

Mukeshd Doble

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

271
papers

7,885
citations

47
h-index

77
g-index

279
ext. papers

9,193
ext. citations

4.4
avg, IF

6.61
L-index

#	Paper	IF	Citations
271	An study on pulmonary fibrosis inhibitors from and targeting TGF-RI.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-17	3.6	
270	Performance of thermophilic strain on the reduction of viscosity of crude oil under high pressure and high temperature conditions: Experiments and modeling. <i>Journal of Petroleum Science and Engineering</i> , 2022 , 210, 110016	4.4	1
269	Comparative analysis of molecular and conventional methods for bacteriological water quality assessment in drinking water resources around Chennai. <i>Water Practice and Technology</i> , 2022 , 17, 708-718	0.9	9
268	Molecular docking analysis reveals the functional inhibitory effect of Genistein and Quercetin on TMPRSS2: SARS-COV-2 cell entry facilitator spike protein.. <i>BMC Bioinformatics</i> , 2022 , 23, 180	3.6	1
267	Dual inhibitors of SARS-CoV-2 proteases: pharmacophore and molecular dynamics based drug repositioning and phytochemical leads. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6324-6337	3.6	16
266	Alkaloids of Nees. as potential inhibitors of cyclooxygenases - an study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-11	3.6	1
265	Preparation of Curdlan sulphate - Chitosan nanoparticles as a drug carrier to target Mycobacterium smegmatis infected macrophages. <i>Carbohydrate Polymers</i> , 2021 , 258, 117686	10.3	4
264	Impact of Biosurfactants, Surfactin, and Rhamnolipid Produced from Bacillus subtilis and Pseudomonas aeruginosa, on the Enhanced Recovery of Crude Oil and Its Comparison with Commercial Surfactants. <i>Energy & Fuels</i> , 2021 , 35, 9883-9893	4.1	5
263	An expedient, one-pot, stepwise sequential approach for the regioselective synthesis of pyrazolines. <i>Journal of Chemical Research</i> , 2021 , 45, 326-333	0.6	1
262	Polyphenol-rich Indian ginger cultivars ameliorate GLUT4 activity in C2C12 cells, inhibit diabetes-related enzymes and LPS-induced inflammation: An in vitro study. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13600	3.3	7
261	Fabrication of Nanostructured Scaffolds for Tissue Engineering Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , 2021 , 317-334	0.6	0
260	Photoluminescence carbon nano dots for the conductivity based optical sensing of dopamine and bioimaging applications. <i>Optical Materials</i> , 2021 , 117, 111120	3.3	13
259	Arjunetin as a promising drug candidate against SARS-CoV-2: molecular dynamics simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-22	3.6	1
258	Lockdown of mitochondrial Ca extrusion and subsequent resveratrol treatment kill HeLa cells by Ca overload. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 139, 106071	5.6	0
257	A comprehensive overview of vaccines developed for pandemic viral pathogens over the past two decades including those in clinical trials for the current novel SARS-CoV-2.. <i>RSC Advances</i> , 2021 , 11, 20003-20035	3.7	0
256	Computational approach identifies protein off-targets for Isoniazid-NAD adduct: hypothesizing a possible drug resistance mechanism in. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 1697-1710	3.6	4
255	Inhibitory activity of traditional plants against Mycobacterium smegmatis and their action on Filamenting temperature sensitive mutant Z (FtsZ)-A cell division protein. <i>PLoS ONE</i> , 2020 , 15, e0232482	3.7	4

254	Bilayer nanostructure coated AZ31 magnesium alloy implants: in vivo reconstruction of critical-sized rabbit femoral segmental bone defect. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102232	6	7
253	Diarylidenecyclopentanone derivatives as potent anti-inflammatory and anticancer agents. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1579-1589	2.2	2
252	Production and investigation of the physico-chemical properties of MEL-A from glycerol and coconut water. <i>World Journal of Microbiology and Biotechnology</i> , 2020 , 36, 88	4.4	4
251	Fermentative hydrogen production and bioelectricity generation from food based industrial waste: An integrative approach. <i>Bioresource Technology</i> , 2020 , 310, 123447	11	13
250	Synthesis of novel spirobibenzopyrans as potent anticancer leads inducing apoptosis in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127199	2.9	3
249	Dimethylaminoethyl modified curdlan nanoparticles for targeted siRNA delivery to macrophages. <i>Materials Science and Engineering C</i> , 2020 , 108, 110379	8.3	3
248	Synthesis of magnesium phosphate nanoflakes and its PCL composite electrospun nanofiber scaffolds for bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2020 , 109, 110527	8.3	36
247	Biopolymer film fabrication for skin mimetic tissue regenerative wound dressing applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 1-12	3	6
246	Hydroxy Piperlongumines: Synthesis, Antioxidant, Cytotoxic Effect on Human Cancer Cell Lines, Inhibitory Action and ADMET Studies. <i>ChemistrySelect</i> , 2020 , 5, 11778-11786	1.8	1
245	A Mechanistic Review on Medicinal Mushrooms-Derived Bioactive Compounds: Potential Mycotherapy Candidates for Alleviating Neurological Disorders. <i>Planta Medica</i> , 2020 , 86, 1161-1175	3.1	10
244	Potential of pyrroquinazoline alkaloids from Nees. as inhibitors of 5-LOX - a computational and an study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-12	3.6	3
243	Industrial production and applications of linear and branched glucans. <i>Indian Chemical Engineer</i> , 2020 , 1-15	1	5
242	Design of photoluminescence point-of-care membrane strip for the detection of dopamine. <i>Materials Letters</i> , 2020 , 277, 128316	3.3	9
241	Bioelectricity generation and analysis of anode biofilm metabolites from septic tank wastewater in microbial fuel cells. <i>International Journal of Energy Research</i> , 2020 , 45, 17244	4.5	6
240	Synthesis, Characterization, and Biological Activity of Aminated Zymosan. <i>ACS Omega</i> , 2020 , 5, 15973-15982	3.9	9
239	Inhibitory activity of traditional plants against Mycobacterium smegmatis and their action on Filamenting temperature sensitive mutant Z (FtsZ) cell division protein 2020 , 15, e0232482		
238	Inhibitory activity of traditional plants against Mycobacterium smegmatis and their action on Filamenting temperature sensitive mutant Z (FtsZ) cell division protein 2020 , 15, e0232482		
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232	Inhibitory activity of traditional plants against Mycobacterium smegmatis and their action on Filamenting temperature sensitive mutant Z (FtsZ) cell division protein 2020 , 15, e0232482		
231	Cyclic $\alpha(1, 2)$ -glucan blended poly DL lactic co glycolic acid (PLGA 10:90) nanoparticles for drug delivery. <i>Heliyon</i> , 2019 , 5, e02289	3.6	2
230	Chalcone-Thiazole Hybrids: Rational Design, Synthesis, and Lead Identification against 5-Lipoxygenase. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1415-1422	4.3	8
229	Eggshell derived brushite bone cement with minimal inflammatory response and higher osteoconductive potential. <i>Journal of Materials Science: Materials in Medicine</i> , 2019 , 30, 113	4.5	9
228	A novel class of tyrosine derivatives as dual 5-LOX and COX-2/mPGES1 inhibitors with PGE2 mediated anticancer properties. <i>New Journal of Chemistry</i> , 2019 , 43, 834-846	3.6	7
227	Theranostic Calcium Phosphate Nanoparticles With Potential for Multimodal Imaging and Drug Delivery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 126	5.8	15
226	Synthesis of diarylidencyclohexanone derivatives as potential anti-inflammatory leads against COX-2/mPGES1 and 5-LOX. <i>New Journal of Chemistry</i> , 2019 , 43, 9012-9020	3.6	7
225	Curcumin Releasing Eggshell Derived Carbonated Apatite Nanocarriers for Combined Anti-Cancer, Anti-Inflammatory and Bone Regenerative Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 6872-6880	1.3	13
224	Pharmacophore based approach to screen and evaluate novel Mycobacterium cell division inhibitors targeting FtsZ - A modelling and experimental study. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 135, 103-112	5.1	6
223	Dual delivery of tuberculosis drugs via cyclodextrin conjugated curdlan nanoparticles to infected macrophages. <i>Carbohydrate Polymers</i> , 2019 , 218, 53-62	10.3	40
222	Food Sources of Antidiabetic Phenolic Compounds 2019 , 45-82		1
221	Acyl and Benzyl-C- β -D-Glucosides: Synthesis and Biostudies for Glucose-Uptake-Promoting Activity in C2C12 Myotubes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6053-6070	3.2	4
220	Synergistic Behavior of Phytophenolics with Antidiabetic Drugs 2019 , 123-143		1
219	Probiotics, Prebiotics, and Fibers in Nutritive and Functional Beverages 2019 , 315-367		8

218	Modulation of biological properties by grain refinement and surface modification on titanium surfaces for implant-related infections. <i>Journal of Materials Science</i> , 2019 , 54, 13265-13282	4.3	9
217	Role of Phenolic Phytochemicals in Diabetes Management 2019 ,		3
216	5-Lipoxygenase as a drug target: A review on trends in inhibitors structural design, SAR and mechanism based approach. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 3745-3759	3.4	29
215	2D QSAR Analysis of Substituted Quinoxalines for their Antitubercular and Antileptospiral Activities. <i>Current Computer-Aided Drug Design</i> , 2019 , 15, 182-192	1.4	2
214	Microbial Production and Applications of Mannosylerythritol, Cellobiose and Trehalose Lipids 2019 , 81-105		
213	Development of a Next-Generation Fluorescent Turn-On Sensor to Simultaneously Detect and Detoxify Mercury in Living Samples. <i>Analytical Chemistry</i> , 2019 , 91, 3533-3538	7.8	31
212	Polysaccharide-based hydrogels for targeted drug delivery 2019 , 343-382		4
211	Design, synthesis and identification of novel coumapherine derivatives for inhibition of human 5-LOX: Antioxidant, pseudoperoxidase and docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 604-619	3.4	6
210	Structural characterization and applications of a novel polysaccharide produced by <i>Azospirillum lipoferum</i> MTCC 2306. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 17	4.4	1
209	Design of antimicrobial polycaprolactam nanocomposite by immobilizing subtilisin conjugated Au/Ag core-shell nanoparticles for biomedical applications. <i>Materials Science and Engineering C</i> , 2019 , 94, 656-665	8.3	21
208	Drug and ion releasing tetracalcium phosphate based dual action cement for regenerative treatment of infected bone defects. <i>Ceramics International</i> , 2018 , 44, 9227-9235	5.1	8
207	Common structural and pharmacophoric features of mPGES-1 and LTC4S. <i>Future Medicinal Chemistry</i> , 2018 , 10, 259-268	4.1	1
206	Antibacterial, anti-inflammatory, and bone-regenerative dual-drug-loaded calcium phosphate nanocarriers-in vitro and in vivo studies. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1066-1077	6.2	23
205	Dual nanofibrous bioactive coating and antimicrobial surface treatment for infection resistant titanium implants. <i>Progress in Organic Coatings</i> , 2018 , 121, 112-119	4.8	24
204	Silver oxide nanoparticles embedded silk fibroin spuns: Microwave mediated preparation, characterization and their synergistic wound healing and anti-bacterial activity. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 62-71	9.3	43
203	Electrospun PCL/HA coated friction stir processed AZ31/HA composites for degradable implant applications. <i>Journal of Materials Processing Technology</i> , 2018 , 252, 398-406	5.3	35
202	Ligand-based Modeling for the Prediction of Pharmacophore Features for Multi-targeted Inhibition of the Arachidonic Acid Cascade. <i>Molecular Informatics</i> , 2018 , 37, 1700073	3.8	2
201	Silver Loaded Nanofibrous Curdlan Mat for Diabetic Wound Healing: An In Vitro and In Vivo Study. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800234	3.9	10

200 Preventive and Therapeutic Effects of Dietary Fibers Against Cardiovascular Diseases **2018**, 365-393

199	Albumin capped carbon-gold (C-Au) nanocomposite as an optical sensor for the detection of Arsenic(III). <i>Optical Materials</i> , 2018 , 84, 339-344	3.3	14
198	An efficient and facile green synthesis of bisindole methanes as potential Mtb FtsZ inhibitors. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1933-1939	2.9	7
197	Mathematical modelling of AHL production in Exiguobacterium MPO strain. <i>Biochemical Engineering Journal</i> , 2018 , 138, 54-62	4.2	0
196	Development of Egg Shell Derived Carbonated Apatite Nanocarrier System for Drug Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 2318-2324	1.3	11
195	Influence of magnesium particles and Pluronic F127 on compressive strength and cytocompatibility of nanocomposite injectable and moldable beads for bone regeneration. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 88, 453-462	4.1	10
194	Pyridazine-based heteroleptic copper(II) complexes as potent anticancer drugs by inducing apoptosis and S-phase arrest in breast cancer cell. <i>Inorganica Chimica Acta</i> , 2018 , 482, 160-169	2.7	5
193	Prebiotics and Probiotics in Altering Microbiota: Implications in Colorectal Cancer 2018 , 403-413		2
192	Synthesis and characterization of biocompatible carbon-gold (C-Au) nanocomposites and their biomedical applications as an optical sensor for creatinine detection and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 1267-1278	8.5	21
191	Kinetic and thermodynamic behavior of the biodegradation of waxy crude oil using Bacillus subtilis. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 160, 412-421	4.4	8
190	Additive manufacturing technologies: an overview of challenges and perspective of using electrospinning. <i>Nanocomposites</i> , 2018 , 4, 190-214	3.4	10
189	Synthesis of Unsymmetrical Linear Diarylheptanoids and their Enantiomers and Antiproliferative Activity Studies. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 6379-6387	3.2	2
188	Antibacterial and Bioactive Surface Modifications of Titanium Implants by PCL/TiO ₂ Nanocomposite Coatings. <i>Nanomaterials</i> , 2018 , 8,	5.4	44
187	Understanding substrate specificity and enantioselectivity of carbonyl reductase from Candida parapsilosis ATCC 7330 (CpCR): Experimental and modeling studies. <i>Molecular Catalysis</i> , 2018 , 460, 40-45	3.3	3
186	Nanostructure coated AZ31 magnesium cylindrical mesh cage for potential long bone segmental defect repair applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 690-698	6	9
185	Design, synthesis and identification of novel substituted 2-amino thiazole analogues as potential anti-inflammatory agents targeting 5-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 34-50	6.8	32
184	Microbial cyclic β (1-3), (1-6)-glucans as potential drug carriers: Interaction studies between cyclic β glucans isolated from Bradyrhizobium japonicum and betulinic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 203, 494-500	4.4	5
183	Polydimethyl siloxane based nanocomposites with antibiofilm properties for biomedical applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1075-1082	2.5	11

182	Phytochemicals as multi-target inhibitors of the inflammatory pathway- A modeling and experimental study. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 484, 467-473	3.4	11
181	Transport of anionic azo dyes from aqueous solution to gemini surfactant-modified wheat bran: Synchrotron infrared, molecular interaction and adsorption studies. <i>Science of the Total Environment</i> , 2017 , 595, 723-732	10.2	41
180	Dentin remineralizing ability and enhanced antibacterial activity of strontium and hydroxyl ion co-releasing radiopaque hydroxyapatite cement. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 95	4.5	14
179	Synthesis and characterization of curcumin loaded PLA-Hyperbranched polyglycerol electrospun blend for wound dressing applications. <i>Materials Science and Engineering C</i> , 2017 , 76, 1196-1204	8.3	100
178	Effect of biosurfactants produced by <i>Bacillus subtilis</i> and <i>Pseudomonas aeruginosa</i> on the formation kinetics of methane hydrates. <i>Journal of Natural Gas Science and Engineering</i> , 2017 , 43, 156-166	4.6	17
177	Electrospun Nanofibers of Curdlan (β,3 Glucan) Blend as a Potential Skin Scaffold Material. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1600417	3.9	29
176	Hybrid drug combination: Combination of ferulic acid and metformin as anti-diabetic therapy. <i>Phytomedicine</i> , 2017 , 37, 10-13	6.5	52
175	Hybrid drug combination: Anti-diabetic treatment of type 2 diabetic Wistar rats with combination of ellagic acid and pioglitazone. <i>Phytomedicine</i> , 2017 , 37, 4-9	6.5	34
174	Environmentally benign tetramethylguanidinium cation based ionic liquids. <i>New Journal of Chemistry</i> , 2017 , 41, 12268-12277	3.6	13
173	Betanin immobilized LDPE as antimicrobial food wrapper. <i>LWT - Food Science and Technology</i> , 2017 , 80, 131-135	5.4	10
172	Mutation at G103 of MtbFtsZ Altered their Sensitivity to Coumarins. <i>Frontiers in Microbiology</i> , 2017 , 8, 578	5.7	8
171	Transcriptional Regulation of mPGES1 in Cancer: An Alternative Approach to Drug Discovery?. <i>Current Drug Targets</i> , 2017 , 18, 119-131	3	5
170	Attenuated total reflection fourier transform infrared spectroscopy towards disclosing mechanism of bacterial adhesion on thermally stabilized titanium nano-interfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 135	4.5	4
169	Influence of thermophilic <i>Bacillus subtilis</i> YB7 on the biodegradation of long chain paraffinic hydrocarbons (C ₁₆ H ₃₄ to C ₃₆ H ₇₄). <i>RSC Advances</i> , 2016 , 6, 82541-82552	3.7	1
168	Efficacy of <i>Bacillus subtilis</i> for the biodegradation and viscosity reduction of waxy crude oil for enhanced oil recovery from mature reservoirs. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 2327-2335	1.6	5
167	FtsZ inhibition and redox modulation with one chemical scaffold: Potential use of dihydroquinolines against mycobacteria. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 557-567	6.8	9
166	Cyclic β(1→3) (1-6) glucan/carrageenan hydrogels for wound healing applications. <i>RSC Advances</i> , 2016 , 6, 98545-98553	3.7	27
165	Synergistic growth of <i>Bacillus</i> and <i>Pseudomonas</i> and its degradation potential on pretreated polypropylene. <i>Preparative Biochemistry and Biotechnology</i> , 2016 , 46, 109-15	2.4	26

164	2-Amino-4-aryl thiazole: a promising scaffold identified as a potent 5-LOX inhibitor. <i>RSC Advances</i> , 2016 , 6, 19271-19279	3.7	13
163	Probiotics, prebiotics and colorectal cancer prevention. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2016 , 30, 119-31	2.5	125
162	Systematic investigations on the biodegradation and viscosity reduction of long chain hydrocarbons using <i>Pseudomonas aeruginosa</i> and <i>Pseudomonas fluorescens</i> . <i>Environmental Sciences: Processes and Impacts</i> , 2016 , 18, 386-97	4.3	4
161	New pyridazine-based binuclear nickel(II), copper(II) and zinc(II) complexes as prospective anticancer agents. <i>New Journal of Chemistry</i> , 2016 , 40, 2451-2465	3.6	46
160	Probiotics and Bioactive Carbohydrates in Colon Cancer Management 2016 ,		4
159	In vitro and in vivo studies of biodegradable fine grained AZ31 magnesium alloy produced by equal channel angular pressing. <i>Materials Science and Engineering C</i> , 2016 , 59, 356-367	8.3	68
158	Nanoformulations of polyphenols for prevention and treatment of cardiovascular and metabolic disorders 2016 , 107-151		2
157	Characterization and biological activities of cyclic (1- β , 1- β)-D-glucans from <i>Bradyrhizobium japonicum</i> . <i>Biotechnology Letters</i> , 2016 , 38, 1519-25	3	7
156	Process optimization and kinetic modelling of cyclic (1- β , 1- β)-D-glucans production from <i>Bradyrhizobium japonicum</i> MTCC120. <i>Journal of Biotechnology</i> , 2016 , 226, 35-43	3.7	8
155	Tailoring degradation of AZ31 alloy by surface pre-treatment and electrospun PCL fibrous coating. <i>Materials Science and Engineering C</i> , 2016 , 65, 43-50	8.3	51
154	Mannosylerythritol Lipid-A as a Pour Point Depressant for Enhancing the Low-Temperature Fluidity of Biodiesel and Hydrocarbon Fuels. <i>Energy & Fuels</i> , 2016 , 30, 4118-4125	4.1	15
153	Inhibition of the enzymes in the leukotriene and prostaglandin pathways in inflammation by 3-aryl isocoumarins. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 428-434	6.8	13
152	Characterization and sorting of cells based on stiffness contrast in a microfluidic channel. <i>RSC Advances</i> , 2016 , 6, 74704-74714	3.7	27
151	Papain immobilized polyurethane as an ureteral stent material. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 723-31	3.5	5
150	Inhibition of microsomal prostaglandin E synthase-1 by phenanthrene imidazoles: a QSAR study. <i>Medicinal Chemistry Research</i> , 2015 , 24, 2213-2226	2.2	1
149	Design of biocomposite materials for bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2015 , 57, 452-63	8.3	186
148	Polydimethyl siloxane nanocomposites: Their antifouling efficacy in vitro and in marine conditions. <i>International Biodeterioration and Biodegradation</i> , 2015 , 104, 307-314	4.8	39
147	Accelerated Self-Hardening Tetracalcium Phosphate Based Bone Cement with Enhanced Strength and Biological Behaviour. <i>Transactions of the Indian Institute of Metals</i> , 2015 , 68, 299-304	1.2	5

146	A novel microwave recipe for an antibiofilm titanium surface. <i>Materials Science and Engineering C</i> , 2015 , 56, 215-22	8.3	1
145	ECarrageenan from marine red algae, Kappaphycus alvarezii A functional food to prevent colon carcinogenesis. <i>Journal of Functional Foods</i> , 2015 , 15, 354-364	5.1	51
144	Biocompatible ECarrageenan-Enaghemite nanocomposite for biomedical applications - synthesis, characterization and in vitro anticancer efficacy. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 18	9.4	26
143	Physicochemical characterization of wheat bran and Kappaphycus alvarezii dietary fibres and their ability to bind mutagens, PhIP, Trp-P-2, A£ and B£. <i>LWT - Food Science and Technology</i> , 2015 , 63, 169-176	5.4	7
142	Ellagic acid potentiates insulin sensitising activity of pioglitazone in L6 myotubes. <i>Journal of Functional Foods</i> , 2015 , 15, 1-10	5.1	24
141	Design of a papain immobilized antimicrobial food package with curcumin as a crosslinker. <i>PLoS ONE</i> , 2015 , 10, e0121665	3.7	28
140	Action of biosurfactant producing thermophilic Bacillus subtilis on waxy crude oil and long chain paraffins. <i>International Biodeterioration and Biodegradation</i> , 2015 , 105, 168-177	4.8	31
139	Bacterial resistance in biofilm-associated bacteria. <i>Future Microbiology</i> , 2015 , 10, 1743-50	2.9	87
138	Biosurfactant from Pseudomonas species with waxes as carbon source Their production, modeling and properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 31, 100-111	6.3	25
137	Bioremediation of Coastal and Marine Pollution due to Crude Oil Using a Microorganism Bacillus subtilis. <i>Procedia Engineering</i> , 2015 , 116, 213-220		21
136	Fast degradation and viscosity reduction of waxy crude oil and model waxy crude oil using Bacillus subtilis. <i>Journal of Petroleum Science and Engineering</i> , 2015 , 134, 158-166	4.4	19
135	Magnetoimpedance studies on urine treated Co66Ni7Si7B20 ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 394, 309-317	2.8	
134	Dual mode antibacterial activity of ion substituted calcium phosphate nanocarriers for bone infections. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 59	5.8	17
133	Nanomaterials for early detection of cancer biomarker with special emphasis on gold nanoparticles in immunoassays/sensors. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 688-698	11.8	133
132	Physicochemical and structural characterisation of marine algae Kappaphycus alvarezii and the ability of its dietary fibres to bind mutagenic amines. <i>Journal of Applied Phycology</i> , 2014 , 26, 2183-2191	3.2	11
131	Friction stir processing of magnesium-nanohydroxyapatite composites with controlled in vitro degradation behavior. <i>Materials Science and Engineering C</i> , 2014 , 39, 315-24	8.3	71
130	Nano-hydroxyapatite reinforced AZ31 magnesium alloy by friction stir processing: a solid state processing for biodegradable metal matrix composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 975-88	4.5	67
129	Achromobacter denitrificans SP1 produces pharmaceutically active 25C prodigiosin upon utilizing hazardous di(2-ethylhexyl)phthalate. <i>Bioresource Technology</i> , 2014 , 171, 482-6	11	14

128	Toxicity of high glycolic poly(DL-lactic-co-glycolic acid) stabilized ruthenium nanoparticles against human promyelocytic leukemia cells. <i>RSC Advances</i> , 2014 , 4, 11438	3.7	8
127	Chalcone coating on cotton cloth - an approach to reduce attachment of live microbes. <i>Biomaterials Science</i> , 2014 , 2, 990-995	7.4	11
126	Water dispersible Ag@polyaniline-pectin as supercapacitor electrode for physiological environment. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 5012-5019	7.3	36
125	Experimental and theoretical studies on Gallic acid assisted EDC/NHS initiated crosslinked collagen scaffolds. <i>Materials Science and Engineering C</i> , 2014 , 43, 164-71	8.3	31
124	Phytochemicals as inhibitors of bacterial cell division protein FtsZ: coumarins are promising candidates. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 283-96	3.2	44
123	Phthalates efficiently bind to human peroxisome proliferator activated receptor and retinoid X receptor α subtypes: an in silico approach. <i>Journal of Applied Toxicology</i> , 2014 , 34, 754-65	4.1	57
122	Characterization and applications of cyclic β (1,2)-glucan produced from <i>R. meliloti</i> . <i>RSC Advances</i> , 2014 , 4, 11393	3.7	13
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