and hydrogen bonding analysis of ampicillin trihydrate: a combined DFT and AIM approach	Khan, Eram; Shukla, Anuradha; Srivastava, Anubha; Shweta; Tandon, Poonam	NEW JOURNAL OF CHEMISTRY	2015	2015	39	12	9800	9812		<a href="https://doi.org/10.1039/c5nj01779c">https://doi.org/10.1039/c5nj01779c</a>	26	25	<b>55664</b>

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Circadian timing in central and peripheral tissues in a migratory songbird: dependence on annual life-history states	Singh, Devraj; Trivedi, Amit Kumar; Rani, Sangeeta; Panda, Satchidananda; Kumar, Vinod	FASEB JOURNAL	OCT 2015	2015	29	10	4248	4255		<a href="https://doi.org/10.1096/fj.15-275339">https://doi.org/10.1096/fj.15-275339</a>	25	28	<b>53548.5</b>
Emerging role of microRNAs in cancer stem cells: Implications in cancer therapy	Garg, Minal	WORLD JOURNAL OF STEM CELLS	SEP 26 2015	2015	7	8	1078	1089		<a href="https://doi.org/10.4252/wjsc.v7.i8.1078">https://doi.org/10.4252/wjsc.v7.i8.1078</a>	25		<b>53534.5</b>
Hydrogenated superhalogens behave as superacids	Srivastava, Ambrish Kumar; Misra, Neeraj	POLYHEDRON	DEC 14 2015	2015	102		711	714		<a href="https://doi.org/10.1016/j.poly.2015.09.072">https://doi.org/10.1016/j.poly.2015.09.072</a>	24	26	<b>51430.5</b>
Selective cancer-killing ability of metal-based nanoparticles: implications for cancer therapy	Akhtar, Mohd Javed; Alhadlaq, Hisham A.; Kumar, Sudhir; Alrokayan, Salman A.; Ahamed, Maqsood	ARCHIVES OF TOXICOLOGY	NOV 2015	2015	89	11	1895	1907		<a href="https://doi.org/10.1007/s00204-015-1570-1">https://doi.org/10.1007/s00204-015-1570-1</a>	24	23	<b>51429</b>
New Ni(II) 1,2-bis(diphenylphosphino)ethane dithiolates: crystallographic, computational and Hirshfeld surface analyses	Yadav, Reena; Trivedi, Manoj; Kociok-Koehn, Gabriele; Prasad, Rajendra; Kumar, Abhinav	CRYSTENGCOMM	2015	2015	17	47	9175	9184		<a href="https://doi.org/10.1039/c5ce01526j">https://doi.org/10.1039/c5ce01526j</a>	24	25	<b>51430</b>
Ostracods, plant tissues, and other inclusions in coprolites from the Late Cretaceous Lameta Formation at Pisdura, India: Taphonomical and palaeoecological implications	Khosla, Ashu; Chin, Karen; Alimohammadin, Habib; Dutta, Debi	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	JAN 15 2015	2015	418		90	100		<a href="https://doi.org/10.1016/j.palaeo.2014.11.003">https://doi.org/10.1016/j.palaeo.2014.11.003</a>	23	21	<b>49311</b>
Multi-modal luminescence properties of RE <sup>3+</sup> (Tm <sup>3+</sup> , Yb <sup>3+</sup> ) and Bi <sup>3+</sup> activated GdNbO <sub>4</sub> phosphors-upconversion, downshifting and quantum cutting for spectral conversion	Dwivedi, A.; Mishra, Kavita; Rai, S. B.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	NOV 4 2015	2015	48	43			435103	<a href="https://doi.org/10.1088/0022-3727/48/43/435103">https://doi.org/10.1088/0022-3727/48/43/435103</a>	22		<b>47183.5</b>
Duration of melatonin regulates seasonal plasticity in subtropical Indian weaver bird, <i>Ploceus philippinus</i>	Surbhi; Kumari, Yatinesh; Rani, Sangeeta; Tsutsui, Kazuyoshi; Kumar, Vinod	GENERAL AND COMPARATIVE ENDOCRINOLOGY	SEP 1 2015	2015	220		46	54		<a href="https://doi.org/10.1016/j.ygcen.2014.06.004">https://doi.org/10.1016/j.ygcen.2014.06.004</a>	21	23	<b>45078</b>

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Novel synthetic ester of Brassicasterol, DFT investigation including NBO, NLO response, reactivity descriptor and its intramolecular interactions analyzed by AIM theory	Sethi, Arun; Prakash, Rohit	JOURNAL OF MOLECULAR STRUCTURE	MAR 5 2015	2015	1083		72	81		<a href="https://doi.org/10.1016/j.molstruc.2014.11.028">https://doi.org/10.1016/j.molstruc.2014.11.028</a>	21	22	<b>45077.5</b>
Hypothalamic gene switches control transitions between seasonal life history states in a night-migratory photoperiodic songbird	Majumdar, Gaurav; Rani, Sangeeta; Kumar, Vinod	MOLECULAR AND CELLULAR ENDOCRINOLOGY	JAN 5 2015	2015	399	C	110	121		<a href="https://doi.org/10.1016/j.mce.2014.09.020">https://doi.org/10.1016/j.mce.2014.09.020</a>	21	21	<b>45077</b>
Lightning and middle atmospheric discharges in the atmosphere	Siingh, Devendraa; Singh, R. P.; Kumar, Sarvan; Dharmaraj, T.; Singh, Abhay K.; Singh, Ashok K.; Patil, M. N.; Singh, Shubha	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	NOV 2015	2015	134		78	101		<a href="https://doi.org/10.1016/j.jastp.2015.10.001">https://doi.org/10.1016/j.jastp.2015.10.001</a>	20	22	<b>42960.5</b>
Multiproxy record of monsoon variability from the Ganga Plain during 400-1200 AD	Sen Singh, Dhruv; Gupta, Anil K.; Sangode, S. J.; Clemens, Steven C.; Prakasam, M.; Srivastava, Priyeshu; Prajapati, Shailendra K.	QUATERNARY INTERNATIONAL	JUN 12 2015	2015	371		157	163		<a href="https://doi.org/10.1016/j.quaint.2015.02.040">https://doi.org/10.1016/j.quaint.2015.02.040</a>	20		<b>42949.5</b>
Fabrication of Cu/Pd bimetallic nanostructures with high gas sorption ability towards development of LPG sensor	Jaiswal, Aashit Kumar; Singh, Satyendra; Singh, Archana; Yadav, R. R.; Tandon, Poonam; Yadav, B. C.	MATERIALS CHEMISTRY AND PHYSICS	MAR 15 2015	2015	154		16	21		<a href="https://doi.org/10.1016/j.matchemphys.2015.01.031">https://doi.org/10.1016/j.matchemphys.2015.01.031</a>	20	19	<b>42959</b>
Molecular structure, spectral investigation (H-1 NMR, C-13 NMR, UV-Visible, FT-IR, FT-Raman), NBO, intramolecular hydrogen bonding, chemical reactivity and first hyperpolarizability analysis of formononetin [7-hydroxy-3(4-methoxyphenyl)chromone]: A quantum chemical study	Srivastava, Anubha; Mishra, Rashmi; Kumar, Sudhir; Dev, Kapil; Tandon, Poonam; Maurya, Rakesh	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2015	2015	1084		55	73		<a href="https://doi.org/10.1016/j.molstruc.2014.11.070">https://doi.org/10.1016/j.molstruc.2014.11.070</a>	20		<b>42949.5</b>
Ab initio prediction of novel alkalides FLi2-M-Li2F (M = Li, Na and K)	Srivastava, Ambrish Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	OCT 16 2015	2015	639		307	309		<a href="https://doi.org/10.1016/j.cplett.2015.09.046">https://doi.org/10.1016/j.cplett.2015.09.046</a>	19		<b>40832.5</b>

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Molecular docking and dynamics simulation analyses unraveling the differential enzymatic catalysis by plant and fungal laccases with respect to lignin biosynthesis and degradation	Awasthi, Manika; Jaiswal, Nivedita; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	SEP 2 2015	2015	33	9	1835	1849		<a href="https://doi.org/10.1080/07391102.2014.975282">https://doi.org/10.1080/07391102.2014.975282</a>	19	20	<b>40842.5</b>
Seasonal Plasticity in the Peptide Neuronal Systems: Potential Roles of Gonadotrophin-Releasing Hormone, Gonadotrophin-Inhibiting Hormone, Neuropeptide Y and Vasoactive Intestinal Peptide in the Regulation of the Reproductive Axis in Subtropical Indian Weaver Birds	Surbhi; Rastogi, A.; Rani, S.; Kumar, V.	JOURNAL OF NEUROENDOCRINOLOGY	MAY 2015	2015	27	5	357	369		<a href="https://doi.org/10.1111/jne.12274">https://doi.org/10.1111/jne.12274</a>	18	22	<b>38726.5</b>
Molecular docking and 3D-QSAR-based virtual screening of flavonoids as potential aromatase inhibitors against estrogen-dependent breast cancer	Awasthi, Manika; Singh, Swati; Pandey, Veda P.; Dwivedi, Upendra N.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	APR 3 2015	2015	33	4	804	819		<a href="https://doi.org/10.1080/07391102.2014.912152">https://doi.org/10.1080/07391102.2014.912152</a>	18		<b>38715.5</b>
Global nucleosome positioning regulates salicylic acid mediated transcription in Arabidopsis thaliana	Singh, Mala; Bag, Sumit Kumar; Bhardwaj, Archana; Ranjan, Amol; Mantri, Shrikant; Nigam, Deepti; Sharma, Yogesh Kumar; Sawant, Samir Vishwanath	BMC PLANT BIOLOGY	JAN 21 2015	2015	15				13	<a href="https://doi.org/10.1186/s12870-014-0404-2">https://doi.org/10.1186/s12870-014-0404-2</a>	18		<b>38715.5</b>
Ab initio investigations on the gas phase basicity and nonlinear optical properties of FLiOH species (n=2-5)	Srivastava, Ambrish Kumar; Misra, Neeraj	RSC ADVANCES	2015	2015	5	91	74206	74211		<a href="https://doi.org/10.1039/c5ra14735b">https://doi.org/10.1039/c5ra14735b</a>	18		<b>38715.5</b>
Effect of Mn doping on structural, optical and magnetic properties of SnO2 nanoparticles	Agrahari, Vivek; Tripathi, Anand Kumar; Mathpal, Mohan Chandra; Pandey, Avinash C.; Mishra, Sheo Kumar; Shukla, R. K.; Agarwal, Arvind	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	DEC 2015	2015	26	12	9571	9582		<a href="https://doi.org/10.1007/s10854-015-3620-0">https://doi.org/10.1007/s10854-015-3620-0</a>	17		<b>36598.5</b>
Enhancement of birefringence of liquid crystals with dispersion of poly (n-butyl methacrylate) (PBMA)	Pande, Mukti; Tripathi, Pankaj Kumar; Gupta, Swadesh Kumar; Manohar, Rajiv; Singh, Shri	LIQUID CRYSTALS	OCT 3 2015	2015	42	10	1465	1471		<a href="https://doi.org/10.1080/02678292.2015.1061143">https://doi.org/10.1080/02678292.2015.1061143</a>	17	19	<b>36608</b>

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Superhalogen properties of ReFn (n >= 6) species	Srivastava, Ambrish Kumar; Pandey, Sarvesh Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	MAR 16 2015	2015	624		15	18		<a href="https://doi.org/10.1016/j.cplett.2015.01.056">https://doi.org/10.1016/j.cplett.2015.01.056</a>	17		<b>36598.5</b>
Effects of Sb, Zn doping on structural, electrical and optical properties of SnO2 thin films	Singh, Rita; Kumar, Manish; Shankar, S.; Singh, Rajeev; Ghosh, Anup K.; Thakur, O. P.; Das, B.	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	MAR 2015	2015	31		310	314		<a href="https://doi.org/10.1016/j.mssp.2014.12.010">https://doi.org/10.1016/j.mssp.2014.12.010</a>	17		<b>36598.5</b>
CRANIODENTAL AND POSTCRANIAL MORPHOLOGY OF INDOHYAENODON RAOI FROM THE EARLY EOCENE OF INDIA, AND ITS IMPLICATIONS FOR ECOLOGY, PHYLOGENY, AND BIOGEOGRAPHY OF HYAENODONTID MAMMALS	Rana, Rajendra S.; Kumar, Kishor; Zack, Shawn P.; Sole, Floreal; Rose, Kenneth D.; Missiaen, Pieter; Singh, Lachham; Sahni, Ashok; Smith, Thierry	JOURNAL OF VERTEBRATE PALEONTOLOGY	2015	2015	35	5			e965308	<a href="https://doi.org/10.1080/00272463.4.2015.965308">https://doi.org/10.1080/00272463.4.2015.965308</a>	17	18	<b>36607.5</b>
Purification of a thermostable alkaline laccase from papaya (Carica papaya) using affinity chromatography	Jaiswal, Nivedita; Pandey, Veda P.; Dwivedi, Upendra N.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	JAN 2015	2015	72		326	332		<a href="https://doi.org/10.1016/j.ijbiomac.2014.08.032">https://doi.org/10.1016/j.ijbiomac.2014.08.032</a>	17		<b>36598.5</b>
Crystallization and dielectric properties of Fe2O3 doped barium strontium titanate borosilicate glass	Yadav, Avadhesh Kumar; Gautam, C. R.; Singh, Prabhakar	RSC ADVANCES	2015	2015	5	4	2819	2826		<a href="https://doi.org/10.1039/c4ra11301b">https://doi.org/10.1039/c4ra11301b</a>	17		<b>36598.5</b>
Enhancement of photoluminescence emission and anomalous photoconductivity properties of Fe3O4@SiO2 core-shell microspheres	Jana, S. K.; Majumder, S.; Satpati, B.; Mishra, S. K.; Srivastava, R. K.; Banerjee, S.	RSC ADVANCES	2015	2015	5	47	37729	37736		<a href="https://doi.org/10.1039/c5ra03686k">https://doi.org/10.1039/c5ra03686k</a>	17		<b>36598.5</b>
Enhanced negative dielectric anisotropy and high electrical conductivity of the SWCNT doped nematic liquid crystalline material	Vimal, Tripti; Pandey, Shivani; Gupta, Swadesh Kumar; Singh, Dharmendra Pratap; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	APR 2015	2015	204		21	26		<a href="https://doi.org/10.1016/j.molliq.2014.11.014">https://doi.org/10.1016/j.molliq.2014.11.014</a>	16	17	<b>34490</b>
Enhanced negative dielectric anisotropy and high electrical conductivity of the SWCNT doped nematic liquid crystalline material	Chauhan, Ratna; Kociok-Koehn, Gabriele; Trivedi, Manoj; Singh, Suryabhan; Kumar, Abhinav; Amalanerkar, Dinesh P.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	MAR 2015	2015	19	3	739	747		<a href="https://doi.org/10.1007/s10008-014-2660-3">https://doi.org/10.1007/s10008-014-2660-3</a>	16	17	<b>34490</b>

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1,1'-Bis(di-tert-butylphosphino)ferrocene copper(I) complex catalyzed C-H activation and carboxylation of terminal alkynes	Trivedi, Manoj; Singh, Gurmeet; Kumar, Abhinav; Rath, Nigam P.	DALTON TRANSACTIONS	2015	2015	44	48	20874	20882		<a href="https://doi.org/10.1039/c5dt03794h">https://doi.org/10.1039/c5dt03794h</a>	16		34481.5
Silver(I) complexes as efficient source for silver oxide nanoparticles with catalytic activity in A(3) coupling reactions	Trivedi, Manoj; Singh, Gurmeet; Kumar, Abhinav; Rath, Nigam P.	INORGANICA CHIMICA ACTA	NOV 1 2015	2015	438		255	263		<a href="https://doi.org/10.1016/j.ica.2015.09.025">https://doi.org/10.1016/j.ica.2015.09.025</a>	15		32364.5
Synthesis, molecular structure, spectral analysis, natural bond order and intramolecular interactions of 2-acetylpyridine thiosemicarbazone: A combined DFT and AIM approach	Singh, Ravindra Kumar; Singh, Ashok Kumar	JOURNAL OF MOLECULAR STRUCTURE	AUG 15 2015	2015	1094		61	72		<a href="https://doi.org/10.1016/j.molstruc.2015.03.064">https://doi.org/10.1016/j.molstruc.2015.03.064</a>	15		32364.5
Dye-Sensitized Solar Cells with Biferrocenyl Antennae Having Quinoxaline Spacers	Chauhan, Ratna; Shahid, Mohammad; Trivedi, Manoj; Amalnerkar, Dinesh P.; Kumar, Abhinav	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	AUG 2015	2015		22	3700	3707		<a href="https://doi.org/10.1002/ejic.201500488">https://doi.org/10.1002/ejic.201500488</a>	15		32364.5
Expression of Rabies Glycoprotein and Ricin Toxin B Chain (RGP-RTB) Fusion Protein in Tomato Hairy Roots: A Step Towards Oral Vaccination for Rabies	Singh, Ankit; Srivastava, Subhi; Chouksey, Ankita; Panwar, Bhupendra Singh; Verma, Praveen C.; Roy, Sribash; Singh, Pradhyumna K.; Saxena, Gauri; Tuli, Rakesh	MOLECULAR BIOTECHNOLOGY	APR 2015	2015	57	4	359	370		<a href="https://doi.org/10.1007/s12033-014-9829-y">https://doi.org/10.1007/s12033-014-9829-y</a>	15		32364.5
Influence of CdSe quantum dot on molecular/ionic relaxation phenomenon and change in physical parameters of ferroelectric liquid crystal	Singh, D. P.; Gupta, S. K.; Pandey, S.; Vimal, T.; Tripathi, P.; Varia, M. C.; Kumar, S.; Manohar, S.; Manohar, R.	LIQUID CRYSTALS	AUG 3 2015	2015	42	8	1159	1168		<a href="https://doi.org/10.1080/02678292.2015.1031199">https://doi.org/10.1080/02678292.2015.1031199</a>	14		30247.5
Flexible Silk Fibroin Films for Wound Dressing	Srivastava, Chandra Mohan; Purwar, Roli; Kannaujia, Rekha; Sharma, Deepak	FIBERS AND POLYMERS	MAY 30 2015	2015	16	5	1020	1030		<a href="https://doi.org/10.1007/s12221-015-1020-y">https://doi.org/10.1007/s12221-015-1020-y</a>	14		30247.5

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New single-source precursor for bismuth sulfide and its use as low-cost counter electrode material for dye-sensitized solar cells	Chauhan, Ratna; Chaturvedi, Jyotsna; Trivedi, Manoj; Singh, Jyoti; Molloy, Kieran C.; Kociok-Koehn, Gabriele; Amalnerkar, Dinesh P.; Kumar, Abhinav	INORGANICA CHIMICA ACTA	MAY 1 2015	2015	430		168	175		<a href="https://doi.org/10.1016/j.ica.2015.03.007">https://doi.org/10.1016/j.ica.2015.03.007</a>	14		30247.5
Assessment of conformational, spectral, antimicrobial activity, chemical reactivity and NLO application of Pyrrole-2,5-dicarboxaldehyde bis(oxaloyldihydrazone)	Rawat, Poonam; Singh, R. N.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	APR 5 2015	2015	140		344	355		<a href="https://doi.org/10.1016/j.saa.2014.12.080">https://doi.org/10.1016/j.saa.2014.12.080</a>	14	18	30256.5
Colostrum Hexasaccharide, a Novel Staphylococcus aureus Quorum-Sensing Inhibitor	Srivastava, A.; Singh, B. N.; Deepak, D.; Rawat, A. K. S.; Singh, B. R.	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	APR 2015	2015	59	4	2169	2178		<a href="https://doi.org/10.1128/AAC.03722-14">https://doi.org/10.1128/AAC.03722-14</a>	14		30247.5
Experimental and theoretical study of 4-formyl pyrrole derived aroylhydrazones	Rawat, Poonam; Singh, R. N.	JOURNAL OF MOLECULAR STRUCTURE	MAR 15 2015	2015	1084		326	339		<a href="https://doi.org/10.1016/j.molstruc.2014.12.045">https://doi.org/10.1016/j.molstruc.2014.12.045</a>	14	14	30254.5
Effects of Polymer Doping on Dielectric and Electro-Optical Parameters of Nematic Liquid Crystal	Pandey, Shivani; Gupta, Swadesh Kumar; Singh, Dharmendra Pratap; Vimal, Tripti; Tripathi, Pankaj Kumar; Srivastava, Atul; Manohar, Rajiv	POLYMER ENGINEERING AND SCIENCE	FEB 2015	2015	55	2	414	420		<a href="https://doi.org/10.1002/pen.23907">https://doi.org/10.1002/pen.23907</a>	14	12	30253.5
Vibrational spectra, electronic absorption, nonlinear optical properties, evaluation of bonding, chemical reactivity and thermodynamic properties of ethyl 4-(1-(2-(hydrazinecarbonothioyl)hydrazono)ethyl)-3,5-dimethyl-1H-pyrrole-2-carboxylate molecule by ab initio HF and density functional methods	Singh, R. N.; Rawat, Poonam; Sahu, Sangeeta	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JAN 25 2015	2015	135		1162	1168		<a href="https://doi.org/10.1016/j.saa.2014.07.073">https://doi.org/10.1016/j.saa.2014.07.073</a>	14	15	30255
Analysis of arsenic induced physiological and biochemical responses in a medicinal plant, Withania somnifera	Siddiqui, Fauzia; Tandon, P. K.; Srivastava, Sudhakar	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	JAN 2015	2015	21	1	61	69		<a href="https://doi.org/10.1007/s12298-014-0278-7">https://doi.org/10.1007/s12298-014-0278-7</a>	14	18	30256.5



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Potential of green synthesized zero-valent iron nanoparticles for remediation of lead-contaminated water	Kumar, R.; Singh, N.; Pandey, S. N.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	DEC 2015	2015	12	12	3943	3950		<a href="https://doi.org/10.1007/s13762-015-0751-z">https://doi.org/10.1007/s13762-015-0751-z</a>	13	16	<b>28138.5</b>
A novel process for size controlled biosynthesis of gold nanoparticles using bromelain	Khan, Salman; Rizvi, Syed Mohd Danish; Avaish, Mohd; Arshad, Mohd; Bagga, Pramdeep; Khan, Mohd Sajid	MATERIALS LETTERS	NOV 15 2015	2015	159		373	376		<a href="https://doi.org/10.1016/j.matlet.2015.06.118">https://doi.org/10.1016/j.matlet.2015.06.118</a>	13	15	<b>28138</b>
Natural variations in expression of regulatory and detoxification related genes under limiting phosphate and arsenate stress in Arabidopsis thaliana	Shukla, Tapsi; Kumar, Smita; Khare, Ria; Tripathi, Rudra D.; Trivedi, Prabodh K.	FRONTIERS IN PLANT SCIENCE	OCT 23 2015	2015	6				898	<a href="https://doi.org/10.3389/fpls.2015.00898">https://doi.org/10.3389/fpls.2015.00898</a>	13	13	<b>28137</b>
Synthesis, spectral analysis (FT-IR, H-1 NMR, C-13 NMR and UV-visible) and quantum chemical studies on molecular geometry, NBO, NLO, chemical reactivity and thermodynamic properties of novel 2-amino-4-(4-(dimethylamino)phenyl)-5-oxo-6-phenyl-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile	Fatma, Shaheen; Bishnoi, Abha; Verma, Anil Kumar	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2015	2015	1095		112	124		<a href="https://doi.org/10.1016/j.molstruc.2015.04.026">https://doi.org/10.1016/j.molstruc.2015.04.026</a>	13		<b>28130.5</b>
Applicability of TiO2 nanoparticle towards suppression of screening effect in nematic liquid crystal	Yadav, Satya Prakash; Pande, Mukti; Manohar, Rajiv; Singh, Shri	JOURNAL OF MOLECULAR LIQUIDS	AUG 2015	2015	208		34	37		<a href="https://doi.org/10.1016/j.molliq.2015.04.031">https://doi.org/10.1016/j.molliq.2015.04.031</a>	13		<b>28130.5</b>
A novel male sterility-fertility restoration system in plants for hybrid seed production	Singh, Surendra Pratap; Singh, Sudhir P.; Pandey, Tripti; Singh, Ram Rakshpal; Sawant, Samir V.	SCIENTIFIC REPORTS	JUN 15 2015	2015	5				11274	<a href="https://doi.org/10.1038/srep11274">https://doi.org/10.1038/srep11274</a>	13	17	<b>28139</b>
Nanostructured ZnFe2O4 thick film as room temperature liquefied petroleum gas sensor	Srivastava, Richa; Yadav, B. C.	JOURNAL OF EXPERIMENTAL NANOSCIENCE	JUN 13 2015	2015	10	9	703	717		<a href="https://doi.org/10.1080/17458080.2013.880001">https://doi.org/10.1080/17458080.2013.880001</a>	13		<b>28130.5</b>

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The boron-carbon-nitrogen heterocyclic rings	Srivastava, Ambrish Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	APR 1 2015	2015	625		5	9		<a href="https://doi.org/10.1016/j.cplett.2015.02.021">https://doi.org/10.1016/j.cplett.2015.02.021</a>	13	11	<b>28136</b>
Impairment of DNA in a Freshwater Gastropod ( <i>Lymnea luteola</i> L.) After Exposure to Titanium Dioxide Nanoparticles	Ali, Daoud; Ali, Huma; Alarifi, Saud; Kumar, Sudhir; Serajuddin, M.; Mashih, Agha P.; Ahmed, Mukhtar; Khan, Mujeeb; Adil, Syed Farooq; Shaik, M. R.; Ansari, Anees A.	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	APR 2015	2015	68	3	543	552		<a href="https://doi.org/10.1007/s00244-015-0132-0">https://doi.org/10.1007/s00244-015-0132-0</a>	13	14	<b>28137.5</b>
Development of certain novel N-(2-(2-(2-oxoindolin-3-ylidene)hydrazinecarbonyl)phenyl)-benzamides and 3-(2-oxoindolin-3-ylideneamino)-2-substituted quinazolin-4(3H)-ones as CFM-1 analogs: Design, synthesis, QSAR analysis and anticancer activity	Alafeefy, Ahmed M.; Ashour, Abdelkader E.; Prasad, Onkar; Sinha, Leena; Pathak, Shilendra; Alasmari, Fatimah A.; Rishi, Arun K.; Abdel-Aziz, Hatem A.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	MAR 6 2015	2015	92		191	201		<a href="https://doi.org/10.1016/j.ejmech.2014.12.048">https://doi.org/10.1016/j.ejmech.2014.12.048</a>	13		<b>28130.5</b>
Ecdysone regulates morphogenesis and function of malpighian tubules in <i>Drosophila melanogaster</i> through EcR-B2 isoform	Gautam, Naveen Kumar; Verma, Puja; Tapadia, Madhu G.	DEVELOPMENTAL BIOLOGY	FEB 15 2015	2015	398	2	163	176		<a href="https://doi.org/10.1016/j.ydbio.2014.11.003">https://doi.org/10.1016/j.ydbio.2014.11.003</a>	13	15	<b>28138</b>
One pot synthesis of tetrasubstituted thiophenes: [3+2] annulation strategy	Sahu, Satya Narayan; Gupta, Maneesh Kumar; Singh, Surjeet; Yadav, Pratik; Panwar, Rahul; Kumar, Abhinav; Ram, Vishnu Ji; Kumar, Brijesh; Pratap, Ramendra	RSC ADVANCES	2015	2015	5	46	36979	36986		<a href="https://doi.org/10.1039/c5ra01290b">https://doi.org/10.1039/c5ra01290b</a>	13		<b>28130.5</b>
Optical properties of regiorandom polythiophene/Al <sub>2</sub> O <sub>3</sub> nanocomposites and their application to ammonia gas sensing	Tripathi, Akhilesh; Mishra, Sheo K.; Bahadur, Indra; Shukla, R. K.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	OCT 2015	2015	26	10	7421	7430		<a href="https://doi.org/10.1007/s10854-015-3373-9">https://doi.org/10.1007/s10854-015-3373-9</a>	12		<b>26013.5</b>

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Characterization and adsorptive capacity of coal fly ash from aqueous solutions of disperse blue and disperse orange dyes	Kisku, G. C.; Markandeya; Shukla, S. P.; Sen Singh, D.; Murthy, R. C.	ENVIRONMENTAL EARTH SCIENCES	JUL 2015	2015	74	2	1125	1135		<a href="https://doi.org/10.1007/s12665-015-4098-z">https://doi.org/10.1007/s12665-015-4098-z</a>	12	13	<b>26020</b>
Structures, stability, and electronic properties of novel superalkali-halogen clusters	Srivastava, Ambrish Kumar; Misra, Neeraj	JOURNAL OF MOLECULAR MODELING	JUN 2015	2015	21	6			147	<a href="https://doi.org/10.1007/s00894-015-2693-2">https://doi.org/10.1007/s00894-015-2693-2</a>	12	12	<b>26019.5</b>
Biochemical characterization and antitumor activity of three phase partitioned L-asparaginase from Capsicum annum L.	Shanmugaprakash, M.; Jayashree, C.; Vinothkumar, V.; Senthilkumar, S. N. S.; Siddiqui, S.; Rawat, V.; Arshad, M.	SEPARATION AND PURIFICATION TECHNOLOGY	MAR 4 2015	2015	142		258	267		<a href="https://doi.org/10.1016/j.seppur.2014.12.036">https://doi.org/10.1016/j.seppur.2014.12.036</a>	12	12	<b>26019.5</b>
Chemotherapy of leishmaniasis part XIII: Design and synthesis of novel heteroretinoid-bisbenzylidene ketone hybrids as antileishmanial agents	Tiwari, Avinash; Kumar, Santosh; Shivahare, Rahul; Kant, Padam; Gupta, Suman; Suryawanshi, S. N.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	JAN 15 2015	2015	25	2	410	413		<a href="https://doi.org/10.1016/j.bmcl.2014.09.078">https://doi.org/10.1016/j.bmcl.2014.09.078</a>	12	13	<b>26020</b>
Climatically Induced Levee Break and Flood Risk Management of the Gorakhpur Region, Rapti River Basin, Ganga Plain, India	Sen Singh, Dhruv; Prajapati, Shailendra Kumar; Singh, Prashant; Singh, Kailash; Kumar, Dharendra	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	JAN 2015	2015	85	1	79	86		<a href="https://doi.org/10.1007/s12594-015-0195-6">https://doi.org/10.1007/s12594-015-0195-6</a>	12	10	<b>26018.5</b>
Nonlinear optical behavior of LinF (n=2-5) superalkali clusters	Srivastava, Ambrish Kumar; Misra, Neeraj	JOURNAL OF MOLECULAR MODELING	DEC 2015	2015	21	12			305	<a href="https://doi.org/10.1007/s00894-015-2849-0">https://doi.org/10.1007/s00894-015-2849-0</a>	11		<b>23896.5</b>
Synthesis, crystal structure, conformational analysis, nonlinear optical property and computational study of novel pregnane derivatives	Singh, Ranvijay Pratap; Kant, Rajni; Singh, Kuldeep; Sharma, Sonia; Sethi, Arun	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2015	2015	1095		125	134		<a href="https://doi.org/10.1016/j.molstruc.2015.04.018">https://doi.org/10.1016/j.molstruc.2015.04.018</a>	11	12	<b>23902.5</b>
Cissus quadrangularis Linn exerts dose-dependent biphasic effects: osteogenic and anti-proliferative, through modulating ROS, cell cycle and Runx2 gene expression in primary rat osteoblasts	Siddiqui, S.; Ahmad, E.; Gupta, M.; Rawat, V.; Shivnath, N.; Banerjee, M.; Khan, M. S.; Arshad, M.	CELL PROLIFERATION	AUG 2015	2015	48	4	443	454		<a href="https://doi.org/10.1111/cpr.12195">https://doi.org/10.1111/cpr.12195</a>	11	13	<b>23903</b>

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Synthesis, characterization and light harvesting properties of Sb(III) and Bi(III) ferrocenyl dithiocarbamate complexes	Chauhan, Ratna; Trivedi, Manoj; Yadav, Reena; Kumar, Abhinav; Amalnerkar, Dinesh P.; Gosavi, Suresh W.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	NOV 5 2015	2015	150		652	656		<a href="https://doi.org/10.1016/j.saa.2015.06.012">https://doi.org/10.1016/j.saa.2015.06.012</a>	10	9	<b>21784</b>
Prolonged matings in a ladybird, <i>Menochilus sexmaculatus</i> : A mate guarding mechanism?	Chaudhary, Desh Deepak; Mishra, Geetanjali; Omkar	JOURNAL OF ASIA-PACIFIC ENTOMOLOGY	SEP 2015	2015	18	3	453	458		<a href="https://doi.org/10.1016/j.aspen.2015.05.003">https://doi.org/10.1016/j.aspen.2015.05.003</a>	10	10	<b>21784.5</b>
Reactive oxygen species mediate axis-cotyledon signaling to induce reserve mobilization during germination and seedling establishment in <i>Vigna radiata</i>	Verma, Giti; Mishra, Sujata; Sangwan, Neelam; Sharma, Samir	JOURNAL OF PLANT PHYSIOLOGY	JUL 20 2015	2015	184		79	88		<a href="https://doi.org/10.1016/j.jplph.2015.07.001">https://doi.org/10.1016/j.jplph.2015.07.001</a>	10	13	<b>21786</b>
Arsenite stress variably stimulates pro-oxidant enzymes, anatomical deformities, photosynthetic pigment reduction, and antioxidants in arsenic-tolerant and sensitive rice seedlings	Tripathi, Preeti; Singh, Rana Pratap; Sharma, Yogesh Kumar; Tripathi, Rudra Deo	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	JUL 2015	2015	34	7	1562	1571		<a href="https://doi.org/10.1002/etc.2937">https://doi.org/10.1002/etc.2937</a>	10	10	<b>21784.5</b>
FT-IR and FT-Raman spectroscopic signatures, vibrational assignments, NBO, NLO analysis and molecular docking study of 2-[[5-(adamantan-1-yl)-4-methyl-4H-1,2,4-triazol-3-yl]sulfanyl]-N,N-dimethylethanamine	Almutairi, Maha S.; Alanazi, Amer M.; Al-Abdullah, Ebtehal S.; El-Emam, Ali A.; Pathak, Shilendra K.; Srivastava, Ruchi; Prasad, Onkar; Sinha, Leena	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	APR 5 2015	2015	140		1	14		<a href="https://doi.org/10.1016/j.saa.2014.12.064">https://doi.org/10.1016/j.saa.2014.12.064</a>	10	11	<b>21785</b>
Synthesis, conformational, spectroscopic and chemical reactivity analysis of 2-cyano-3-(1H-pyrrol-2-yl)acrylohydrazide using experimental and quantum chemical approaches	Rawat, Poonam; Singh, R. N.	JOURNAL OF MOLECULAR STRUCTURE	FEB 15 2015	2015	1082		118	130		<a href="https://doi.org/10.1016/j.molstruc.2014.10.072">https://doi.org/10.1016/j.molstruc.2014.10.072</a>	10	11	<b>21785</b>

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Frontal polymerization of acrylamide complex with nanostructured ZnS and PbS: Their characterizations and sensing applications	Singh, Satyendra; Singh, Archana; Yadav, B. C.; Tandon, Poonam; Kumar, Subodh; Yadav, R. R.; Pomogailo, Svetlana I.; Dzhardimalieva, Gulzhian I.; Pomogailo, Anatolii D.	SENSORS AND ACTUATORS B-CHEMICAL	FEB 2015	2015	207		460	469		<a href="https://doi.org/10.1016/j.snb.2014.10.047">https://doi.org/10.1016/j.snb.2014.10.047</a>	10	10	<b>21784.5</b>
Vibrational spectra, HOMO, LUMO, MESP surfaces and reactivity descriptors of amylamine and its isomers: A DFT study	Dwivedi, Apoorva; Srivastava, Ambrish Kumar; Bajpai, Abhishek	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	OCT 5 2015	2015	149		343	351		<a href="https://doi.org/10.1016/j.saa.2015.04.042">https://doi.org/10.1016/j.saa.2015.04.042</a>	9	9	<b>19667</b>
Adaptation of oxidative phosphorylation to photoperiod-induced seasonal metabolic states in migratory songbirds	Trivedi, Amit Kumar; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY	JUN 2015	2015	184		34	40		<a href="https://doi.org/10.1016/j.cbpa.2015.01.011">https://doi.org/10.1016/j.cbpa.2015.01.011</a>	9	9	<b>19667</b>
Amelioration of Heavy-Metal Toxicity in Cauliflower by Application of Salicylic Acid	Sinha, Pratima; Shukla, A. K.; Sharma, Y. K.	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS	MAY 31 2015	2015	46	10	1309	1319		<a href="https://doi.org/10.1080/00103624.2015.1033543">https://doi.org/10.1080/00103624.2015.1033543</a>	9	10	<b>19667.5</b>
CD36 Gene Variants in Early Prediction of Type 2 Diabetes Mellitus	Gautam, Sunaina; Agrawal, Chandra Gupta; Banerjee, Monisha	GENETIC TESTING AND MOLECULAR BIOMARKERS	MAR 1 2015	2015	19	3	144	149		<a href="https://doi.org/10.1089/gtmb.2014.0265">https://doi.org/10.1089/gtmb.2014.0265</a>	9		<b>19662.5</b>
Adsorption behaviours of phenols onto high specific area activated carbon derived from <i>Trapa bispinosa</i>	Singh, Kaman; Chandra, Bhuwan	INDIAN JOURNAL OF CHEMICAL TECHNOLOGY	JAN-MAR 2015	2015	22	1-2	11	19			9		<b>19662.5</b>

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De novo assembly and characterization of root transcriptome in two distinct morphotypes of vetiver, <i>Chrysopogon zizanioides</i> (L.) Roberty	Chakrabarty, Debasis; Chauhan, Puneet Singh; Chauhan, Abhishek Singh; Indoliya, Yuvraj; Lavania, Umesh Chandra; Nautiyal, Chandra Shekhar	SCIENTIFIC REPORTS	DEC 18 2015	2015	5				18630	<a href="https://doi.org/10.1038/srep18630">https://doi.org/10.1038/srep18630</a>	8		17545.5
Eco-friendly synthesis, spectral and computational study of pyrrole-2-carboxaldehyde salicylhydrazone (PCSH) for its application	Rawat, Poonam; Singh, R. N.	JOURNAL OF MOLECULAR STRUCTURE	NOV 15 2015	2015	1100		105	115		<a href="https://doi.org/10.1016/j.molstruc.2015.07.005">https://doi.org/10.1016/j.molstruc.2015.07.005</a>	8		17545.5
Synthesis, crystal structure, spectroscopic analysis and computational study of (Z)-1-(2,4-dinitrophenyl)-2-((E)-3-(4-methoxyphenyl)-1-(thiophen-2-yl) allylidene) hydrazine by DFT and AIM approach	Singh, Ashok Kumar; Singh, Ravindra Kumar	JOURNAL OF MOLECULAR STRUCTURE	JUN 5 2015	2015	1089		191	205		<a href="https://doi.org/10.1016/j.molstruc.2015.02.029">https://doi.org/10.1016/j.molstruc.2015.02.029</a>	8		17545.5
Role of light wavelengths in synchronization of circadian physiology in songbirds	Yadav, G.; Malik, S.; Rani, S.; Kumar, V.	PHYSIOLOGY & BEHAVIOR	MAR 1 2015	2015	140		164	171		<a href="https://doi.org/10.1016/j.physbeh.2014.12.032">https://doi.org/10.1016/j.physbeh.2014.12.032</a>	8		17545.5
Analysis of physical parameters and collective dielectric relaxations in core/shell quantum dot ferroelectric liquid crystal composite	Pandey, Shivani; Vimal, Tripti; Singh, Dharmendra Pratap; Gupta, Swadesh Kumar; Mahamuni, Shailaja; Srivastava, Atul; Manohar, Rajiv	JOURNAL OF MOLECULAR LIQUIDS	NOV 2015	2015	211		157	163		<a href="https://doi.org/10.1016/j.molliq.2015.06.046">https://doi.org/10.1016/j.molliq.2015.06.046</a>	7		15428.5
Arsenite and arsenate impact the oxidative status and antioxidant responses in <i>Ocimum tenuiflorum</i> L	Siddiqui, Fauzia; Tandon, P. K.; Srivastava, Sudhakar	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	JUL 2015	2015	21	3	453	458		<a href="https://doi.org/10.1007/s12298-015-0299-x">https://doi.org/10.1007/s12298-015-0299-x</a>	7		15428.5
Yield enhancement strategies for the production of picroliv from hairy root culture of <i>Picrorhiza kurroa</i> Royle ex Benth.	Verma, Praveen Chandra; Singh, Harpal; Negi, Arvind Singh; Saxena, Gauri; Rahman, Laiq-ur; Banerjee, Suchitra	PLANT SIGNALING & BEHAVIOR	MAY 4 2015	2015	10	5				<a href="https://doi.org/10.1080/15592324.2015.1023976">https://doi.org/10.1080/15592324.2015.1023976</a>	7		15428.5

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Ab initio investigations on lithium-superhalogen (Li-X) complexes (X = LiF <sub>2</sub> , BeF <sub>3</sub> , BF <sub>4</sub> and PF <sub>6</sub> ): competition between s-block and p-block anions	Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR PHYSICS	APR 18 2015	2015	113	8	866	870		<a href="https://doi.org/10.1080/00268976.2014.985278">https://doi.org/10.1080/00268976.2014.985278</a>	7		15428.5
Study of genetic variability pattern and their possibility of exploitation in Ocimum germplasm	Patel, R. P.; Kumar, R. R.; Singh, R.; Singh, R. R.; Rao, B. R. R.; Singh, V. R.; Gupta, Pankhuri; Lahri, Rashmi; Lal, R. K.	INDUSTRIAL CROPS AND PRODUCTS	APR 2015	2015	66		119	122		<a href="https://doi.org/10.1016/j.indcrop.2014.12.043">https://doi.org/10.1016/j.indcrop.2014.12.043</a>	7		15428.5
Fluorescence, UV absorbance and dielectric studies of fluorescent dye doped ferroelectric liquid crystal	Misra, Abhishek Kumar; Tripathi, Pankaj Kr; Manohar, Rajiv	JOURNAL OF NON-CRYSTALLINE SOLIDS	MAR 15 2015	2015	412		1	4		<a href="https://doi.org/10.1016/j.jnoncrysol.2014.11.037">https://doi.org/10.1016/j.jnoncrysol.2014.11.037</a>	7		15428.5
Spectral features, electric properties, NBO analysis and reactivity descriptors of 2-(2-Benzothiazolythio)-Ethanol: Combined experimental and DFT studies	Srivastava, Ruchi; Sinha, L.; Karabacak, M.; Prasad, O.; Pathak, S. K.; Asiri, A. M.; Cinar, M.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	FEB 5 2015	2015	136		1205	1215		<a href="https://doi.org/10.1016/j.saa.2014.09.091">https://doi.org/10.1016/j.saa.2014.09.091</a>	7		15428.5
MAGNETOHYDRODYNAMIC FLOW IN A CIRCULAR CHANNEL FILLED WITH A POROUS MEDIUM	Verma, Vineet Kumar; Singh, Sanjeeva Kumar	JOURNAL OF POROUS MEDIA	2015	2015	18	9	923	928		<a href="https://doi.org/10.1615/JPorMedia.v18.i9.80">https://doi.org/10.1615/JPorMedia.v18.i9.80</a>	7		15428.5
Phase-matched second-harmonic generation via laser plasma interaction	Verma, Nirmal Kumar; Agrawal, Ekta; Jha, Pallavi	EPL	JAN 2015	2015	109	1			15001	<a href="https://doi.org/10.1209/0295-5075/109/15001">https://doi.org/10.1209/0295-5075/109/15001</a>	7		15428.5
Synthesis, Structural and Optical Studies of Barium Strontium Titanate Borosilicate Glasses Doped with Ferric Oxide	Yadav, Avadhesh Kumar; Gautam, C. R.	SPECTROSCOPY LETTERS	2015	2015	48	7	514	520		<a href="https://doi.org/10.1080/000387010.2014.920886">https://doi.org/10.1080/000387010.2014.920886</a>	7		15428.5
Predatory responses of selected lines of developmental variants of ladybird, Propylea dissecta (Coleoptera: Coccinellidae) in relation to increasing prey and predator densities	Siddiqui, Arshi; Omkar; Paul, Sarah C.; Mishra, Geetanjali	BIOCONTROL SCIENCE AND TECHNOLOGY	2015	2015	25	9	992	1010		<a href="https://doi.org/10.1080/09583157.2015.1024101">https://doi.org/10.1080/09583157.2015.1024101</a>	7		15428.5

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Glutathione S-Transferase Gene Polymorphisms and Treatment Outcome in Cervical Cancer Patients under Concomitant Chemoradiation	Abbas, Mohammad; Kushwaha, Vandana Singh; Srivastava, Kirti; Banerjee, Monisha	PLOS ONE	NOV 16 2015	2015	10	11			e0142501	<a href="https://doi.org/10.1371/journal.pone.0142501">https://doi.org/10.1371/journal.pone.0142501</a>	6		13311.5
Structure Activity Relationship and Quantitative Structure-Activity Relationships Modeling of Antitrypanosomal Activities of Alkyldiamine Cryptolepine Derivatives	Belaidi, Salah; Salah, Toufik; Melkemi, Nadjib; Sinha, Leena; Prasad, Onkar	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	SEP 2015	2015	12	9	2421	2427		<a href="https://doi.org/10.1166/jctn.2015.4042">https://doi.org/10.1166/jctn.2015.4042</a>	6		13311.5
Study on molecular structure, spectroscopic behavior, NBO, and NLO analysis of 3-methylbezothiazole-2-thione	Chand, Satish; Al-Omary, Fatmah A. M.; El-Emam, Ali A.; Shukla, Vikas K.; Prasad, Onkar; Sinha, Leena	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	JUL 5 2015	2015	146		129	141		<a href="https://doi.org/10.1016/j.saa.2015.03.068">https://doi.org/10.1016/j.saa.2015.03.068</a>	6		13311.5
Dielectric behavior of lanthanum added barium strontium titanate borosilicate glass ceramics	Yadav, Avadhesh Kumar; Gautam, C. R.; Singh, Prabhakar	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	JUL 2015	2015	26	7	5001	5008		<a href="https://doi.org/10.1007/s10854-015-3013-4">https://doi.org/10.1007/s10854-015-3013-4</a>	6		13311.5
A Combined theoretical and experimental study of conformational and spectroscopic profile of 2-acetamido-5-aminopyridine	Pathak, Shilendra K.; Srivastava, Ruchi; Sachan, Alok K.; Prasad, Onkar; Sinha, Leena	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	MAY 15 2015	2015	143		147	157		<a href="https://doi.org/10.1016/j.saa.2015.01.130">https://doi.org/10.1016/j.saa.2015.01.130</a>	6		13311.5
Syntheses, structural elucidation, thermal properties, theoretical quantum chemical studies (DFT) and biological studies of barbituric-hydrazone complexes	Soayed, Amina A.; Refaat, Heba M.; Sinha, Leena	JOURNAL OF SAUDI CHEMICAL SOCIETY	MAR 2015	2015	19	2	217	226		<a href="https://doi.org/10.1016/j.jscs.2014.05.003">https://doi.org/10.1016/j.jscs.2014.05.003</a>	6		13311.5
BDP-30, a systemic resistance inducer from Boerhaavia diffusa L., suppresses TMV infection, and displays homology with ribosome-inactivating proteins	Srivastava, Shalini; Verma, H. N.; Srivastava, Aparana; Prasad, Vivek	JOURNAL OF BIOSCIENCES	MAR 2015	2015	40	1	125	135		<a href="https://doi.org/10.1007/s12038-014-9494-0">https://doi.org/10.1007/s12038-014-9494-0</a>	6		13311.5
Optical and photoconductivity properties of pure Polypyrrole and titanium dioxide-doped Polypyrrole nanocomposites	Singh, Susheel Kumar; Shukla, R. K.	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	MAR 2015	2015	31		245	250		<a href="https://doi.org/10.1016/j.mssp.2014.11.045">https://doi.org/10.1016/j.mssp.2014.11.045</a>	6		13311.5



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Group algebras with almost minimal Lie nilpotency index	Sahai, Meena	PUBLICATIONES MATHEMATICAE-DEBRECEN	2015	2015	87	1-2	47	55		<a href="https://doi.org/10.5486/PMD.2015.7020">https://doi.org/10.5486/PMD.2015.7020</a>	6		13311.5
Gold oxyfluorides, Au(O <sub>F</sub> )(n) (n=1-6): novel superhalogens with oxyfluoride ligands	Srivastava, Ambrish Kumar; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	2015	2015	39	12	9543	9549		<a href="https://doi.org/10.1039/c5nj01599e">https://doi.org/10.1039/c5nj01599e</a>	6		13311.5
Synthesis, spectroscopic characterization, X-ray analysis and theoretical studies on the spectral features (FT-IR, H-1-NMR), chemical reactivity, NBO analyses of 2-(4-fluorophenyl)-2-(4-fluorophenylamino)acetonitrile and its docking into IDO enzyme	Brahmachari, Goutam; Kumar, Abhishek; Srivastava, Ambrish Kumar; Gangwar, Shashi; Misra, Neeraj; Gupta, Vivek K.; Rajnikant	RSC ADVANCES	2015	2015	5	99	80967	80977		<a href="https://doi.org/10.1039/c5ra15797h">https://doi.org/10.1039/c5ra15797h</a>	6		13311.5
Introducing carborazine" as a novel heterocyclic aromatic species	Srivastava, Ambrish Kumar; Misra, Neeraj	NEW JOURNAL OF CHEMISTRY	2015	2015	39	4	2483	2488		<a href="https://doi.org/10.1039/c4nj02089h">https://doi.org/10.1039/c4nj02089h</a>	6		13311.5
Structural control of landslides in Eastern Kumaun Himalaya: Case study from Sukhidhang-Ladhiya section	Prakash, Chandra; Agarwal, K. K.; Sharma, V. K.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	NOV 2015	2015	86	5	507	512		<a href="https://doi.org/10.1007/s12594-015-0340-2">https://doi.org/10.1007/s12594-015-0340-2</a>	5		11194.5
Synthesis, spectral and chemical reactivity analysis of 2,4-dinitrophenyl hydrazone having pyrrole moiety	Rawat, Poonam; Singh, R. N.	JOURNAL OF MOLECULAR STRUCTURE	OCT 5 2015	2015	1097		214	225		<a href="https://doi.org/10.1016/j.molstruc.2015.05.020">https://doi.org/10.1016/j.molstruc.2015.05.020</a>	5		11194.5
Exploring QSARs of some benzenesulfonamides incorporating cyanoacrylamide moieties as a carbonic anhydrase inhibitors (specifically against tumor-associated isoforms IX and XII)	Alafeefy, Ahmed M.; Abdel-Aziz, Hatem A.; Carta, F.; Supuran, Claudiu T.; Pathak, Shilendra K.; Prasad, Onkar; Sinha, Leena	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	AUG 2015	2015	30	4	519	523		<a href="https://doi.org/10.3109/14756366.2014.948435">https://doi.org/10.3109/14756366.2014.948435</a>	5		11194.5
Structure-property correlation of pure and Sn-doped ZnO nanocrystalline materials prepared by co-precipitation	Verma, Manju; Dwivedi, Prabhat K.; Das, B.	JOURNAL OF EXPERIMENTAL NANOSCIENCE	APR 13 2015	2015	10	6	438	448		<a href="https://doi.org/10.1080/17458080.2013.840936">https://doi.org/10.1080/17458080.2013.840936</a>	5		11194.5

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Spectroscopic and quantum chemical correlation for structural evaluation, chemical reactivity and non-linear optical property investigation of two chalcone having pyrrole moiety: A comparative study	Singh, R. N.; Rawat, Poonam; Baboo, Vikas; Kumar, Yashvinder	JOURNAL OF MOLECULAR STRUCTURE	APR 5 2015	2015	1085		258	267		<a href="https://doi.org/10.1016/j.molstruc.2014.12.062">https://doi.org/10.1016/j.molstruc.2014.12.062</a>	5		11194.5
Harmonic generation by circularly polarized laser beams propagating in plasma	Agrawal, Ekta; Hemlata; Jha, Pallavi	PHYSICS OF PLASMAS	APR 2015	2015	22	4			43117	<a href="https://doi.org/10.1063/1.4918950">https://doi.org/10.1063/1.4918950</a>	5		11194.5
Experimental and DFT study on pyrrole tosylhydrazones	Singh, R. N.; Rawat, Poonam; Verma, Divya; Bharti, Shailendra Kumar	JOURNAL OF MOLECULAR STRUCTURE	FEB 5 2015	2015	1081		543	554		<a href="https://doi.org/10.1016/j.molstruc.2014.10.046">https://doi.org/10.1016/j.molstruc.2014.10.046</a>	5		11194.5
A ripening associated peroxidase from papaya having a role in defense and lignification: Heterologous expression and in-silico and in-vitro experimental validation	Pandey, Veda P.; Dwivedi, Upendra N.	GENE	JAN 25 2015	2015	555	2	438	447		<a href="https://doi.org/10.1016/j.gene.2014.11.013">https://doi.org/10.1016/j.gene.2014.11.013</a>	5		11194.5
Age dependent mate choice influences reproductive and progeny attributes in aphidophagous ladybird beetles (Coleoptera: Coccinellidae)	Bista, Mahadev; Omkar	EUROPEAN JOURNAL OF ENTOMOLOGY	2015	2015	112	4	648	657		<a href="https://doi.org/10.14411/eje.2015.082">https://doi.org/10.14411/eje.2015.082</a>	5		11194.5
Synthesis and Structural Properties of Lead Strontium Titanate Borosilicate Glasses with Addition of Chromium Trioxide and Graphene Nanoplatlets	Gautam, Chandkiram; Dixit, Shiva; Madheshiya, Abhishek	SPECTROSCOPY LETTERS	2015	2015	48	4	280	285		<a href="https://doi.org/10.1080/00387010.2013.874531">https://doi.org/10.1080/00387010.2013.874531</a>	5		11194.5
POST-COLLISION SEDIMENTATION IN THE INDUS BASIN (LADAKH, INDIA): IMPLICATIONS FOR THE EVOLUTION OF THE NORTHERN MARGIN OF THE INDIAN PLATE	Singh, Indra Bir; Sahni, Ashok; Jain, Arvind Kumar; Upadhyay, Rajeev; Parcha, Suraj Kumar; Parmar, Varun; Agarwal, Kamal Kishore; Shukla, Sudhir; Kumar, Surendra; Singh, Mahendra Pal; Ahmad, Shamim; Jigyasu, Dharmendra Kumar; Arya, Ritesh; Pandey, Shivani	JOURNAL OF THE PALAEOONTOLOGICAL SOCIETY OF INDIA	DEC 2015	2015	60	2	97	146			4		9077.5

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Cross reactive molecules of human lymphatic filaria Brugia malayi inhibit Leishmania donovani infection in hamsters	Verma, Richa; Joseph, Sujith K.; Kushwaha, Vikas; Kumar, Vikash; Siddiqi, M. I.; Vishwakarma, Preeti; Shivahare, Rahul; Gupta, Suman; Murthy, P. K.	ACTA TROPICA	DEC 2015	2015	152		103	111		<a href="https://doi.org/10.1016/j.actatropica.2015.08.018">https://doi.org/10.1016/j.actatropica.2015.08.018</a>	4		9077.5
A combined experimental and theoretical investigation on solvent-dependent luminescence behavior of a Cu(I)-MOF	Wang, Jun; Gu, Chu-Ying; Li, Qing-Lin; Lu, Lu; Liu, Jian-Qiang; Liu, Wei-Cong; Yadav, Reena; Kumar, Abhinav; Ng, Seik Weng	INORGANIC CHEMISTRY COMMUNICATIONS	NOV 2015	2015	61		82	84		<a href="https://doi.org/10.1016/j.inoche.2015.08.025">https://doi.org/10.1016/j.inoche.2015.08.025</a>	4		9077.5
Preliminary study of feasibility of an experiment looking for excited state double beta transitions in tin	Das, Soumik; Ghorui, S. K.; Raina, P. K.; Singh, A. K.; Rath, P. K.; Cappella, F.; Cerulli, R.; Laubenstein, M.; Belli, P.; Bernabei, R.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	OCT 11 2015	2015	797		130	137		<a href="https://doi.org/10.1016/j.nima.2015.06.053">https://doi.org/10.1016/j.nima.2015.06.053</a>	4		9077.5
Electrocatalytic properties of cobalt ferrites obtained by glycine sol-gel route for oxygen evolution in alkaline medium	Yadav, Ritu; Singh, Narendra Kumar	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	OCT 2015	2015	54	10	1221	1226			4		9077.5

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Spectral investigation and theoretical study of zwitterionic and neutral forms of quinolinic acid	Karabacak, M.; Sinha, L.; Prasad, O.; Bilgili, S.; Sachan, Alok K.; Asiri, A. M.; Atac, A.	JOURNAL OF MOLECULAR STRUCTURE	SEP 5 2015	2015	1095		100	111		<a href="https://doi.org/10.1016/j.molstruc.2015.04.010">https://doi.org/10.1016/j.molstruc.2015.04.010</a>	4		9077.5
A review on the molecular characterization of digenean parasites using molecular markers with special reference to ITS region	Choudhary, K.; Verma, A. Kumar; Swaroop, S.; Agrawal, N.	HELMINTHOLOGIA	SEP 2015	2015	52	3	167	187		<a href="https://doi.org/10.1515/helmin-2015-0031">https://doi.org/10.1515/helmin-2015-0031</a>	4		9077.5
Fluorinated ferromagnetic metal clusters and their superhalogen behaviour	Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR PHYSICS	JAN 2 2015	2015	113	1	36	44		<a href="https://doi.org/10.1080/00268976.2014.941025">https://doi.org/10.1080/00268976.2014.941025</a>	4	4	9079.5
Heterocyclic C <sub>2</sub> B <sub>2</sub> N <sub>2</sub> H <sub>6</sub> versus homocyclic C <sub>6</sub> H <sub>6</sub>	Srivastava, Ambrish Kumar; Misra, Neeraj	MAIN GROUP CHEMISTRY	2015	2015	14	4	369	375		<a href="https://doi.org/10.3233/MGC-150179">https://doi.org/10.3233/MGC-150179</a>	4		9077.5
Nocturnal melatonin levels decode daily light environment and reflect seasonal states in night-migratory blackheaded bunting (Emberiza melanocephala)	Malik, Shalie; Singh, Jyoti; Trivedi, Amit Kumar; Singh, Sudhi; Rani, Sangeeta; Kumar, Vinod	PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES	2015	2015	14	5	963	971		<a href="https://doi.org/10.1039/c5pp00045a">https://doi.org/10.1039/c5pp00045a</a>	4	6	9080.5
CORALLINE ALGAE FROM THE NEILL WEST COAST FORMATION (PLEISTOCENE), NEIL ISLAND, SOUTH ANDAMAN, INDIA	Kishore, S.; Jauhri, A. K.; Singh, S. K.; Malakar, B.; Misra, P. K.	JOURNAL OF THE PALAEONTOLOGICAL SOCIETY OF INDIA	DEC 2015	2015	60	2	57	69			3	3	6962
In vitro response of black gram genotypes to herbicide stress and elevation of antioxidative defence system	Bajpai, Jyoti; Srivastava, Alka	ACTA PHYSIOLOGIAE PLANTARUM	SEP 2015	2015	37	9				<a href="https://doi.org/10.1007/s11738-015-1926-4">https://doi.org/10.1007/s11738-015-1926-4</a>	3	3	6962
Conformational and spectroscopic behaviors of 2,4-xylyl isothiocyanate	Cinar, Mehmet; Karabacak, Mehmet; Chand, Satish; Shukla, Vikas K.; Sinha, Leena; Prasad, Onkar; Singh, Manoj Pratap; Asiri, Abdullah M.	JOURNAL OF MOLECULAR STRUCTURE	MAY 5 2015	2015	1087		113	120		<a href="https://doi.org/10.1016/j.molstruc.2014.12.079">https://doi.org/10.1016/j.molstruc.2014.12.079</a>	3	4	6962.5

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Quantum Dot Doped Ferroelectric Liquid Crystal System: Investigation of Electro-Optical Parameters and Relaxation Behavior	Gupta, Swadesh Kumar; Pandey, Shivani; Singh, Dharmendra Pratap; Vimal, Tripti; Manohar, Shashwati; Manohar, Rajiv	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	MAR 24 2015	2015	610	1	227	234		<a href="https://doi.org/10.1080/15421406.2015.1026750">https://doi.org/10.1080/15421406.2015.1026750</a>	3	3	<b>6962</b>
Thaparocleidus Jain, 1952: A Potential Monogenoid Biomarker in Host Identification	Rajvanshi, Saroj; Tripathi, Priyanka; Agrawal, Nirupama	PAKISTAN JOURNAL OF ZOOLOGY	FEB 2015	2015	47	1	283	285			3	3	<b>6962</b>
Resource partitioning in a ladybird, <i>Menochilus sexmaculatus</i> : function of body size and prey density	Chaudhary, D. D.; Kumar, B.; Mishra, G.; Omkar	BULLETIN OF ENTOMOLOGICAL RESEARCH	FEB 2015	2015	105	1	121	128		<a href="https://doi.org/10.1017/S0007485314000844">https://doi.org/10.1017/S0007485314000844</a>	3	3	<b>6962</b>
Impact of Anthropocene Vis-a-vis Holocene Climatic Changes on Central Indian Himalayan Glaciers	Bali, Rameshwar; Ali, S. Nawaz; Bera, S. K.; Patil, S. K.; Agarwal, K. K.; Nautiyal, C. M.	ENGINEERING GEOLOGY FOR SOCIETY AND TERRITORY, VOL 1: CLIMATE CHANGE AND ENGINEERING GEOLOGY	2015	2015			467	471		<a href="https://doi.org/10.1007/978-3-319-09300-0_89">https://doi.org/10.1007/978-3-319-09300-0_89</a>	3		<b>6960.5</b>
Two New Species of the Genus <i>Pallisentis</i> Van Cleave, 1928 (Acanthocephala: Quadrigyridae) from the Intestine of <i>Channa punctatus</i> (Bloch, 1793) from the River Gomti at Lucknow, India	Gupta, Rahul; Maurya, Ramakant; Saxena, Anand Murari	IRANIAN JOURNAL OF PARASITOLOGY	JAN-MAR 2015	2015	10	1	116	121			3	2	<b>6961.5</b>
An investigation on structural, vibrational and nonlinear optical behavior of 4b,9b-dihydroxy-7,8-dihydro-4bH-Indeno[1,2-b] Benzofuran-9,10(6H,9bH)-dione: A DFT study	Hasan, Tanveer; Mehdi, Sayed Hasan; Ghalib, Raza Murad; Singh, P. K.; Misra, Neeraj	JOURNAL OF CHEMICAL SCIENCES	DEC 2015	2015	127	12	2217	2223		<a href="https://doi.org/10.1007/s12039-015-0984-x">https://doi.org/10.1007/s12039-015-0984-x</a>	2	2	<b>4844.5</b>
Spectroscopic and electronic structure calculation of a potential chemotherapeutic agent 5-propyl-6-(p-tolylsulfanyl)pyrimidine-2,4(1H,3H)-dione using first principles	Al-Alshaikh, Monirah A.; Al-Deeb, Omar A.; Alzoman, Nourah Z.; El-Emam, Ali A.; Srivastava, Ruchi; Sachan, Alok K.; Prasad, Onkar; Sinha, Leena	JOURNAL OF MOLECULAR STRUCTURE	NOV 15 2015	2015	1100		225	236		<a href="https://doi.org/10.1016/j.molstruc.2015.07.042">https://doi.org/10.1016/j.molstruc.2015.07.042</a>	2	2	<b>4844.5</b>

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Tip enhanced Raman spectroscopy, DFT and PED calculations of 4'-trimethylsilyl ethylsulfanyl-4,4'-di(phenyleneethynylene)benzene thiol adsorbed on silver	Fletcher, Melissa C.; Alexson, Dimitri M.; Moore, Martin M.; Prokes, S. M.; Glembocki, Orest; Vivoni, Alberto; McCoy, Rhonda; Mishra, Soni; Tandon, Poonam; Hosten, Charles M.	JOURNAL OF MOLECULAR STRUCTURE	NOV 5 2015	2015	1099		534	542		<a href="https://doi.org/10.1016/j.molstruc.2015.07.006">https://doi.org/10.1016/j.molstruc.2015.07.006</a>	2		<b>4843.5</b>
Study of the structural phase transformation, and optical behavior of the as synthesized ZnO-SnO <sub>2</sub> -TiO <sub>2</sub> nanocomposite	Kumar, Sudhir; Gupta, M.; Sathe, V.; Shripathi, T.; Phase, D. M.; Das, B.	PHASE TRANSITIONS	NOV 2 2015	2015	88	11	1122	1136		<a href="https://doi.org/10.1080/01411594.2015.1051048">https://doi.org/10.1080/01411594.2015.1051048</a>	2		<b>4843.5</b>
Time allocation of daily behaviors in subtropical passerine finch, spotted munia (Lonchura punctulata)	Ruchi; Malik, Shalie	BIOLOGICAL RHYTHM RESEARCH	NOV 2 2015	2015	46	6	941	947		<a href="https://doi.org/10.1080/09291016.2015.1073459">https://doi.org/10.1080/09291016.2015.1073459</a>	2	2	<b>4844.5</b>
Propagation characteristics of two-color laser pulses in homogeneous plasma	Saroch, Hemlata Akanksha; Jha, Pallavi	PHYSICS OF PLASMAS	NOV 2015	2015	22	11			113104	<a href="https://doi.org/10.1063/1.4934977">https://doi.org/10.1063/1.4934977</a>	2	2	<b>4844.5</b>
Tryptophan metabolism and evaluation of morphological, biochemical and molecular variations in a field grown plant population derived via direct adventitious shoot bud regeneration from pre-plasmolysed leaves of Catharanthus roseus	Verma, Priyanka; Khan, Shamshad Ahmad; Mathur, Ajay Kumar; Srivastava, Alka; Shanker, Karuna	PLANT CELL TISSUE AND ORGAN CULTURE	NOV 2015	2015	123	2	357	375		<a href="https://doi.org/10.1007/s11240-015-0841-0">https://doi.org/10.1007/s11240-015-0841-0</a>	2	3	<b>4845</b>
Can Li <sub>2</sub> F <sub>2</sub> cluster be formed by LiF <sub>2</sub> /Li <sub>2</sub> F-Li/F interactions? An ab initio investigation	Srivastava, Ambrish Kumar; Misra, Neeraj	MOLECULAR SIMULATION	OCT 13 2015	2015	41	15	1278	1282		<a href="https://doi.org/10.1080/08927022.2014.978314">https://doi.org/10.1080/08927022.2014.978314</a>	2		<b>4843.5</b>
Effect of different photoperiods on the growth and survival of juvenile of Indian major carp, Catla catla	Kashyap, A.; Pathak, Chandra B.; Awasthi, M.; Serajuddin, M.	IRANIAN JOURNAL OF FISHERIES SCIENCES	OCT 2015	2015	14	4	946	955			2		<b>4843.5</b>

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Comparative pharmacognostical studies of two medicinally important Indian Evolvulus species	Irshad, Saba; Pragyadeep, Siddhartha; Rawat, Ajay Kumar Singh; Misra, P. K.; Khatoon, Sayyada	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	OCT 2015	2015	14	4	564	570			2	2	<b>4844.5</b>
Altered light conditions during spring: effects on timing of migration and reproduction in migratory redheaded bunting ( <i>Emberiza bruniceps</i> )	Agarwal, Neha; Srivastava, Swati; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	BIOLOGICAL RHYTHM RESEARCH	SEP 3 2015	2015	46	5	647	657		<a href="https://doi.org/10.1080/09291016.2015.1046245">https://doi.org/10.1080/09291016.2015.1046245</a>	2	1	<b>4844</b>
Molecular basis of photoperiodic control of reproductive cycle in a subtropical songbird, the Indian weaver bird ( <i>Ploceus philippinus</i> )	Srivastava, Amrita; Trivedi, Neerja; Malik, Shalie; Rani, Sangeeta; Kumar, Vinod	GENERAL AND COMPARATIVE ENDOCRINOLOGY	SEP 1 2015	2015	220		41	45		<a href="https://doi.org/10.1016/j.ygcen.2014.08.012">https://doi.org/10.1016/j.ygcen.2014.08.012</a>	2	2	<b>4844.5</b>
Catalytic ligand exchange reaction between hexacyanoferrate(II) and 4-cyanopyridine applied to trace kinetic analysis of palladium(II)	Naik, Radhey M.; Kumar, Basant; Prasad, Surendra; Chetty, Adrian A.; Asthana, Abhas	MICROCHEMICAL JOURNAL	SEP 2015	2015	122		82	88		<a href="https://doi.org/10.1016/j.microc.2015.04.006">https://doi.org/10.1016/j.microc.2015.04.006</a>	2	2	<b>4844.5</b>
Electrophilic substitution of acetyltrimethylsilane with tellurium(IV) halides: A synthetic route to 3-methyl-5-(trimethylsilyl)-1,2-oxatelluro-1-ium halides	Misra, Shafalika; Chauhan, Ashok K. S.; Srivastava, Ramesh C.; Butcher, Ray J.; Duthie, Andrew	JOURNAL OF ORGANOMETALLIC CHEMISTRY	AUG 15 2015	2015	791		119	123		<a href="https://doi.org/10.1016/j.jorganc.2015.05.055">https://doi.org/10.1016/j.jorganc.2015.05.055</a>	2	2	<b>4844.5</b>
Line-shapes and broadenings of rotational transitions of (CH <sub>3</sub> Cl)-Cl-35 in collision with He, Ar and Kr	Gupta, V.; Rohart, F.; Margules, L.; Motiyenko, R. A.; Buldyreva, J.	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	AUG 2015	2015	161		85	94		<a href="https://doi.org/10.1016/j.jqsrt.2015.03.032">https://doi.org/10.1016/j.jqsrt.2015.03.032</a>	2		<b>4843.5</b>
Molecular dynamics simulated validation of anti-cancerous alkaloids as Topo II beta inhibitors screened by QSAR, pharmacophore and molecular docking approaches	Singh, Swati; Awasthi, Manika; Pandey, Veda P.; Pandey, Brijesh; Dwivedi, Upendra N.	MEDICINAL CHEMISTRY RESEARCH	JUL 2015	2015	24	7	2972	2985		<a href="https://doi.org/10.1007/s00044-015-1351-7">https://doi.org/10.1007/s00044-015-1351-7</a>	2		<b>4843.5</b>

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Rhythmicity in the emergence of <i>Cercaria tondoni</i> sp., a gymnocephalus cercaria from <i>Lymnea stagnalis</i> (Linnaeus, 1758)	Ray, Shailendra; Agrawal, Nirupama	BIOLOGICAL RHYTHM RESEARCH	MAY 4 2015	2015	46	3	299	305		<a href="https://doi.org/10.1080/09291016.2014.921427">https://doi.org/10.1080/09291016.2014.921427</a>	2	2	<b>4844.5</b>
Titania Prepared by Ball Milling: Its Characterization and Application as Liquefied Petroleum Gas Sensor	Yadav, B. C.; Singh, Satyendra; Yadav, T. P.	SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY	APR 3 2015	2015	45	4	487	494		<a href="https://doi.org/10.1080/15533174.2012.749892">https://doi.org/10.1080/15533174.2012.749892</a>	2	2	<b>4844.5</b>
<i>Bulbophyllum chymangensis</i> (Orchidaceae: Epidendroideae), a new species from Meghalaya, Northeast India	Verma, Durgesh; Lavania, Seshu; Singh, Sushil K.	PHYTOTAXA	JAN 22 2015	2015	195	1	94	97		<a href="https://doi.org/10.11646/phytotaxa.195.1.9">https://doi.org/10.11646/phytotaxa.195.1.9</a>	2	3	<b>4845</b>
BIOCHEMICAL CHARACTERIZATION BASED ON SDS-PAGE ANALYSIS AND CORRELATION AMONG TRAITS IN OPIUM POPPY ( <i>Papaver somniferum</i> L.) GERMPLASM	Verma, Nidhi; Shukla, Sudhir; Yadav, Kusum; Mishra, Brij K.; Rastogi, Anu	GENETIKA-BELGRADE	2015	2015	47	3	1029	1050		<a href="https://doi.org/10.2298/GENSR1503029V">https://doi.org/10.2298/GENSR1503029V</a>	2	2	<b>4844.5</b>
A quantum chemical study of YFri, nano clusters - An investigation of superhalogen properties	Pandey, Anoop Kumar; Srivastava, Ambrish Kumar; Dwivedi, Apoorva	MAIN GROUP CHEMISTRY	2015	2015	14	4	291	299		<a href="https://doi.org/10.3233/MGC-150172">https://doi.org/10.3233/MGC-150172</a>	2		<b>4843.5</b>
CORRELATION AND PATH COEFFICIENT ANALYSIS IN <i>Jatropha curcas</i> L.	Maurya, Ramanuj; Kumar, Umesh; Katiyar, Ratna; Kumar Yadav, Hemant	GENETIKA-BELGRADE	2015	2015	47	1	63	70		<a href="https://doi.org/10.2298/GENSR1501063M">https://doi.org/10.2298/GENSR1501063M</a>	2		<b>4843.5</b>
Structural and optical studies of Fe <sub>2</sub> O <sub>3</sub> doped barium strontium titanate borosilicate glasses	Yadav, Avadhesh Kumar; Gautam, C. R.	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	JAN 2015	2015	53	1	42	48			2		<b>4843.5</b>



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Comparison of optical and photovoltaic properties of ZnO chemically synthesized by using different hydrolyzing agents	Chauhan, Ratna; Kumar, Abhinav; Umarji, Govind G.; Mulik, Uttam P.; Amalnerkar, Dinesh P.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	JAN 2015	2015	19	1	161	168		<a href="https://doi.org/10.1007/s10008-014-2568-y">https://doi.org/10.1007/s10008-014-2568-y</a>	2		4843.5
Spectral Analysis, Chemical Reactivity and First Hyperpolarizability Evaluation of a Novel 1,9-bis(2-Cyano-2-Ethoxycarbonylvinyl)-5-(2-Furyl)-Dipyrromethane: Experimental and Theoretical Approaches	Singh, R. N.; Rawat, P.; Kumar, A.; Kant, P.; Srivastava, A.	SPECTROSCOPY LETTERS	2015	2015	48	4	235	250		<a href="https://doi.org/10.1080/00387010.2013.872669">https://doi.org/10.1080/00387010.2013.872669</a>	2		4843.5
Evaluation of Toxicity Level of Nickel on Growth, Photosynthetic Efficiency, Antioxidative Enzyme, and Its Accumulation in Cauliflower	Shukla, Rajni; Sharma, Yogesh K.; Gopal, Rajeev	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS	DEC 16 2015	2015	46	22	2866	2876		<a href="https://doi.org/10.1080/00103624.2015.1104332">https://doi.org/10.1080/00103624.2015.1104332</a>	1	1	2727
Facile synthesis, structural elucidation and spectral analysis of pyrrole 4-imidazole derivatives	Singh, R. N.; Rawat, Poonam; Baboo, Vikas	JOURNAL OF MOLECULAR STRUCTURE	DEC 15 2015	2015	1102		331	339		<a href="https://doi.org/10.1016/j.molstruc.2015.08.002">https://doi.org/10.1016/j.molstruc.2015.08.002</a>	1	2	2727.5
Electrocatalytic Activity of NixFe3-xO4 (0 <= x <= 1.5) Obtained by Natural Egg Ovalbumin for Alkaline Water Electrolysis	Yadav, Ritu; Jhasaketan; Singh, N. K.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	NOV 2015	2015	10	11	9297	9309			1		2726.5
Investigations into the structural and down-shifting and up-conversion luminescence properties of Ba2Na1-3xErNb5O15 (0 <= x <= 0.06) nanocrystalline phosphor synthesized via sol-gel route	Kundu, Swarup; Bhimireddi, Rajasekhar; Mishra, Kavita; Rai, S. B.; Varma, K. B. R.	MATERIALS RESEARCH EXPRESS	OCT 2015	2015	2	10			105015	<a href="https://doi.org/10.1088/2053-1591/2/10/105015">https://doi.org/10.1088/2053-1591/2/10/105015</a>	1		2726.5
Cissus quadrangularis Linn. Stem Ethanolic Extract Liberates Reactive Oxygen Species and Induces Mitochondria Mediated Apoptosis in KB Cells	Sheikh, Saba; Siddiqui, Sahabjada; Dhasmana, Anupam; Safia; Haque, Ejazul; Kamil, Mohammed; Lohani, Mohtashim; Arshad, Mohammad; Mir, Snober Shabnam	PHARMACOGNOSY MAGAZINE	OCT 2015	2015	11	44	S365	S374		<a href="https://doi.org/10.4103/0973-1296.168972">https://doi.org/10.4103/0973-1296.168972</a>	1		2726.5

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Superhalogen properties of CoOn (n >= 3) species revealed by density functional theory	Srivastava, Ambrish Kumar; Misra, Neeraj	THEORETICAL CHEMISTRY ACCOUNTS	JUL 21 2015	2015	134	8			93	<a href="https://doi.org/10.1007/s00214-015-1696-5">https://doi.org/10.1007/s00214-015-1696-5</a>	1		2726.5
Creeping flow past rotating axi-symmetric isolated body-class of deformed sphere	Srivastava, Deepak Kumar; Yadav, Raja Ram; Yadav, Supriya	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	JUL 2015	2015	37	4	1199	1215		<a href="https://doi.org/10.1007/s40430-014-0239-7">https://doi.org/10.1007/s40430-014-0239-7</a>	1	1	2727
Tuning the oxidation states of Au and exploring new superhalogen anions, AuOxFy- (x, y=1-4; x + y=2-5)	Srivastava, Ambrish Kumar; Misra, Neeraj	CHEMICAL PHYSICS LETTERS	JUN 16 2015	2015	630		106	110		<a href="https://doi.org/10.1016/j.cplett.2015.04.049">https://doi.org/10.1016/j.cplett.2015.04.049</a>	1		2726.5
Prey species modify interactions within two predator conspecific and heterospecific combinations: A case study using two sympatric Coccinella species (Coleoptera: Coccinellidae)	Kumar, Bhupendra; Mishra, Geetanjali; Omkar	JOURNAL OF ASIA-PACIFIC ENTOMOLOGY	JUN 2015	2015	18	2	109	116		<a href="https://doi.org/10.1016/j.aspen.2014.12.013">https://doi.org/10.1016/j.aspen.2014.12.013</a>	1	1	2727
Hirshfeld surface analysis of a Zn(II) polymer	Wang, J.; Wu, X. R.; Wu, W. P.; Liu, J. Q.; Kumar, A.	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	MAY 2015	2015	41	5	321	324		<a href="https://doi.org/10.1134/S1070328415050085">https://doi.org/10.1134/S1070328415050085</a>	1	1	2727
Effect of dust grains on propagation of electromagnetic wave in a cold quantum dusty plasma	Kumar, Punit; Singh, Abhisek Kumar	JOURNAL OF PLASMA PHYSICS	APR 2015	2015	81				4E+08	<a href="https://doi.org/10.1017/S002237781500015X">https://doi.org/10.1017/S002237781500015X</a>	1	1	2727
Development and Validation of a Questionnaire to Evaluate Association of Tobacco Abuse With Oral Submucous Fibrosis	Mehrotra, Divya; Agarwal, Girdhar Gopal; Kumar, Sumit; Shukla, Anand; Asthana, Akash	ASIA-PACIFIC JOURNAL OF PUBLIC HEALTH	MAR 2015	2015	27	2	NP132	NP142		<a href="https://doi.org/10.1177/1010539511426471">https://doi.org/10.1177/1010539511426471</a>	1	2	2727.5

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Histochemical localization of curcumin and its significance in chemotypic characterization of selected species of Curcuma L	Seema, R.; Lavania, Seshu	INDUSTRIAL CROPS AND PRODUCTS	MAR 2015	2015	65		175	179		<a href="https://doi.org/10.1016/j.indcrop.2014.11.038">https://doi.org/10.1016/j.indcrop.2014.11.038</a>	1	4	<b>2728.5</b>
One-dimensional solute transport for uniform and varying pulse type input point source through heterogeneous medium	Kumar, Atul; Yadav, R. R.	ENVIRONMENTAL TECHNOLOGY	FEB 16 2015	2015	36	4	487	495		<a href="https://doi.org/10.1080/09593330.2014.952675">https://doi.org/10.1080/09593330.2014.952675</a>	1	1	<b>2727</b>
High mobility of aluminium in Gomati River Basin: implications to human health	Jigyasu, Dharmendra Kumar; Kuvar, Rohit; Srivastava, Nupur; Singh, Sandeep; Singh, Indra Bir; Singh, Munendra	CURRENT SCIENCE	FEB 10 2015	2015	108	3	434	438			1	3	<b>2728</b>
Treponema pallidum Putative Novel Drug Target Identification and Validation: Rethinking Syphilis Therapeutics with Plant-Derived Terpenoids	Dwivedi, Upendra N.; Tiwari, Sameeksha; Singh, Priyanka; Singh, Swati; Awasthi, Manika; Pandey, Veda P.	OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY	FEB 1 2015	2015	19	2	104	114		<a href="https://doi.org/10.1089/omi.2014.0154">https://doi.org/10.1089/omi.2014.0154</a>	1	1	<b>2727</b>
An Efficient Approach for Improving Website Design	Singh, Brijendra; Singh, Hemant Kumar	2015 FIFTH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS AND NETWORK TECHNOLOGIES (CSNT2015)	2015	2015			945	949		<a href="https://doi.org/10.1109/CSNT.2015.15">https://doi.org/10.1109/CSNT.2015.15</a>	1	1	<b>2727</b>
Feasibility Study of Phragmites karka and Christella dentata Grown in West Bengal as Arsenic Accumulator	Raj, Anshita; Jamil, Sarah; Srivastava, Pankaj Kumar; Tripathi, Rudra Deo; Sharma, Yogesh Kumar; Singh, Nandita	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	2015	2015	17	9	869	878		<a href="https://doi.org/10.1080/015226514.2014.964845">https://doi.org/10.1080/015226514.2014.964845</a>	1	1	<b>2727</b>

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Hydrotelluration of acetylenic esters: structural characterization of stereoisomers of methyl/ethyl beta-(aryltelluro)acrylates	Singh, Bandana; Chauhan, Ashok K. S.; Srivastava, Ramesh C.; Duthie, Andrew; Butcher, R. J.	RSC ADVANCES	2015	2015	5	72	58246	58254		<a href="https://doi.org/10.1039/c5ra07854g">https://doi.org/10.1039/c5ra07854g</a>	1		2726.5
SYNTHESIS, ANTIFUNGAL AND HERBICIDAL ACTIVITY OF 2-ARYL-5-ARYLAMINOIMIDAZO-[2,1-b]-1,3,4-THIADIAZOL-6-ONES AND 2-ARYL-6-METHYL-1,2,4-TRIAZOLO-[5,1-b]-1,3,4-THIADIAZOLES	Kant, Padam; Lohiya, Durgesh Kumar; Flastogi, Nisheeth	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	JAN-MAR 2015	2015	24	3	363	366			1		2726.5
DISTURBANCES IN GROWTH, YIELD, SUCROSE CONCENTRATION AND ANTIOXIDATIVE DEFENSE SYSTEM BY EXCESS COBALT IN SUGARCANE	Sinha, Pratima; Chatterjee, C.	JOURNAL OF PLANT NUTRITION	2015	2015	38	4	541	550		<a href="https://doi.org/10.1080/01904167.2014.939284">https://doi.org/10.1080/01904167.2014.939284</a>	1		2726.5
GLUCOCORTICOID-INDUCED OSTEOPOROSIS SETBACK BY CLADONIA FURCATA METABOLITES IN COMBINATION WITH PROBIOTIC LACTOBACILLUS CASEI: A COMPARATIVE STUDY WITH IBANDRONATE	Azmi, L.; Shukla, I.; Gupta, S. Sundar; Kant, P.; Rao, C. V.	OSTEOPOROSIS INTERNATIONAL	DEC 2015	2015	26		S463	S464			0		609.5
Predator-Prey Interactions in Selected Slow and Fast Developing Females of a Ladybird, Propylea Dissecta	Siddiqui, Arshi; Omkar; Mishra, Geetanjali	JOURNAL OF EXPERIMENTAL ZOOLOGY PART A- ECOLOGICAL AND INTEGRATIVE PHYSIOLOGY	DEC 1 2015	2015	323	10	745	756		<a href="https://doi.org/10.1002/jez.1968">https://doi.org/10.1002/jez.1968</a>	0		609.5
An unusual conformational change in the folded trimethylene/leonard linker pyrazolo[3,4-d]pyrimidine analogue of the theophylline compound due to structural changes	Avasthi, K.; Kant, Ruchir; Aswal, S.; Tewari, A. K.; Yadav, U.; Misra, U. D.; Maulik, P. R.	JOURNAL OF STRUCTURAL CHEMISTRY	DEC 2015	2015	56	7	1437	1440		<a href="https://doi.org/10.1134/S0022476615070306">https://doi.org/10.1134/S0022476615070306</a>	0		609.5
Quantum chemical investigation on structures and energetics of Tungsten Fluoride (WF <sub>n</sub> ) species (q=0, +/- 1; n < 6)	Srivastava, Ambrish Kumar; Pandey, Anoop Kumar; Misra, Neeraj	JOURNAL OF CHEMICAL SCIENCES	OCT 2015	2015	127	10	1853	1858		<a href="https://doi.org/10.1007/s12039-015-0943-6">https://doi.org/10.1007/s12039-015-0943-6</a>	0		609.5

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Syntheses, luminescence, and hirshfeld surface analyses of three lanthanide coordination polymers directed by flexible carboxylate ligand	Lu, L.; Wang, J.; Ma, A. Q.; Wu, W. P.; Xie, B.; Wu, Y.; Kumar, A.	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	OCT 2015	2015	41	10	673	680		<a href="https://doi.org/10.1134/S107032841510005X">https://doi.org/10.1134/S107032841510005X</a>	0		609.5
Bird eyes distinguish summer from winter: Retinal response to acute photoperiod change in the night-migratory redheaded bunting	Majumdar, Gaurav; Yadav, Garima; Rani, Sangeeta; Kumar, Vinod	JOURNAL OF CHEMICAL NEUROANATOMY	OCT 2015	2015	68		55	60		<a href="https://doi.org/10.1016/j.jchemneu.2015.07.006">https://doi.org/10.1016/j.jchemneu.2015.07.006</a>	0		609.5
Thermionic and photoelectric emission of electrons from positively charged particles in a plasma with Debye shielding	Sodha, Mahendra Singh; Mishra, Rashmi; Srivastava, Sweta; Mishra, Sanjay Kumar	PHYSICS OF PLASMAS	SEP 2015	2015	22	9			93704	<a href="https://doi.org/10.1063/1.4930269">https://doi.org/10.1063/1.4930269</a>	0		609.5
Insights into the crystal structure of a polyoxomolybdate(VI) anion stabilized by ammonium cation: Inputs from X-ray diffraction and Hirshfeld surface analysis	Wu, X. R.; Ma, A. Q.; Wang, F. M.; Liu, J. Q.; Kumar, A.	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	SEP 2015	2015	41	9	624	628		<a href="https://doi.org/10.1134/S1070328415090079">https://doi.org/10.1134/S1070328415090079</a>	0		609.5
Piezoelectric Nanoparticle Suspension by Dielectric Anisotropy	Singh, Satyendra P.; Chandel, Vishal Singh; Pandey, Kamal K.; Manohar, Rajiv	ADVANCED SCIENCE LETTERS	SEP 2015	2015	21	9	2879	2883		<a href="https://doi.org/10.1166/asl.2015.6357">https://doi.org/10.1166/asl.2015.6357</a>	0		609.5
Assessing seasonal variation of fluoride in groundwater for irrigation uses through hydro-geochemical and multivariate statistical approach	Jha, S. K.; Nayak, A. K.; Sharma, Y. K.; Sharma, D. K.; Mishra, V. K.	TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY	AUG 9 2015	2015	97	7	868	887		<a href="https://doi.org/10.1080/02772248.2015.1070532">https://doi.org/10.1080/02772248.2015.1070532</a>	0		609.5
Spectroscopic and quantum chemical analysis of a natural product - Hayatin hydrochloride	Mishra, Rashmi; Srivastava, Anubha; Tandon, Poonam; Jain, Sudha	JOURNAL OF MOLECULAR STRUCTURE	AUG 5 2015	2015	1093		101	112		<a href="https://doi.org/10.1016/j.molstruc.2015.03.032">https://doi.org/10.1016/j.molstruc.2015.03.032</a>	0		609.5
Synthesis, characterization, and antimicrobial evaluation of novel spiropiperidones	Tiwari, Anil K.; Bishnoi, Abha; Verma, Anil Kumar; Fatma, Shaheen; Srivastava, Krishna; Tripathi, Chandrakant M.; Banerjee, Bikram	HETEROCYCLIC COMMUNICATIONS	AUG 2015	2015	21	4	239	243		<a href="https://doi.org/10.1515/hc-2015-0075">https://doi.org/10.1515/hc-2015-0075</a>	0		609.5

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SYNTHESIS OF 5-ARYL-2-ARYLAMINO-5(H)-THIAZOLO-[4, 3-b]-1, 3, 4-THIADIAZOLES AND 1, 5-DIARYL-5(H)-2-MERCAPTOTHIAZOLO-[3, 4-b]-1, 2, 4-TRIAZOLES AND THEIR ANTIFUNGAL AND HERBICIDAL ACTIVITY	Kant, Padam; Lohiya, Durgesh Kumar; Rastogi, Nisheeth	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	JUL-SEP 2015	2015	25	1	91	96			0		609.5
Origin of Pseudotachylytes Based on Clasts Size Frequency Distribution in Bundelkhand Craton, Central India	Deb, Tanwita; Bhattacharyya, Tapas; Matin, Abdul; Sensarma, Sarajit	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAY 2015	2015	85	5	551	556		<a href="https://doi.org/10.1007/s12594-015-0249-9">https://doi.org/10.1007/s12594-015-0249-9</a>	0		609.5
Climate Change: Past Present and Future	Sen Singh, Dhruv	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	MAY 2015	2015	85	5	635	635			0		609.5
Facile Telluration of Prochiral Ketones with Aryltellurium Trichlorides and Bromides	Khan, Mariya; Misra, Shafalika; Kumar, Arun; Srivastava, Ramesh C.; Chauhan, Ashok K. S.	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	APR 3 2015	2015	190	4	537	549		<a href="https://doi.org/10.1080/10426507.2014.965820">https://doi.org/10.1080/10426507.2014.965820</a>	0		609.5
SYSTEMIC ANTIVIRAL RESISTANCE INDUCED IN PAPAYA BY CAP-34, A RESISTANCE INDUCING PROTEIN FROM CLERODENDRUM ACULEATUM, IS ASSOCIATED WITH A PROTEINACEOUS VIRUS INHIBITORY ACTIVITY	Srivastava, A.; Srivastava, S.; Prasad, V.	JOURNAL OF PLANT PATHOLOGY	MAR 2015	2015	97	1	45	54			0	1	610
Comparative study of the catalytic effect of Ag(I) and Hg(II) on the exchange of cyanide by 4-cyanopyridine in hexacyanoferrate(II): a kinetic approach	Naik, Radhey M.; Asthana, Abhas; Yadav, Shiv B. Singh	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	MAR 2015	2015	12	3	519	528		<a href="https://doi.org/10.1007/s13738-014-0509-4">https://doi.org/10.1007/s13738-014-0509-4</a>	0		609.5
Haplomitrium Hookeri (Sm.) Nees: A Rare Species New to Kumaon Hills (Uttarakhand), Western Himalaya	Asthana, Geeta; Saxena, Murti	NATIONAL ACADEMY SCIENCE LETTERS-INDIA	FEB 2015	2015	38	1	71	74		<a href="https://doi.org/10.1007/s40009-014-0287-7">https://doi.org/10.1007/s40009-014-0287-7</a>	0		609.5
Categorizing Sentence Structures for Phrase Level Morphological Analyzer for English to Hindi RBMT	Shukla, Seema; Sinha, Usha	2015 INTERNATIONAL CONFERENCE ON COGNITIVE COMPUTING AND INFORMATION PROCESSING (CCIP)	2015	2015							0		609.5

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Civil Society Engagement for Sustainable Management of Sanitation Scenario in India	Kaushal, Nandita	PROCEEDINGS OF 2015 INTERNATIONAL CONFERENCE ON PUBLIC ADMINISTRATION (11TH) VOL I	2015	2015			115	129			0		609.5
Neutrinoless Double-beta Decay and Nuclear Transition Matrix Elements	Rath, P. K.	WORKSHOP ON CALCULATION OF DOUBLE-BETA-DECAY MATRIX ELEMENTS (MEDEX15)	2015	2015	1686				20019	<a href="https://doi.org/10.1063/1.4934908">https://doi.org/10.1063/1.4934908</a>	0		609.5
Investigation of Photoresponse in Cadmium Sulfide Nanoparticles	Mishra, Sheo K.; Tripathi, Akhilesh; Srivastava, Rajneesh K.; Dubey, K. C.; Shukla, R. K.	PROCEEDINGS OF THE 59TH DAE SOLID STATE PHYSICS SYMPOSIUM 2014 (SOLID STATE PHYSICS)	2015	2015	1665				110034	<a href="https://doi.org/10.1063/1.4918090">https://doi.org/10.1063/1.4918090</a>	0		609.5
Structural and Optical Properties of Sn <sub>1-x</sub> MnxO <sub>2</sub> Thin Films	Tripathi, Akhilesh; Mishra, Sheo K.; Shukla, R. K.	PROCEEDINGS OF THE 59TH DAE SOLID STATE PHYSICS SYMPOSIUM 2014 (SOLID STATE PHYSICS)	2015	2015	1665				80073	<a href="https://doi.org/10.1063/1.4917977">https://doi.org/10.1063/1.4917977</a>	0		609.5
Practical utility of cognitive behavioural therapy in fibromyalgia patients	Alok, R.; Das, S. K.; Agarwal, G. G.; Salwahan, L.; Srivastava, R.; Asthana, A.	CLINICAL AND EXPERIMENTAL RHEUMATOLOGY	JAN-FEB 2015	2015	33	1	S143	S143			0		609.5