

**LIST OF PAPERS PUBLISHED IN SCI JOURNALS DURING 1 JAN. To 31 Dec. 2015**

S.No.	Author(s)	Title of paper	Journal	Vol.No.; Issue No; Pgs; Year	IF
1	Abe, H; Yoshikawa, H; Umezawa, N; Xu, Y; <b>Saravanan, G</b> ; Ramesh, GV; Tanabe, T; Kodyath, R; Ueda, S; Sekido, N; Yamabe-Mitarai, Y; Shimoda, M; Ohno, T; Matsumoto, F; Komatsu, T	Correlation between the surface electronic structure and CO-oxidation activity of Pt alloys	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Volume: 17 Issue: 7 Pages: 4879-4887	<b>4.493</b>
2	Aula, Sangeetha; Lakkireddy, Samyukta; Jamil, Kaiser; <b>Kapley, Atya</b> ; Swamy, AVN; Lakkireddy, Harivardhan Reddy	Biophysical, biopharmaceutical and toxicological significance of biomedical nanoparticles	RSC ADVANCES	Volume: 5 Issue: 59 Pages: 47830-47859	<b>3.84</b>
3	Bafana, A ; Chakrabarti, T ; Krishnamurthi, K	Mercuric reductase activity of multiple heavy metal-resistant <i>Lysinibacillus sphaericus</i> G1	JOURNAL OF BASIC MICROBIOLOGY	Vol 55 (3), 285-	1.823
4	Bafana, Amit; G Kumar, SM Kashyap, GS Kanade, VM Shinde	Dynamics of effluent treatment plant during commissioning of activated sludge process unit	Environmental Science and Pollution Research	Vol 22 (5): pp 3538-3546 (2015)	2.828
5	Bapat, Prachi R.; Satav, Ashish R.; Husain, Aliabbas A.; Shekhawat, Seema D.; Kawle, Anuja P. ; Chu, Justin J.; Purohit, Hemant J.; Dagainawala, Hatim F.; Taori, Girdhar M.; Kashyap, Kashyap, Rajpal S.	Differential Levels of Alpha-2-Macroglobulin, Haptoglobin and Sero-Transferrin as Adjunct Markers for TB Diagnosis and Disease Progression in the Malnourished Tribal Population of Melghat, India	PLOS ONE	Volume: 10 Issue: 8 Article Number: e0133928	3.234
6	Benjamin, Sailas; Pradeep, Selvanesan; Josh, Moolakkariyil Sarath; Kumar, Sunil; Masai, Eiji)	A monograph on the remediation of hazardous phthalates	JOURNAL OF HAZARDOUS WASTE MANAGEMENT	Volume: 298 Pages: 58-72	4.529

7	Bhange, V P; SPM. Prince William, Abhinav Sharma Jagdish Ghabane , Atul N. Vaidya , Satish R. Wate	Pretreatment of garden biomass using Fenton's reagent: Influence of Fe <sup>2+</sup> and H <sub>2</sub> O <sub>2</sub> concentrations on lignocellulose degradation	Journal of Environmental Health Science and Engineering	Vol 13	0.5
8	Bhardwaj, P ; Sharma, A ; Sagarkar, S ; Kapley, A	Mapping atrazine and phenol degradation genes in Pseudomonas sp EGD-AKN5	BIOCHEMICAL ENGINEERING JOURNAL	<b>Volume:</b> 102, 125-134	2.467
9	Bhargav, K.K; Ram, S; Labhsetwar, N; Majumder, S. B	Correlation of carbon monoxide sensing and catalytic activity of pure and cation doped lanthanum iron oxide nano-crystals	SENSORS AND ACTUATORS B-CHEMICAL	V. 206(Jan.); p. 389-398; 2015	4.097
10	Boadh, R ; Satyanarayana, ANV ; Krishna, TVBPSR ; Madala, S	Sensitivity of PBL parameterization schemes of Weather Research Forecasting Model and coupling with AERMOD in the dispersion of NO <sub>x</sub> over Visakhapatnam (India)	ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING	Vol 10(3), 356-368	0.789
11	Chand, Piar; Bafana, Amit; Pakade, Yogesh B.	Xanthate modified apple pomace as an adsorbent for removal of Cd (II), Ni (II) and Pb (II), and its application to real industrial wastewater	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	Volume: 97 Pages: 60-66 Published: JAN-FEB 2015	2.131
12	Chandra, T. Sarat; Mudliar, S. N.; Vidyashankar, S.; et al.	Defatted algal biomass as a non-conventional low-cost adsorbent: Surface characterization and methylene blue adsorption characteristics	BIORESOURCE TECHNOLOGY	Volume: 184 Pages: 395-404 Published: MAY 2015	4.493
13	Chandrashekhar, B ; Sahu, N ; Tabassum, H ; Pai, P; Morone, A; Pandey, R.A	Treatment of ferrous-NTA-based NO <sub>x</sub> scrubber solution by an up-flow anaerobic packed bed bioreactor	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	99 ,5281-5293	3.337
14	Chauhan, Deepak; Kumar, Pawan; Joshi, Chetan; <b>Labhsetwar, Nitin</b> ; Ganguly, Sudip K.; Jain, Suman L.	Photo-assisted oxidation of thiols to disulfides using cobalt "Nanorust" under visible light	NEW JOURNAL OF CHEMISTRY	Volume: 39 Issue: 8 Pages: 6193-6200	3.086

15	Chaudhuri, Sutapa; Das D, Middey A.,	An investigation on the predictability of thunderstorms over Kolkata, India using fuzzy inference system and graph connectivity	Natural Hazards. 2015.	Vol 76(1) pp 63-81	1.719
16	Chaudhuri, Sutapa; Khan F., Pal J, Goswami S., Middey A.	An investigation on the evolution process of thunderstorms over a metropolis of India using DWR Max_Z products and genetic algorithm”.	Meteorology and Atmospheric Physics 2015.	Vol 127(1), 75–93	1.049
17	Chaudhuri, Sutapa; Goswami S., Middey A., Das D., Chowdhary S.,	Predictability of landfall location and surge height of tropical cyclones over North Indian Ocean (NIO)	Natural Hazards.	2015, Vol 75(2):1369–1388.	1.719
18	Chelani, Asha B	Nearest neighbour based forecast model for PM10 forecasting: Individual and combination forecasting	Aerosol and Air Quality Research,	15: 1130–1136, 2015	2.094
19	Chelani, Asha B	Exceedance Analysis of PM10 Concentration in Central Indian City: Predicting Gap between Two Exceedances	AEROSOL AND AIR QUALITY RESEARCH	15(5), Pages: 2158-2167	2.094
20	Daiwile, AP ; Sivanesan, S ; Izzotti, A ; Bafana, A ; Naoghare, PK ; Arrigo, P ; Purohit, HJ ; Parmar, D ; Kannan, K	Noncoding RNAs: Possible Players in the Development of Fluorosis	BIOMED RESEARCH INTERNATIONAL	Article Number: 274852	1.579
21	Daiwile, Atul; Pravin K. Naoghare, Manisha D. Giripunje, P.D. Prasada Rao, Tarun K. Ghosh, Kannan Krishnamurthi, Chibuisi Alimba, Saravanadevi Sivanesan	Correlation of melanophore index with a battery of functional genomic stress indicators for measurement of environmental stress in aquatic ecosystem	Environmental Toxicology and Pharmacology	39(2):489-495. doi: 10.1016/j.etap.2014.12.006.	2.084

22	Deshmukh, S; Bandyopadhyay, R ; Bhattacharyya, N ; Pandey, RA ; Jana, A	Application of electronic nose for industrial odors and gaseous emissions measurement and monitoring - An overview	TALANTA	144, Pages: 329-340	3.545
23	Dhande, Leena; Khairnar, Krishna	Re-emergence of Swine flu in Central India, 2014	INDIAN PEDIATRICS	Volume: 52 Issue: 1 Pages: 77-77 Published: JAN 2015	1.014
24	Fulke, Abhay B.; <b>Krishnamurthi, K;</b> Giripunje, Manisha D.; <b>Devi, S Saravana;</b> Chakrabarti, Tapan)	Biosequestration of carbon dioxide, biomass, calorific value and biodiesel precursors production using a novel flask culture photobioreactor	BIOMASS & BIOENERGY	Volume: 72 Pages: 136-142	3.394
25	Gabhane, Jagdish; William, SPM Prince; Vaidya, Atul N.; Das, Sera; Wate, Satish R.	Solar assisted alkali pretreatment of garden biomass: Effects on lignocellulose degradation, enzymatic hydrolysis, crystallinity and ultra-structural changes in lignocellulose	WASTE MANAGEMENT	Volume: 40 Pages: 92-99	3.22
26	Gandhi, Deepa; Tarale, Prashant; Naoghare, Pravin K; Bafana, Amit; Krishnamurthi, Kannan; Arrigo, Patrizio; Saravanadevi, Sivanesan	An integrated genomic and proteomic approach to identify signatures of endosulfan exposure in hepatocellular carcinoma cells.	Pesticide biochemistry and physiology	125, Pages: 8-16	2.014
27	Gautam, Ravindra Kumar; Gautam, Pavan Kumar; Banerjee, Sushmita; et al.	Removal of Ni(II) by magnetic nanoparticles	JOURNAL OF MOLECULAR LIQUIDS	Volume: 204 Pages: 60-69 Published: APR 2015	2.515
28	Gautam, Ravindra Kumar; Rawat, Vandani; Banerjee, Sushmita; Sanroman, Angeles Sanroman, Maria; Soni, Shivani; Singh, Sanjeev K.; Chattopadhyaya, Mahesh Chandra	Synthesis of bimetallic Fe-Zn nanoparticles and its application towards adsorptive removal of carcinogenic dye malachite green and Congo red in water	JOURNAL OF MOLECULAR LIQUIDS	Volume: 212 Pages: 227-236	2.515
29	Gawande, SB; Gawande, KB; Thakare, SR ; <b>Manwar, NR ;</b> Mate, VR	Photocatalytic degradation of phenol over novel rod shaped Graphene@BiPO4 nanocomposite	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	<b>Volume: 85,</b> 132-137	1.853

30	Gedam,Nitin; Nageswara Rao Neti, Martin Kormunda, Jan Subrt, Snejana Bakardjieva	Novel Lead dioxide-Graphite- Polymer composite anode for electrochemical chlorine generation	Electrochimica Acta	169 (2015) 109-	4.504
31	Giri, BS ; Goswami, M ; Pandey, RA ; Kim, KH	Kinetics and biofiltration of dimethyl sulfide emitted from P&P industry	BIOCHEMICAL ENGINEERING JOURNAL	102, 108-114	2.467
32	Giripunje, MD ; Fulke, AB ; Meshram, PU	Remediation Techniques for Heavy-Metals Contamination in Lakes: A Mini-Review	CLEAN-SOIL AIR WATER	43(9), Pages: 1350-1354	1.945
33	Goel, M. D.	Numerical investigation of the axial impact loading behaviour of single, double and stiffened circular tubes	International Journal of Crashworthiness	DOI: 10.1080/13588 265.2015.1113 617	0.569
34	Goel, Manmohan Dass	Deformation, energy absorption and crushing behavior of single-, double- and multi-wall foam filled square and circular tubes	THIN-WALLED STRUCTURES	Volume: 90 P ages: 1- 11 Published: MAY 2015	1.749
35	Goel, Manmohan Dass; Matsagar, Vasant; Parameswaran, Venkitanarayanan; Mondal, Dehi Pada	Low, Medium and High Strain Rate Characteristics of Cenosphere Aluminum Syntactic Foam for Blast and Impact Applications	RESPONSE OF STRUCTURES UNDER EXTREME LOADING	Pages: 52-58	
36	Gour, Darshana G.; Krupadam, Reddithota J.	Molecularly imprinted polymer for detection of endocrine disrupting chemical epinephrine in drinking water and biological buffers	INDIAN JOURNAL OF CHEMISTRY SECTION A- INORGANIC BIO- INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	Volume: 54 Is sue: 8 Pages: 1051- 1056 Volume: 54 Issue: 8 Pages: 1051- 1056	0.851
37	Gunji, Takao;Toyokazu Tanabe, Arockiam John Jeevagan, Sho Usui, Takashi Tsuda, Shingo Kaneko, Govindachetty Saravanan, Hideki Abe, Futoshi Matsumoto	Facile Route for the Preparation of Ordered Intermetallic Pt <sub>3</sub> Pb-PtPb Core- Shell Nanoparticles and Its Enhanced Activity for Alkaline Methanol and Ethanol Oxidation	J. Power Sources	273, 990-998	6.217

38	Gunji, Takao; Tanabe, Toyokazu; <b>Saravanan, Govindachetty</b> ; Kaneko, Shingo; Yoshikawa, Hideki; Matsushita, Yoshitaka; Sekido, Nobuaki; Xu, Ya; Ueda, Shigenori; Abe, Hideki; Matsumoto, Futoshi	Enhanced Activity for Oxygen Reduction Reactions by Carbon-supported High-index facet Pt-Ti Nanoparticles	ELECTROCHEMISTRY	Volume: 83 Issue: 1 Pages: 7-11	1.033
39	Gupta, S ; Saratchandra, T ; Malik, S ; Sharma, A ; Lokhande, S ; Waindeskar, V ; Mudliar, S	Ozone-Induced Biodegradability Enhancement and Color Reduction of a Complex Pharmaceutical Effluent	OZONE-SCIENCE & ENGINEERING	37 (6), Pages : 538-545	0.953
40	Gupta, S ; Sharma, ; Saratchandra, T ; Malik, S ; Waindeskar, V ; Mudliar, S	Effect of Ozone Pretreatment on Biodegradability Enhancement and Biogas Generation Potential From Biomethanated Distillery Effluent	OZONE-SCIENCE & ENGINEERING	37(5), Pages: 411-419	0.953
41	Hatwar, LR ; Wankhede, SP ; Moharil, SV ; Muthal, PL ; Dhopte, SM	Luminescence and energy transfer in Ce <sup>3+</sup> , Mn <sup>2+</sup> -doped K <sub>2</sub> AEP(2)O(7) (AE = Ca, Sr) phosphor	LUMINESCENCE	30(6), Pages: 904-909	1.518
42	Hatwar, LR ; Wankhede, SP ; Moharil, SV ; Muthal, PL ; Dhopte, SM	Luminescence in Li <sub>2</sub> BaP <sub>2</sub> O <sub>7</sub>	LUMINESCENCE	30(6), Pages: 714-718	1.518
43	Jangam, Chandrakant; Ramya Sanam, S; Chaturvedi, M K; Padmakar, C; Pujari, Paras R; Labhasetwar, Pawan K	Impact assessment of on-site sanitation system on groundwater quality in alluvial settings: A case study from Lucknow city in North India.	Environmental Monitoring and Assessment	<b>Volume:</b> 187 (10), 4797	1.679
44	Juwarkar, AA ; Singh, L ; Singh, SK ; Jambhulkar, HP ; Thawale, PR ; Kanfade, H	Natural vs. reclaimed forests - a case study of successional change, reclamation technique and phytodiversity	INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT	Volume: 29 (6), Pages: 476-498	0.562

45	Kapley, Atya; Liu, Ruyin; Jadeja, Niti B.; et al.	Shifts in Microbial Community and Its Correlation with Degradative Efficiency in a Wastewater Treatment Plant	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	Volume: 176   Issue: 8   Pages: 2131-2143	1.735
46	Keogh, MB ; Castro-Alferez, M ; Polo-Lopez, MI ; Calderero, IF ; Al-Eryani, YA ; Joseph-Titus, ; Sawant, B ; Dhodapkar, R ; Mathur, C ; McGuigan, KG G. et al.	Capability of 19-L polycarbonate plastic water cooler containers for efficient solar water disinfection (SODIS): Field case studies in India, Bahrain and Spain	SOLAR ENERGY	116, 1-11	3.469
47	Khadse, GK ; Vijay, R ; Labhassetwar, PK	Prioritization of catchments based on soil erosion using remote sensing and GIS	ENVIRONMENTAL MONITORING AND ASSESSMENT	187	1.679
48	Khan, Muntazir S.; Pal, Sourav; Krupadam, Reddithota J.	Computational strategies for understanding the nature of interaction in dioxin imprinted nanoporous trappers	JOURNAL OF MOLECULAR RECOGNITION	Volume: 28   Issue: 7   Pages: 427-437	2.151
49	Khedkar, S.; Shanker, R.	Isolation and classification of a soil actinomycete capable of sulphur-specific biotransformation of dibenzothiophene, benzothiophene and thianthrene	Journal of Applied Microbiology	V. 118; No. 1(Jan.); p. 62-74; 2015	2.479
50	Khot, Kalpesh M.; Heer, Parminder Kaur K. S.; Biniwale, Rajesh B.; et al.	Pulse Chromatographic Studies of Adsorption of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> Using Amine Functionalized Polystyrene Adsorbents	SEPARATION SCIENCE AND TECHNOLOGY	Volume: 50   Issue: 5   Pages: 718-728   Published: MAR 24 2015	1.171
51	Kumar, Pawan; Bansiwala, Amit; Labhsetwar, Nitin; Jain, Suman L.	Visible light assisted photocatalytic reduction of CO <sub>2</sub> using a graphene oxide supported heteroleptic ruthenium complex	GREEN CHEMISTRY	Volume: 17   Issue: 3   Pages: 1605-1609	8.02

52	Kumar, Pawan; Joshi, Chetan; Labhsetwar, Nitin; Boukherroub, Rabah; Jain, Suman L.	A novel Ru/TiO <sub>2</sub> hybrid nanocomposite catalyzed photoreduction of CO <sub>2</sub> to methanol under visible light	NANOSCALE	Volume: 7 Issue: 37 Pages: 15258-15267	7.394
53	Kumar, Rajesh; Das, Amar Jyoti; Juwarkar, Asha A.	Reclamation of petrol oil contaminated soil by rhamnolipids producing PGPR strains for growing <i>Withania somnifera</i> a medicinal shrub	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	Volume: 31 Issue: 2 Pages: 307-313 Published: FEB 2015	1.779
54	Kumar, Sunil; Dhar, H ; Bhattacharyya, JK; Vaidya, AN; Vidyadharan, V.; Akolkar, AB	Assessment of municipal solid waste management system in the hilly regions of India	WASTE MANAGEMENT	Volume: 42 Pages: I-II	3.22
55	Kumar, Sunil; Hettiaratchi, Patrick; Ashwath, Nanjappa; Gikas, Petros	Toxicity of Environmental Contaminants	BIOMED RESEARCH INTERNATIONAL	Article Number: 702439	1.579
56	Labhasetwar, Nitin; Saravanan, G; Megarajan, Suresh Kumar; Manwar, Nilesh; Khobragade, Rohini; Doggali, Pradeep; Grasset, Fabien	Perovskite-type catalytic materials for environmental applications	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS	Volume: 16 Issue: 3 Article Number: 036002	3.513
57	Lakkireddy, Samyuktha; Aula, Sangeetha; Swamy, AVN; Kapley, Atya; Digumarti, Raghunadha Rao; Jamil, Kaiser	Association of The Common CYP1A1(star)2C Variant (Ile462Val Polymorphism) with Chronic Myeloid Leukemia (CML) in Patients Undergoing Imatinib Therapy	CELL JOURNAL	Volume: 17 Issue: 3 Pages: 510-519	1.105
58	Lokhande, Suchita; Pradeep Doggali, Sadhana Rayalu, Sukumar Devotta, Nitin Labhsetwar	High Catalytic activity of pt-pd containing USY zeolite catalyst for low temperature CO oxidation from industrial off gases	Atmospheric pollution Research	6 (2015) 589-595	1.371
59	Maharana, Dushmanth Zesheng Xu, Junfeng Niu, Neti Nageswara Rao	Electrochemical oxidation of 2,4,5-trichlorophenoxyacetic acid by metal-oxide-coated Ti electrodes	Chemosphere	136 (2015) 145-	3.34
60	Maharana, Dushmanth; J. Niu, N. N. Rao, Z. Xu, and J. Shi,	Electrochemical Degradation of Triclosan at a Ti/SnO <sub>2</sub> -Sb/Ce-PbO <sub>2</sub> Anode	Clean – Soil, Air, Water 2015	42 (6), 958–966	1.945



61	Majumdar, D ; Rao, PS ; Chakraborty, BD ; Srivastava, A	Effects of unregulated anthropogenic activities on mixing ratios of volatile organic air pollutants-A case study	JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION	Volume: 65, Issue 9 Pages 1094-1103	1.342
62	Malviya, N.; Gupta, S.; Singh, V. K.; et al.	Genome wide in silico characterization of Dof gene families of pigeonpea ( <i>Cajanus cajan</i> (L) Millsp.)	MOLECULAR BIOLOGY REPORTS	Volume: 42 Issue: 2 Pages: 535-552 Published : FEB 2015	2.024
63	Matawle, Jeevan Lal; Shamsh Pervez, Shippi Dewangan, Anjali Shrivastava, Suresh Tiwari, Pallavi Pant, Manas Kanti Deb, Yasmeen Pervez	Characterization of PM <sub>2.5</sub> Source Profiles for Traffic and Dust Sources in Raipur, India	Aerosol and Air Quality Research	Volume 15, No 7, Pages 2537-2548	2.094
64	Mathew, Jincy; Goyal, Radha; Taneja, K. K.; et al.	Air pollution and respiratory health of school children in industrial, commercial and residential areas of Delhi	AIR QUALITY ATMOSPHERE AND HEALTH	Volume: 8 Issue: 4 Pages: 421-427	1.804
65	Megajan, Suresh Kumar; Sadhana Rayalu, Maiko Nishibori, Nitin Labhsetwar	Improved catalytic activity of prMO3 (M=Co and Fe) Perovskites of thermally stable nanoparticles by a novel hydrothermal method	New Journal of Chemistry RSC	39(3),2015 pages 2342-2348	3.086
66	Megrajan, Suresh Kumar; S. Rayalu; M. Nishibori; Y. Teraoka and N. K. Labhsetwar	Effects of surface and bulk silver on PrMnO <sub>3+x</sub> perovskite for CO and soot oxidation:Experimental evidences for the state of silver	ACS Catal., 2015,	5(1), pp 301-309 , 2015	9.312
67	Minami, Y ; Sarangi, B K ; Thul, S T	Transcriptome analysis for identification of indigo biosynthesis pathway genes in <i>Polygonum tinctorium</i>	Biologia	70(8), Pages: 1026-103.	0.827
68	Misra, Rohit; Neti, Nageswara Nao; Dionysiou, Dionysios D.; et al.	Novel integrated carbon particle based three dimensional anodes for the electrochemical degradation of reactive dyes	RSC ADVANCES	Volume: 5 Issue: 14 Pages: 10799-10808 Published: 2015	3.84

69	Morone, Amruta; Mayura Apte, R.A. Pandey	Levulinic acid production from renewable waste resources: Bottlenecks, potential remedies, advancements and applications	Renewable and Sustainable Energy Reviews	51, 548–565 (2015)	5.901
70	Mumtaz, Neha; Pandey, Govind; Labhsetwar, Pawan Kumar	Global Fluoride Occurrence, Available Technologies for Fluoride Removal, and Electrolytic Defluoridation: A Review	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	Volume: 45 Issue: 21 Pages: 2357-2389	3.468
71	Mungse, Pallavi; Saravanan, G; Rayalu, Sadhana; Labhsetwar, Nitin	Mixed Oxides of Iron and Manganese as Potential Low-Cost Oxygen Carriers for Chemical Looping Combustion	ENERGY TECHNOLOGY	Volume: 3 Issue: 8 Pages: 856-865	2.824
72	Nagdev, Khushboo J.; Bhagchandani, Sharda P.; Bhullar, Shradha S.; et al.	Rapid Diagnosis and Simultaneous Identification of Tuberculous and Bacterial Meningitis by a Newly Developed Duplex Polymerase Chain Reaction	INDIAN JOURNAL OF MICROBIOLOGY	Volume: 55 Issue: 2 Pages: 213-218 Published : JUN 2015	0.899
73	Nagdev, KJ ; Kashyap, RS ; Bhullar, SS ; Purohit, HJ ; Taori, GM ; Dagainawala, HF	Comparison of real-time PCR and conventional PCR assay using IS6110 region of Mycobacterium tuberculosis for efficient diagnosis of tuberculous meningitis and pulmonary tuberculosis	INDIAN JOURNAL OF BIOTECHNOLOGY	14(1), 94-100	0.386
74	Nanekar, S; Dhote, M.; Kashyap, S; Singh, S. K; Juwarkar, A. A	Microbe assisted phytoremediation of oil sludge and role of amendments: a mesocosm study	International Journal of Environmental Science and Technology	V. 12; No.1(Jan); p. 193-202; 2015	2.19
75	Nayak, AR ; Lande, NH ; Kawle, AP ; Kabra, DP ; Chandak, NH; Purohit, HJ ; Taori, GM ; Dagainawala, HF ; Kashyap, RS	Evaluation of peptide-based approach for estimation of NSE and S-100 beta beta towards the development of a cost-effective test for prognosis of AIS patients	CURRENT SCIENCE	109(8), Pages: 1466-1470	0.926

76	Nousiainen, Aura O.; Bjorklof, Katarina; Sagarkar, Sneha; Nielsen, Jeppe Lund; Kapley, Atya; Jorgensen, Kirsten S.	Bioremediation strategies for removal of residual atrazine in the boreal groundwater zone	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	Volume: 99 Issue: 23 Pages: 10249-10259	3.337
77	Onwudiwe, Damian, C.; Tanvir Arfin, Christien A. Strydom,	Surfactant mediated synthesis of ZnO nanospheres at elevated temperature, and their dielectric properties	Superlattices and Microstructures	81 (2015), pp 215-225	2.097
78	Pal, Rajesh R.; Khardenavis, Anshuman A.; Purohit, Hemant J.	Identification and monitoring of nitrification and denitrification genes in Klebsiella pneumoniae EGD-HP19-C for its ability to perform heterotrophic nitrification and aerobic denitrification	FUNCTIONAL & INTEGRATIVE GENOMICS	Volume: 15 Issue: 1 Pages: 63-76 Published: JAN 2015	2.479
79	Patidar, SK ; Mishra, SK ; Bhattacharya, S ; Ghosh, T ; Paliwal, C ; Goel, S ; Mishra, S	Naturally floating microalgal mat for in situ bioremediation and potential for biofuel production	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	Vol 9,275-282	5.014
80	Plizingrova, Eva ; Volfova, L; Svara, P Labhsetwar, N. K; Klementova, M Szatmary, L ; Subrt, J	Highly photoactive anatase foams prepared from lyophilized aqueous colloids of peroxo-polytitanic acid	Catalysis Today: Part: A	V. 240(Feb.); p. 107-113; 2015	3.893
81	Pradeep, Selvanesan; Josh, Moolakkariyil Sarath; Hareesh, Erandapurathukaduma na Sreedharan; Kumar, Sunil; Benjamin, Sailas	Achromobacter denitrificans strain SP1 produces an intracellular esterase upon utilizing di(2ethylhexyl)phthalate	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	Volume: 105 Pages: 160-167	2.131
82	Pramanik, S; Surendran, ST ; Arumugam, S; Devi, S; Krishnamurthi, K ; Chakrabarti T	Polymorphisms in DNA repair and multidrug resistance genes among Sindhis of Central India	ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY	40(2), Pages: 480-485	2.084
83	Prasad, P	Recent Trend in Wireless Sensor Network and its applications: A survey	Sensor Review.	Vol. 35 Iss: 2, pp.229 - 236	0.74

84	Puranik, Sampada; Purohit, Hemant J	Dynamic interactive events in gene regulation using E-coli dehydrogenase as a model	FUNCTIONAL & INTEGRATIVE GENOMICS	Volume: 15 Issue: 2 Pages: 175-188 Published : MAR 2015	2.479
85	Ramana, DV ; Kumar, JP ; Chelani, A ; Chadha, RK ; Shekar, M; Singh, RN	Complexity in hydro-seismicity of the Koyna-Warna region, India	NATURAL HAZARDS	<b>Volume:</b> 77, S109-S116	1.719
86	Rathod, M ; Haldar, S ; Basha, S	Nanocrystalline cellulose for removal of tetracycline hydrochloride from water via biosorption: Equilibrium, kinetic and thermodynamic studies	ECOLOGICAL ENGINEERING	84, Pages: 240-249	2.58
87	Saha, S ; Badhe, N ; Seuntjens, D ; Vlaeminck, SE ; Biswas, R ;Nandy, T	Effective carbon and nutrient treatment solutions for mixed domestic-industrial wastewater in India	WATER SCIENCE AND TECHNOLOGY	72(4), 651-657	1.106
88	Saha, Shaswati; Badhe, Neha; De Vrieze, Jo; et al.	Methanol induces low temperature resilient methanogens and improves methane generation from domestic wastewater at low to moderate temperatures	BIORESOURCE TECHNOLOGY	Volume: 189 Pages: 370-378 Published: AUG 2015	4.494
89	Sen S , Ghatak SK, Majumdar D, Sen K, & Bhattacharya B	Free iron status & insulin resistance in type 2 diabetes mellitus: Analyzing the probable role of a peanut protein	Indian J Med Res	142, 606-609	1.396
90	Seralathan, M. V; Saravana Devi, S; Nargunanathan, S; Bafana, A; Krishnamurthi, K; Chakrabarti, T	Chemotaxis based endosulfan biotransformation: enrichment and isolation of endosulfan degrading bacteria	Environmental Technology	Volume 36, Issue 1(Jan.), p. 60-67; 2015	1.56
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