

Palanivel Velmurugan

List of Publications by Year in descending order

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120
papers

3,527
citations

117571

34
h-index

175177

52
g-index

120
all docs

120
docs citations

120
times ranked

4153
citing authors

#	ARTICLE	IF	CITATIONS
1	Removing microplastics from wastewater using leading-edge treatment technologies: a solution to microplastic pollution—a review. <i>Bioprocess and Biosystems Engineering</i> , 2023, 46, 309-321.	1.7	18
2	Fabrication of blue fluorescent carbon quantum dots using green carbon precursor <i>Psidium guajava</i> leaf extract and its application in water treatment. <i>Carbon Letters</i> , 2022, 32, 119-129.	3.3	14
3	Curcumin-Based Inhibitors of Thrombosis and Cancer Metastasis Promoting Factor CLEC 2 from Traditional Medicinal Species <i>Curcuma longa</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-14.	0.5	1
4	Coating of wallpaper with green synthesized silver nanoparticles from <i>Passiflora foetida</i> fruit and its illustrated antifungal mechanism. <i>Process Biochemistry</i> , 2022, 112, 177-182.	1.8	9
5	Facile and Eco-Friendly Fabrication of Silver Nanoparticles Using <i>Nyctanthes arbor-tristis</i> Leaf Extract to Study Antibiofilm and Anticancer Properties against <i>Candida albicans</i> . <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-10.	1.0	1
6	Investigation on Inorganic Salts K ₂ TiF ₆ and KBF ₄ to Develop Nanoparticles Based TiB ₂ Reinforcement Aluminium Composites. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	7
7	Effect of Nanoaluminium Nitride Ceramic Particles on Microstructure, Mechanical Wear, and Machining Behavior of Al-Si-Mg Alloy Matrix Composites Produced by Bottom Pouring Type Stir Casting Route. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-14.	1.5	2
8	Investigating Influences of Synthesizing Eco-Friendly Waste-Coir-Fiber Nanofiller-Based Ramie and Abaca Natural Fiber Composite Parameters on Mechanical Properties. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	4
9	Oxytetracycline Degrading Potential of <i>Lysinibacillus</i> sp. Strain 3+I Isolated from Poultry Manure. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	1
10	Medicinal plants mediated the green synthesis of silver nanoparticles and their biomedical applications. <i>IET Nanobiotechnology</i> , 2022, 16, 115-144.	1.9	94
11	Evaluation of MWCNT Particles-Reinforced Magnesium Composite for Mechanical and Catalytic Applications. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	3
12	Synthesis and Workability Behavior of Cu-X wt.% TiC (x=0, 4, 8, and 12) Powder Metallurgy Composites. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-10.	1.8	3
13	Developing a Multimodal Model for Detecting Higher-Grade Prostate Cancer Using Biomarkers and Risk Factors. <i>BioMed Research International</i> , 2022, 2022, 1-13.	0.9	1
14	Phage in cancer treatment – Biology of therapeutic phage and screening of tumor targeting peptide. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 873-882.	2.4	12
15	Outcome Prediction of Hematologic Malignancy in Critically Sick People. <i>BioMed Research International</i> , 2022, 2022, 1-12.	0.9	1
16	Green synthesis of silver nanoparticles using canthaxanthin from <i>Dietzia maris</i> AURCCBT01 and their cytotoxic properties against human keratinocyte cell line. <i>Journal of Applied Microbiology</i> , 2021, 130, 1730-1744.	1.4	14
17	Fabrication of nanocomposites mediated from aluminium nanoparticles/Moringa oleifera gum activated carbon for effective photocatalytic removal of nitrate and phosphate in aqueous solution. <i>Journal of Cleaner Production</i> , 2021, 281, 124553.	4.6	60
18	Gene expressing analysis indicates the role of Pyrogallol as a novel antibiofilm and antivirulence agent against <i>Acinetobacter baumannii</i> . <i>Archives of Microbiology</i> , 2021, 203, 251-260.	1.0	16

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19	Extraction and Application of Pigment from <i>Serratia marcescens</i> SB08, an Insect Enteric Gut Bacterium, for Textile Dyeing. <i>Textiles</i> , 2021, 1, 21-36.	1.8	15
20	Bioengineered phytomolecules-capped silver nanoparticles using <i>Carissa carandas</i> leaf extract to embed on to urinary catheter to combat UTI pathogens. <i>PLoS ONE</i> , 2021, 16, e0256748.	1.1	20
21	Tumorigenesis and diagnostic practice applied in two oncogenic viruses: Epstein Barr virus and T-cell lymphotropic virus-1"Mini review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111974.	2.5	2
22	Bioremediation of hexavalent chromium-contaminated wastewater by <i>Bacillus thuringiensis</i> and <i>Staphylococcus capitis</i> isolated from tannery sediment. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 383-391.	2.9	26
23	Thermal and Flame Retardant Behavior of Neem and Banyan Fibers When Reinforced with a Bran Particulate Epoxy Hybrid Composite. <i>Polymers</i> , 2021, 13, 3859.	2.0	14
24	Influence of Compression Molding Process Parameters in Mechanical and Tribological Behavior of Hybrid Polymer Matrix Composites. <i>Polymers</i> , 2021, 13, 4195.	2.0	6
25	Bio-functionalization of cotton, silk, and leather using different in-situ silver nanoparticle synthesis modules, and their antibacterial properties. <i>Research on Chemical Intermediates</i> , 2020, 46, 999-1015.	1.3	14
26	Actinobacterial-Mediated Fabrication of Silver Nanoparticles and Their Broad Spectrum Antibacterial Activity Against Clinical Pathogens. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2902-2910.	0.9	22
27	The Circular RNA-miRNA Axis: A Special RNA Signature Regulatory Transcriptome as a Potential Biomarker for OSCC. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 352-361.	2.3	30
28	Marine Bacteria Is the Cell Factory to Produce Bioactive Pigments: A Prospective Pigment Source in the Ocean. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	11
29	Mycosynthesis of anticancer drug taxol by <i>Aspergillus oryzae</i> , an endophyte of <i>Tarenna asiatica</i> , characterization, and its activity against a human lung cancer cell line. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101525.	1.5	22
30	Green and hydrothermal assembly of reduced graphene oxide (rGO)-coated ZnO and Fe hybrid nanocomposite for the removal of nitrate and phosphate. <i>Environmental Chemistry and Ecotoxicology</i> , 2020, 2, 141-149.	4.6	8
31	Selection and characterization of extracellular enzyme production by an endophytic fungi <i>Aspergillus sojae</i> and its bio-efficacy analysis against cotton leaf worm, <i>Spodoptera litura</i> . <i>Current Plant Biology</i> , 2020, 23, 100153.	2.3	19
32	Anti-proliferative and anti-migratory effects of flower-like bimetallic (Au@Pt) nanoparticles. <i>Materials Letters</i> , 2020, 267, 127491.	1.3	10
33	Fungal Pigments: Potential Coloring Compounds for Wide Ranging Applications in Textile Dyeing. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 68.	1.5	71
34	Investigation on the characteristics of bamboo/jute reinforced hybrid epoxy polymer composites. <i>Materials Research Express</i> , 2019, 6, 105346.	0.8	33
35	Reprint of "Molecular and phenotypic characterization of pathogenic fungal strains isolated from ginseng root rot" Physiological and Molecular Plant Pathology, 2019, 105, 28-33.	1.3	1
36	Resistance spot welding of AISI-316L SS and 2205 DSS for predicting parametric influences on weld strength " Experimental and FEM approach. <i>Archives of Civil and Mechanical Engineering</i> , 2019, 19, 1029-1042.	1.9	14

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37	Use of Aronia melanocarpa Fruit Dye Combined with Silver Nanoparticles to Dye Fabrics and Leather and Assessment of Its Antibacterial Potential Against Skin Bacteria. <i>Fibers and Polymers</i> , 2019, 20, 302-311.	1.1	7
38	Development of activated carbon from Nerium oleander flower and their rapid adsorption of direct and reactive dyes. <i>International Journal of Green Energy</i> , 2019, 16, 573-582.	2.1	16
39	Sol-gel mediated synthesis of silica nanoparticle from Bambusa vulgaris leaves and its environmental applications: kinetics and isotherms studies. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 90, 653-664.	1.1	38
40	A novel approach to preparation of nano-adsorbent from agricultural wastes (Saccharum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (2019, 26, 5305-5314.	2.7	44
41	Green synthesis of pH-responsive Al ₂ O ₃ nanoparticles: Application to rapid removal of nitrate ions with enhanced antibacterial activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 205-215.	2.0	54
42	Fabrication and Characterization of Noble Crystalline Silver Nanoparticles from Ceropogia bulbosa Roxb Root Tuber Extract for Antibacterial, Larvicidal and Histopathology Applications. <i>Nanoscience and Nanotechnology Letters</i> , 2019, 11, 11-21.	0.4	12
43	High Density Noise Reduction of Tea Leaves using Density Mass Filter (DMF). <i>International Journal of Innovative Technology and Exploring Engineering</i> , 2019, 8, 2988-2991.	0.2	0
44	Fabrication and characterization of TiO ₂ -loaded Moringa oleifera gum-activated carbon and the photo-catalytic degradation of phosphate in aqueous solutions. <i>Nanotechnology for Environmental Engineering</i> , 2018, 3, 1.	2.0	18
45	Biogenic synthesis from Prunus Ayedoensis leaf extract, characterization, and photocatalytic and antibacterial activity of TiO ₂ nanoparticles. <i>Research on Chemical Intermediates</i> , 2018, 44, 2489-2502.	1.3	23
46	Photobiological (LED light)-mediated fermentation of blueberry (Vaccinium corymbosum L.) fruit with probiotic bacteria to yield bioactive compounds. <i>LWT - Food Science and Technology</i> , 2018, 93, 158-166.	2.5	21
47	A novel photo-biological engineering method for Salvia miltiorrhiza-mediated fabrication of silver nanoparticles using LED lights sources and its effectiveness against Aedes aegypti mosquito larvae and microbial pathogens. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 178-186.	1.3	9
48	Characterization and assessment of two biocontrol bacteria against Pseudomonas syringae wilt in Solanum lycopersicum and its genetic responses. <i>Microbiological Research</i> , 2018, 206, 43-49.	2.5	30
49	Molecular and phenotypic characterization of pathogenic fungal strains isolated from ginseng root rot. <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 141-146.	1.3	7
50	Photo-fermentation of purple sweet potato (Ipomoea batatas L.) using probiotic bacteria and LED lights to yield functionalized bioactive compounds. <i>3 Biotech</i> , 2018, 8, 300.	1.1	1
51	An investigation of biocontrol activity Pseudomonas and Bacillus strains against Panax ginseng root rot fungal phytopathogens. <i>Biological Control</i> , 2018, 125, 138-146.	1.4	33
52	Comparison of the Physical Characteristics of Green-Synthesized and Commercial Silver Nanoparticles: Evaluation of Antimicrobial and Cytotoxic Effects. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 201-208.	1.7	15
53	Optimization of resistance spot welding process parameters and microstructural examination for dissimilar welding of AISI 316L austenitic stainless steel and 2205 duplex stainless steel. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 455-465.	1.5	39
54	Green synthesis of silver oxide nanoparticles and its antibacterial activity against dental pathogens. <i>3 Biotech</i> , 2017, 7, 72.	1.1	112

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55	Fabrication, optimization, and characterization of noble silver nanoparticles from sugarcane leaf (<i>Saccharum officinarum</i>) extract for antifungal application. <i>3 Biotech</i> , 2017, 7, 147.	1.1	25
56	Potential for plant biocontrol activity of isolated <i>Pseudomonas aeruginosa</i> and <i>Bacillus stratosphericus</i> strains against bacterial pathogens acting through both induced plant resistance and direct antagonism. <i>FEMS Microbiology Letters</i> , 2017, 364, .	0.7	46
57	Probiotic-mediated blueberry (<i>Vaccinium corymbosum</i> L.) fruit fermentation to yield functionalized products for augmented antibacterial and antioxidant activity. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 542-550.	1.1	56
58	Extraction of natural colorant from purple sweet potato and dyeing of fabrics with silver nanoparticles for augmented antibacterial activity against skin pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 571-579.	1.7	33
59	Production, optimization and characterization of silver oxide nanoparticles using <i>Artocarpus heterophyllum</i> rind extract and their antifungal activity. <i>African Journal of Biotechnology</i> , 2017, 16, 1819-1825.	0.3	23
60	Antidiabetic potential of bioactive molecules coated chitosan nanoparticles in experimental rats. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 63-69.	3.6	36
61	Extraction of natural dye from <i>Coreopsis tinctoria</i> flower petals for leather dyeing – An eco-friendly approach. <i>Fibers and Polymers</i> , 2016, 17, 1875-1883.	1.1	19
62	Biomolecule-loaded chitosan nanoparticles induce apoptosis and molecular changes in cancer cell line (SiHa). <i>International Journal of Biological Macromolecules</i> , 2016, 88, 18-26.	3.6	24
63	Gold nanoparticles mediated coloring of fabrics and leather for antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 102-109.	1.7	46
64	In vitro fabrication of dental filling nanopowder by green route and its antibacterial activity against dental pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 159, 229-236.	1.7	8
65	Synthesis and antimicrobial activity of palladium nanoparticles from <i>Prunus A— yedoensis</i> leaf extract. <i>Materials Letters</i> , 2016, 185, 335-338.	1.3	56
66	Photobiologic-mediated fabrication of silver nanoparticles with antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 93-99.	1.7	46
67	Phyto-crystallization of silver and gold by <i>Erigeron annuus</i> (L.) Pers flower extract and catalytic potential of synthesized and commercial nano silver immobilized on sodium alginate hydrogel. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 313-320.	2.4	19
68	Removal of anionic dye using amine-functionalized mesoporous hollow shells prepared from corn cob silica. <i>Research on Chemical Intermediates</i> , 2016, 42, 5937-5950.	1.3	10
69	Green Crystallization and Characterization of Copper Oxide (CuO) Nanoparticles Using <i>Anacardium occidentale</i> Shell Liquid and their Biomedical Applications. <i>Journal of Nano Research</i> , 2016, 40, 167-173.	0.8	4
70	<i>Prunus A— yedoensis</i> tree gum mediated synthesis of platinum nanoparticles with antifungal activity against phytopathogens. <i>Materials Letters</i> , 2016, 174, 61-65.	1.3	65
71	Energy and exergy analysis in double-pass solar air heater. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2016, 41, 369.	0.8	16
72	Phytofabrication of bioinspired zinc oxide nanocrystals for biomedical application. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1529-1536.	1.9	11

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73	Eco-friendly approach towards green synthesis of zinc oxide nanocrystals and its potential applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1537-1543.	1.9	28
74	Extraction and physical characterization of amorphous silica made from corn cob ash at variable pH conditions via sol gel processing. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 249-253.	2.9	61
75	Energy and Exergy Analysis of Solar Air Heaters with Varied Geometries. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 1173-1186.	1.1	40
76	Reduction of silver (I) using defatted cashew nut shell starch and its structural comparison with commercial product. <i>Carbohydrate Polymers</i> , 2015, 133, 39-45.	5.1	13
77	Synthesis and characterization comparison of peanut shell extract silver nanoparticles with commercial silver nanoparticles and their antifungal activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 51-54.	2.9	60
78	Production and characterization of bacterial cellulose by <i>Leifsonia</i> sp. CBNU-EW3 isolated from the earthworm, <i>Eisenia fetida</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 410-416.	1.4	16
79	Thermal Performance Studies on Multi-pass Flat-plate Solar Air Heater with Longitudinal Fins: An Analytical Approach. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 1141-1150.	1.1	22
80	Extraction, characterization, and catalytic potential of amorphous silica from corn cobs by sol-gel method. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 298-303.	2.9	84
81	Synthesis and characterization of nanosilver with antibacterial properties using <i>Pinus densiflora</i> young cone extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 147, 63-68.	1.7	42
82	Energy and Exergy Analysis of Multi-Pass Flat Plate Solar Air Heater—An Analytical Approach. <i>International Journal of Green Energy</i> , 2015, 12, 810-820.	2.1	31
83	Crystallization of silver metal by extract of <i>Prunus yedoensis</i> Matsumura blossoms and its potential characterization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 39-42.	2.9	6
84	An investigation of tool wear using acoustic emission and genetic algorithm. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 3061-3066.	1.5	55
85	Phytosynthesis of silver nanoparticles by <i>Prunus yedoensis</i> leaf extract and their antimicrobial activity. <i>Materials Letters</i> , 2015, 138, 272-275.	1.3	68
86	Whole Body Vibration Analysis for Drivers of Suspended Cabin Tractor Semitrailer. <i>Experimental Techniques</i> , 2014, 38, 47-53.	0.9	12
87	Biosynthesis of silver nanoparticles using <i>Bacillus subtilis</i> EWP-46 cell-free extract and evaluation of its antibacterial activity. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1527-1534.	1.7	53
88	Synthesis of Silver and Gold Nanoparticles Using Cashew Nut Shell Liquid and Its Antibacterial Activity Against Fish Pathogens. <i>Indian Journal of Microbiology</i> , 2014, 54, 196-202.	1.5	45
89	Antibacterial activity of silver nanoparticle-coated fabric and leather against odor and skin infection causing bacteria. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8179-8189.	1.7	49
90	<i>Pseudomonas fluorescens</i> JH 70-4 promotes Pb stabilization and early seedling growth of Sudan grass in contaminated mining site soil. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2589-2596.	1.2	18

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91	Experimental investigation on scaling and stacking up of proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11186-11195.	3.8	34
92	Green synthesis of silver and gold nanoparticles using <i>Zingiber officinale</i> root extract and antibacterial activity of silver nanoparticles against food pathogens. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1935-1943.	1.7	201
93	Assessment of genotoxic and humoral immune system alterations in silica exposed workers from pottery industries in South India. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1801-1814.	1.9	9
94	Antimicrobial fabrication of cotton fabric and leather using green-synthesized nanosilver. <i>Carbohydrate Polymers</i> , 2014, 106, 319-325.	5.1	67
95	The use of cochineal and <i>Monascus purpureus</i> dyes for cotton fabric. <i>Coloration Technology</i> , 2013, 129, 246-251.	0.7	18
96	Pine cone-mediated green synthesis of silver nanoparticles and their antibacterial activity against agricultural pathogens. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 361-368.	1.7	103
97	Optimisation of whole body vibration analysis for suspended cabin tractor semitrailer. <i>International Journal of Vehicle Noise and Vibration</i> , 2012, 8, 152.	0.0	12
98	Influence of Road Surfaces on Whole Body Vibration for Suspended Cabin Tractor Semitrailer Drivers. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2012, 31, 75-84.	1.3	10
99	Measurement of whole-body vibration exposure from unsuspended cabin tractor semi-trailers. <i>Human Factors and Ergonomics in Manufacturing</i> , 2012, 22, 481-486.	1.4	7
100	Investigation on influence of stiffness and hydro-pneumatic suspension for dynamic analysis of a heavy truck using ADAMS simulation. <i>International Journal of Human Factors Modelling and Simulation</i> , 2011, 2, 204.	0.1	4
101	Association of Elm Yellows Subgroup 16SrV-B Phytoplasma with a Disease of <i>Hovenia dulcis</i> . <i>Journal of Phytopathology</i> , 2011, 159, 171-174.	0.5	10
102	<i>Monascus</i> pigment production by solid-state fermentation with corn cob substrate. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 590-594.	1.1	105
103	Identification and comparison of chromosomal alterations in infertile and fertile males of Tamil Nadu region exposed to cigarette smoking. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2011, 19, 207-213.	0.8	0
104	Crystallization of silver through reduction process using <i>Elaeis guineensis</i> biosolid extract. <i>Biotechnology Progress</i> , 2011, 27, 273-279.	1.3	20
105	Cytogenetic Study on Sexual Ambiguity in Humans. <i>International Journal of Human Genetics</i> , 2010, 10, 81-86.	0.1	4
106	Evaluation of the genetic alterations in direct and indirect exposures of hexavalent chromium [Cr(VI)] in leather tanning industry workers North Arcot District, South India. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 791-801.	1.1	43
107	Dyeing of cotton yarn with five water soluble fungal pigments obtained from five fungi. <i>Fibers and Polymers</i> , 2010, 11, 598-605.	1.1	52
108	Prevalence of certain inorganic constituents in groundwater samples of Erode district, Tamilnadu, India, with special emphasis on fluoride, fluorosis and its remedial measures. <i>Environmental Monitoring and Assessment</i> , 2010, 160, 141-155.	1.3	48

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109	Effect of light on growth, intracellular and extracellular pigment production by five pigment-producing filamentous fungi in synthetic medium. <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 346-350.	1.1	96
110	Water-soluble red pigments from <i>Isaria farinosa</i> and structural characterization of the main colored component. <i>Journal of Basic Microbiology</i> , 2010, 50, 581-590.	1.8	29
111	Removal of zinc by live, dead, and dried biomass of <i>Fusarium</i> spp. isolated from the abandoned-metal mine in South Korea and its perspective of producing nanocrystals. <i>Journal of Hazardous Materials</i> , 2010, 182, 317-324.	6.5	95
112	Natural pigment extraction from five filamentous fungi for industrial applications and dyeing of leather. <i>Carbohydrate Polymers</i> , 2010, 79, 262-268.	5.1	110
113	Abstract B45: Identification of chromosome aberration of oral squamous cell carcinoma patients in southern India. , 2010, ,		0
114	Assessment of the dyeing properties of pigments from five fungi and antibacterial activity of dyed cotton fabric and leather. <i>Coloration Technology</i> , 2009, 125, 334-341.	0.7	30
115	Nitrate removal efficiency of bacterial consortium (<i>Pseudomonas</i> sp. KW1 and <i>Bacillus</i> sp. YW4) in synthetic nitrate-rich water. <i>Journal of Hazardous Materials</i> , 2008, 157, 553-563.	6.5	52
116	Prevalence of Coliform Bacteria in Kodaikanal and Yercaud Lake, Tamilnadu, South India. <i>Research Journal of Microbiology</i> , 2006, 1, 527-533.	0.2	1
117	Novel synthesis of <i>Chrysanthemum indicum</i> flower as an adsorbent for the removal of direct Congo red from aqueous solution. , 0, 113, 270-280.		15
118	Novel green synthesis of a reduced graphene oxide/zinc oxide hybrid nanocomposite adsorbent of <i>Prunus yedoensis</i> leaf extract: Its catalytic potential to remove phosphate. , 0, 130, 124-131.		3
119	Performance analysis of mixed vegetable oil as an alternative for transformer insulation oil. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	7
120	Development of ZnO/MOGAC nanocomposites for enhanced photocatalytic removal of PO ₄ ³⁻ and NO ₃ ⁻ ions from wastewater under various light irradiations. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	18