

Palanivel Velmurugan

List of Publications by Year
in descending order

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Version: 2024-02-01

120
papers

3,527
citations

117625
34
h-index

175258
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.	3.4	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.	5.9	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.	1.2	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.	3.7	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.	1.8	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.	4.1	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.	2.7	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.	4.1	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.	1.2	1
10	Medicinal plants mediated the green synthesis of silver nanoparticles and their biomedical applications. <i>IET Nanobiotechnology</i> , 2022, 16, 115-144.	3.8	94
11	Evaluation of MWCNT Particles-Reinforced Magnesium Composite for Mechanical and Catalytic Applications. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	4.1	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.	4.1	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.	1.9	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.	5.0	12
15	Outcome Prediction of Hematologic Malignancy in Critically Sick People. <i>BioMed Research International</i> , 2022, 2022, 1-12.	1.9	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.	3.1	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.	9.3	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.	2.2	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.	4.1	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.	2.5	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.	5.6	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.	4.6	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.	4.5	14
24	Influence of Compression Molding Process Parameters in Mechanical and Tribological Behavior of Hybrid Polymer Matrix Composites. <i>Polymers</i> , 2021, 13, 4195.	4.5	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.	2.7	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.	5.1	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, .	3.9	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.	3.1	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.	9.1	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.	4.7	19
32	Anti-proliferative and anti-migratory effects of flower-like bimetallic (Au@Pt) nanoparticles. <i>Materials Letters</i> , 2020, 267, 127491.	2.6	10
33	Fungal Pigments: Potential Coloring Compounds for Wide Ranging Applications in Textile Dyeing. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 68.	3.5	71
34	Investigation on the characteristics of bamboo/jute reinforced hybrid epoxy polymer composites. <i>Materials Research Express</i> , 2019, 6, 105346.	1.6	33
35	Reprint of “Molecular and phenotypic characterization of pathogenic fungal strains isolated from ginseng root rot“ <i>Physiological and Molecular Plant Pathology</i> , 2019, 105, 28-33.	2.5	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.	3.8	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.	2.1	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.	3.8	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.	2.4	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.	5.3	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.	3.9	54
42	Fabrication and Characterization of Noble Crystalline Silver Nanoparticles from Ceropegia 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.	0.3	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.	3.3	18
45	Biogenic synthesis from Prunus Â—Âyedoensis leaf extract, characterization, and photocatalytic and antibacterial activity of TiO ₂ nanoparticles. <i>Research on Chemical Intermediates</i> , 2018, 44, 2489-2502.	2.7	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.	5.2	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.	2.5	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.	5.3	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.	2.5	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.	2.2	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.	3.0	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.	3.0	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.	3.0	39
54	Green synthesis of silver oxide nanoparticles and its antibacterial activity against dental pathogens. <i>3 Biotech</i> , 2017, 7, 72.	2.2	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.	2.2	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, .	1.8	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.	2.2	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.	3.8	33
59	Production, optimization and characterization of silver oxide nanoparticles using <i>Artocarpus heterophyllus</i> rind extract and their antifungal activity. <i>African Journal of Biotechnology</i> , 2017, 16, 1819-1825.	0.6	23
60	Antidiabetic potential of bioactive molecules coated chitosan nanoparticles in experimental rats. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 63-69.	7.5	36
61	Extraction of natural dye from <i>Coreopsis tinctoria</i> flower petals for leather dyeing â An eco-friendly approach. <i>Fibers and Polymers</i> , 2016, 17, 1875-1883.	2.1	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.	7.5	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.	3.8	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.	3.8	8
65	Synthesis and antimicrobial activity of palladium nanoparticles from <i>Prunus Ã yedoensis</i> leaf extract. <i>Materials Letters</i> , 2016, 185, 335-338.	2.6	56
66	Photobiologic-mediated fabrication of silver nanoparticles with antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 93-99.	3.8	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.	5.2	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.	2.7	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 Ã yedoensis</i> tree gum mediated synthesis of platinum nanoparticles with antifungal activity against phytopathogens. <i>Materials Letters</i> , 2016, 174, 61-65.	2.6	65
71	Energy and exergy analysis in double-pass solar air heater. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2016, 41, 369.	1.3	16
72	Phytofabrication of bioinspired zinc oxide nanocrystals for biomedical application. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1529-1536.	2.8	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.	2.8	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.	5.8	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.	10.2	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.	5.8	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.	2.6	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.	5.8	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.	3.8	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.	3.8	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.	5.8	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.	2.6	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.	2.6	68
86	Whole Body Vibration Analysis for Drivers of Suspended Cabin Tractor Semitrailer. <i>Experimental Techniques</i> , 2014, 38, 47-53.	1.5	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.	3.4	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.	2.7	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.	3.6	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.	2.2	18

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91	Experimental investigation on scaling and stacking up of proton exchange membrane fuel cells. International Journal of Hydrogen Energy, 2014, 39, 11186-11195.	7.1	34
92	Green synthesis of silver and gold nanoparticles using Zingiber officinale root extract and antibacterial activity of silver nanoparticles against food pathogens. Bioprocess and Biosystems Engineering, 2014, 37, 1935-1943.	3.4	201
93	Assessment of genotoxic and humoral immune system alterations in silica exposed workers from pottery industries in South India. Stochastic Environmental Research and Risk Assessment, 2014, 28, 1801-1814.	4.0	9
94	Antimicrobial fabrication of cotton fabric and leather using green-synthesized nanosilver. Carbohydrate Polymers, 2014, 106, 319-325.	10.2	67
95	The use of cochineal and Monascus purpureus dyes for cotton fabric. Coloration Technology, 2013, 129, 246-251.	1.5	18
96	Pine cone-mediated green synthesis of silver nanoparticles and their antibacterial activity against agricultural pathogens. Applied Microbiology and Biotechnology, 2013, 97, 361-368.	3.6	103
97	Optimisation of whole body vibration analysis for suspended cabin tractor semitrailer. International Journal of Vehicle Noise and Vibration, 2012, 8, 152.	0.1	12
98	Influence of Road Surfaces on Whole Body Vibration for Suspended Cabin Tractor Semitrailer Drivers. Journal of Low Frequency Noise Vibration and Active Control, 2012, 31, 75-84.	2.9	10
99	Measurement of whole-body vibration exposure from unsuspended cabin tractor semi-trailers. Human Factors and Ergonomics in Manufacturing, 2012, 22, 481-486.	2.7	7
100	Investigation on influence of stiffness and hydro-pneumatic suspension for dynamic analysis of a heavy truck using ADAMS simulation. International Journal of Human Factors Modelling and Simulation, 2011, 2, 204.	0.2	4
101	Association of Elm Yellow Subgroup 16SrV-B Phytoplasma with a Disease of Hovenia dulcis. Journal of Phytopathology, 2011, 159, 171-174.	1.0	10
102	Monascus pigment production by solid-state fermentation with corn cob substrate. Journal of Bioscience and Bioengineering, 2011, 112, 590-594.	2.2	105
103	Identification and comparison of chromosomal alterations in infertile and fertile males of Tamil Nadu region exposed to cigarette smoking. Zeitschrift Fur Gesundheitswissenschaften, 2011, 19, 207-213.	1.6	0
104	Crystallization of silver through reduction process using <i>Elaeis guineensis</i> biosolid extract. Biotechnology Progress, 2011, 27, 273-279.	2.6	20
105	Cytogenetic Study on Sexual Ambiguity in Humans. International Journal of Human Genetics, 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. International Archives of Occupational and Environmental Health, 2010, 83, 791-801.	2.3	43
107	Dyeing of cotton yarn with five water soluble fungal pigments obtained from five fungi. Fibers and Polymers, 2010, 11, 598-605.	2.1	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. Environmental Monitoring and Assessment, 2010, 160, 141-155.	2.7	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. Journal of Bioscience and Bioengineering, 2010, 109, 346-350.	2.2	96
110	Water-soluble red pigments from <i>Isaria farinosa</i> and structural characterization of the main colored component. Journal of Basic Microbiology, 2010, 50, 581-590.	3.3	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. Journal of Hazardous Materials, 2010, 182, 317-324.	12.4	95
112	Natural pigment extraction from five filamentous fungi for industrial applications and dyeing of leather. Carbohydrate Polymers, 2010, 79, 262-268.	10.2	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. Coloration Technology, 2009, 125, 334-341.	1.5	30
115	Nitrate removal efficiency of bacterial consortium (<i>Pseudomonas</i> sp. KW1 and <i>Bacillus</i> sp. YW4) in synthetic nitrate-rich water. Journal of Hazardous Materials, 2008, 157, 553-563.	12.4	52
116	Prevalence of Coliform Bacteria in Kodaikanal and Yercaud Lake, Tamilnadu, South India. Research Journal of Microbiology, 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. Biomass Conversion and Biorefinery, 0, , 1.	4.6	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. Biomass Conversion and Biorefinery, 0, , 1.	4.6	18