

# Mariappan Rajan

## 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.

118  
papers

2,000  
citations

24  
h-index

38  
g-index

126  
ext. papers

2,465  
ext. citations

4.7  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
118	Hyper-branched multifunctional carbon nanotubes carrier for targeted liver cancer therapy. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103649	5.9	1
117	Recent Developments in Methicillin-Resistant Staphylococcus aureus (MRSA) Treatment: A Review. <i>Antibiotics</i> , <b>2022</b> , 11, 606	4.9	2
116	Matrix Metalloproteinases in Chemoresistance: Regulatory Roles, Molecular Interactions, and Potential Inhibitors.. <i>Journal of Oncology</i> , <b>2022</b> , 2022, 3249766	4.5	1
115	Fiber- and Fabric-Reinforced Shape-Memory Polymers <b>2022</b> , 267-286		1
114	Fabrication of Minerals Substituted Hydroxyapatite based Nanocomposite Coating on Titanium: Physico-Chemical and in vitro Biological Evaluations. <i>Asian Journal of Chemistry</i> , <b>2021</b> , 34, 85-92	0.4	
113	Engineered Hyaluronic Acid-Based Smart Nanoconjugates for Enhanced Intracellular Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> ,	3.9	1
112	Investigation of Minerals Substituted Hydroxyapatite Based Nanocomposite Coated Titanium Implant for Bone Tissue Engineering Applications. <i>Oriental Journal of Chemistry</i> , <b>2021</b> , 37, 1139-1145	0.8	
111	Injectable cuttlefish HAP and macromolecular fibroin protein hydrogel for natural bone mimicking matrix for enhancement of osteoinduction progression. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 160, 104841	4.6	7
110	Retraction notice to "Binary functional porous multi mineral-substituted apatite nanoparticles for reducing osteosarcoma colonization and enhancing osteoblast cell proliferation" [Mater. Sci. Eng. C (2017) 875-885]. <i>Materials Science and Engineering C</i> , <b>2021</b> , 123, 111947	8.3	
109	Multifunctional guar gum armed drug delivery system for the delivery of ofloxacin drug to treat ophthalmic diseases. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103118	5.9	4
108	Retinal photoreceptors targeting SA-AA coated multilamellar liposomes carrier system for cytotoxicity and cellular uptake evaluation. <i>Journal of Liposome Research</i> , <b>2021</b> , 31, 203-216	6.1	4
107	Progress in natural polymer engineered biomaterials for transdermal drug delivery systems. <i>Materials Today Chemistry</i> , <b>2021</b> , 19, 100382	6.2	23
106	Biosynthesis of nanoparticles and their roles in numerous areas. <i>Comprehensive Analytical Chemistry</i> , <b>2021</b> , 1-47	1.9	0
105	pH, thermo- and stimuli-responsive nanotherapy for tuberculosis <b>2021</b> , 119-148		
104	Promising Antiviral Molecules from Ayurvedic Herbs and Spices against COVID-19. <i>Chinese Journal of Integrative Medicine</i> , <b>2021</b> , 27, 243-244	2.9	3
103	Calcium alginate nanoparticle crosslinked phosphorylated polyallylamine to the controlled release of clindamycin for osteomyelitis treatment. <i>Drug Development and Industrial Pharmacy</i> , <b>2021</b> , 47, 280-291	3.6	4
102	Investigations of gold nanoparticles-mediated carbon nanotube reinforced hydroxyapatite composite for bone regenerations. <i>Journal of Saudi Chemical Society</i> , <b>2021</b> , 25, 101261	4.3	2

101	Targeted Delivery of Doxorubicin in HeLa Cells Using Self-Assembled Polymeric Nanocarriers Guided by Deep Eutectic Solvents. <i>ChemistrySelect</i> , <b>2021</b> , 6, 7232-7241	1.8	3
100	Enhanced bone tissue regeneration via bioactive electrospun fibrous composite coated titanium orthopedic implant. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 607, 120961	6.5	2
99	Natural Drug-Loaded Bimetal-Substituted Hydroxyapatite-Polymeric Composite for Osteosarcoma-Affected Bone Repair. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 731887	5.7	
98	Biomacromolecules of chitosan - Bacopa saponin based LipL32 gene delivery system for leptospirosis therapy. <i>Environmental Research</i> , <b>2021</b> , 202, 111699	7.9	0
97	Fungal keratitis infected eye treatment with antibiotic-loaded zinc ions tagged polyvinyl acetate phthalate-g-polypyrrole drug carrier. <i>Journal of Saudi Chemical Society</i> , <b>2021</b> , 25, 101347	4.3	
96	Fabrication of bone-targeting hyaluronic acid coupled alendronate-bioactive glass for osteosarcoma therapy. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 273, 125146	4.4	0
95	Fabrication of substituted hydroxyapatite-starch-clay bio-composite coated titanium implant for new bone formation. <i>Carbohydrate Polymers</i> , <b>2021</b> , 271, 118432	10.3	3
94	Immunomodulating polyorganophosphazene-arginine layered liposome antibiotic delivery vehicle against pulmonary tuberculosis. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 66, 102856	4.5	0
93	The osteogenic and bacterial inhibition potential of natural and synthetic compound loaded metal/ceramic composite coated titanium implant for orthopedic applications. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 15996-16010	3.6	1
92	Enhanced Doxorubicin Delivery in Folate-Overexpressed Breast Cancer Cells Using Mesoporous Carbon Nanospheres. <i>ACS Omega</i> , <b>2021</b> , 6, 34532-34545	3.9	0
91	Lanthanides-Substituted Hydroxyapatite/ Composite Coated Titanium Plate for Bone Tissue Regeneration. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 8261-8279	7.3	16
90	Combined photodynamic-chemotherapy investigation of cancer cells using carbon quantum dot-based drug carrier system. <i>Drug Delivery</i> , <b>2020</b> , 27, 791-804	7	24
89	Dicarboxylic acid cross-linked metal ion decorated bentonite clay and chitosan for fluoride removal studies. <i>RSC Advances</i> , <b>2020</b> , 10, 16791-16803	3.7	9
88	Curcumin and Gymnema sylvestre extract loaded graphene oxide-polyhydroxybutyrate-sodium alginate composite for diabetic wound regeneration. <i>Reactive and Functional Polymers</i> , <b>2020</b> , 154, 104674 <sup>6</sup>	4.6	12
87	Future needs and trends: influence of polymers on the environment <b>2020</b> , 593-634		1
86	Mechanism of loading and release in nanocontainers <b>2020</b> , 67-87		1
85	A magnetic nanoparticle functionalized reduced graphene oxide-based drug carrier system for a chemo-photodynamic cancer therapy. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 5265-5277	3.6	25
84	In Vivo Assessment of a Hydroxyapatite/ECarrageenan-Maleic Anhydride-Casein/Doxorubicin Composite-Coated Titanium Bone Implant. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1650-1662 <sup>5.5</sup>	5.5	11

83	Mineralization of bioactive marine sponge and electrophoretic deposition on Ti-6Al-4V implant for osteointegration. <i>Surface and Coatings Technology</i> , <b>2020</b> , 392, 125727	4.4	19
82	In vivo approach of simply constructed pyrazinamide conjugated chitosan-g-polycaprolactone micelles for methicillin resistance Staphylococcus aureus. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 158, 636-647	7.9	1
81	Biosynthesized Nanoparticles and Their Biological Applications. <i>Engineering Materials</i> , <b>2020</b> , 71-111	0.4	1
80	Natural deep eutectic solvent supported targeted solid-liquid polymer carrier for breast cancer therapy.. <i>RSC Advances</i> , <b>2020</b> , 10, 36989-37004	3.7	2
79	Amoxicillin loaded Nickel functionalized polymeric bentonite carrier for enhanced therapeutic activity. <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	
78	A promising drug delivery candidate (CS-g-PMDA-CYS-fused gold nanoparticles) for inhibition of multidrug-resistant uropathogenic. <i>Drug Delivery</i> , <b>2020</b> , 27, 1271-1282	7	5
77	Folic Acid Conjugated Polyglutamic Acid Drug Vehicle Synthesis through Deep Eutectic Solvent for Targeted Release of Paclitaxel. <i>ChemistrySelect</i> , <b>2019</b> , 4, 10225-10235	1.8	7
76	In-vivo assessment of minerals substituted hydroxyapatite / poly sorbitol sebacate glutamate (PSSG) composite coating on titanium metal implant for orthopedic implantation. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 119, 109404	7.5	20
75	Synthesis, optimization and applications of ZnO/polymer nanocomposites. <i>Materials Science and Engineering C</i> , <b>2019</b> , 98, 1210-1240	8.3	126
74	Batch and column approach on biosorption of fluoride from aqueous medium using live, dead and various pretreated Aspergillus niger (FS18) biomass. <i>Surfaces and Interfaces</i> , <b>2019</b> , 15, 60-69	4.1	17
73	Biomedical Applications of Hydroxyapatite Nanocomposites. <i>Lecture Notes in Bioengineering</i> , <b>2019</b> , 167-204	204	3
72	Polymer Composite Strategies in Cancer Therapy, Augment Stem Cell Osteogenesis, Diagnostics in the Central Nervous System, and Drug Delivery. <i>Lecture Notes in Bioengineering</i> , <b>2019</b> , 235-270	0.8	
71	Synthesis of bio-degradable poly(2-hydroxyethyl methacrylate) using natural deep eutectic solvents for sustainable cancer drug delivery. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	10
70	Dual Role of Lanthanum Oxide Nanoparticles Functionalized Co-Polymeric Micelle for Extended Anti-Cancer Drug Delivery. <i>ChemistrySelect</i> , <b>2019</b> , 4, 5206-5213	1.8	5
69	Fabrication of bioactive rifampicin loaded ECar-MA-INH/Nano hydroxyapatite composite for tuberculosis osteomyelitis infected tissue regeneration. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 565, 543-556	6.5	13
68	Development of biotin molecule targeted cancer cell drug delivery of doxorubicin loaded Earrageenan grafted graphene oxide nanocarrier. <i>Materials Science and Engineering C</i> , <b>2019</b> , 100, 676-687	8.3	42
67	Versatile pH-Responsive Chitosan-g-Polycaprolactone/Maleic Anhydride-Isoniazid Polymeric Micelle To Improve the Bioavailability of Tuberculosis Multidrugs.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 1931-1943	4.1	13
66	Copper Oxide Nanoparticles Synthesized Using Eupatorium odoratum, Acanthospermum hispidum Leaf Extracts, and Its Antibacterial Effects Against Pathogens: a Comparative Study. <i>BioNanoScience</i> , <b>2019</b> , 9, 545-552	3.4	10

65	Pulsed Electrodeposition of HAP/CPG-BSA/CUR Nanocomposite on Titanium Metal for Potential Bone Regeneration.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4756-4768	4.1	7
64	Functional Ionic Liquid-Capped Graphene Quantum Dots for Chromium Removal from Chromium Contaminated Water. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 651-667	2.8	16
63	Folate receptor targeted delivery of paclitaxel to breast cancer cells via folic acid conjugated graphene oxide grafted methyl acrylate nanocarrier. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 110, 906-917	7.5	55
62	Polymethyl methacrylate- $\beta$ -albumin @ graphene oxide drug carrier system for high anti-proliferative cancer drug delivery. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 1487-1500	3.3	22
61	Mechanism for the Nano-Based Drug Delivery System <b>2019</b> , 219-263		11
60	Sericin-chitosan doped maleate gellan gum nanocomposites for effective cell damage in Mycobacterium tuberculosis. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 122, 174-184	7.9	31
59	Mucoadhesive guar gum hydrogel inter-connected chitosan-g-polycaprolactone micelles for rifampicin delivery. <i>Carbohydrate Polymers</i> , <b>2019</b> , 206, 1-10	10.3	33
58	Coating of Bio-mimetic Minerals-Substituted Hydroxyapatite on Surgical Grade Stainless Steel 316L by Electrophoretic Deposition for Hard tissue Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 314, 012029	0.4	4
57	A pH-sensitive guar gum-grafted-lysine- $\beta$ -cyclodextrin drug carrier for the controlled release of 5-flourouracil into cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1519-1530	7.3	47
56	Osteoblast response to Vitamin D3 loaded cellulose enriched hydroxyapatite Mesoporous silica nanoparticles composite. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 858-868	7.5	18
55	Stimulus-responsive zinc oxide-functionalized macromolecular humic acid nanocarrier for enhancement of antibacterial activity of ciprofloxacin hydrochloride. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 114, 1109-1116	7.9	12
54	Iron and iron oxide nanoparticles are highly toxic to Culex quinquefasciatus with little non-target effects on larvivorous fishes. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 10504-10514	5.1	22
53	Hydrothermal synthesis of a mineral-substituted hydroxyapatite nanocomposite material for fluoride removal from drinking water. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12711-12721	3.6	25
52	Repeated infections of dengue (serotype DENV-2) in lung cells of BALB/c mice lead to severe histopathological consequences. <i>Pathogens and Global Health</i> , <b>2018</b> , 112, 259-267	3.1	1
51	Natural solvent-assisted synthesis of amphiphilic co-polymeric nanomicelles for prolonged release of camptothecin delivery. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10366-10375	3.6	25
50	Magnesium oxide entrapped Polypyrrole hybrid nanocomposite as an efficient selective scavenger for fluoride ion in drinking water. <i>Emergent Materials</i> , <b>2018</b> , 1, 25-33	3.5	24
49	A phosphorylated chitosan armed hydroxyapatite nanocomposite for advancing activity on osteoblast and osteosarcoma cells. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12457-12466	3.6	23
48	A mannose-conjugated multi-layered polymeric nanocarrier system for controlled and targeted release on alveolar macrophages. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 656-667	4.9	22

47	Development of self-repair nano-rod scaffold materials for implantation of osteosarcoma affected bone tissue. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 725-734	3.6	14
46	From waste to high-value product: Jackfruit peel derived pectin/apatite bionanocomposites for bone healing applications. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 293-301	7.9	24
45	Metal oxide nanoparticle-functionalized sebacic acid-grafted PHEAM nanocarriers for enriched activity of metronidazole against food borne bacteria: in vitro and in vivo study. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18437-18447	3.6	4
44	Deep Eutectic Solvent-Mediated FA- $\beta$ -Alanine-PCL Drug Carrier for Sustainable and Site-Specific Drug Delivery.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 2094-2109	4.1	18
43	Sericin/RBA embedded gellan gum based smart nanosystem for pH responsive drug delivery. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 1561-1571	7.9	21
42	Modulatory and regenerative potential of transplanted bone marrow-derived mesenchymal stem cells on rifampicin-induced kidney toxicity. <i>Regenerative Therapy</i> , <b>2018</b> , 9, 100-110	3.7	6
41	Cisplatin-Loaded Graphene Oxide/Chitosan/Hydroxyapatite Composite as a Promising Tool for Osteosarcoma-Affected Bone Regeneration. <i>ACS Omega</i> , <b>2018</b> , 3, 14620-14633	3.9	48
40	Development of cholate conjugated hybrid polymeric micelles for FXR receptor mediated effective site-specific delivery of paclitaxel. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17021-17032	3.6	15
39	Enhanced removal of hazardous fluoride from drinking water by using a smart material: Magnetic iron oxide fabricated layered double hydroxide/cellulose composite. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 5645-5654	6.8	19
38	Co-encapsulation of dual drug loaded in MLNPs: Implication on sustained drug release and effectively inducing apoptosis in oral carcinoma cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 104, 661-671	7.5	22
37	Silver nanoparticle functionalized CS-g-(CA-MA-PZA) carrier for sustainable anti-tuberculosis drug delivery. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 1627-1638	7.9	38
36	Polyorganophosphazene stabilized gold nanoparticles for intracellular drug delivery in breast carcinoma cells. <i>Process Biochemistry</i> , <b>2018</b> , 72, 152-161	4.8	16
35	Assembling of multifunctional latex-based hybrid nanocarriers from <i>Calotropis gigantea</i> for sustained (doxorubicin) DOX releases. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 87, 461-470	7.5	16
34	Sustainable pectin fascinating hydroxyapatite nanocomposite scaffolds to enhance tissue regeneration. <i>Sustainable Chemistry and Pharmacy</i> , <b>2017</b> , 5, 46-53	3.9	19
33	Micro-anatomical changes in major blood vessel caused by dengue virus (serotype 2) infection. <i>Acta Tropica</i> , <b>2017</b> , 171, 213-219	3.2	3
32	Binary functional porous multi mineral-substituted apatite nanoparticles for reducing osteosarcoma colonization and enhancing osteoblast cell proliferation. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 875-885	8.3	8
31	Development of extended-voyaging anti-oxidant Linked Amphiphilic Polymeric Nanomicelles for Anti-Tuberculosis Drug Delivery. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 524, 168-177	6.5	38
30	Mineral-substituted hydroxyapatite reinforced poly(raffinose-citric acid) $\beta$ polyethylene glycol nanocomposite enhances osteogenic differentiation and induces ectopic bone formation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3036-3047	3.6	7

29	Impact of dengue virus (serotype DENV-2) infection on liver of BALB/c mice: A histopathological analysis. <i>Tissue and Cell</i> , <b>2017</b> , 49, 86-94	2.7	11
28	Cytotoxicity assessment of palbociclib-loaded chitosan-polypropylene glycol nano vehicles for cancer chemotherapy. <i>Materials Today Chemistry</i> , <b>2017</b> , 6, 26-33	6.2	12
27	Magneto-chemotherapy for cervical cancer treatment with camptothecin loaded Fe <sub>3</sub> O <sub>4</sub> functionalized β-cyclodextrin nanovehicle. <i>RSC Advances</i> , <b>2017</b> , 7, 46271-46285	3.7	26
26	3D modelling of the pathogenic Leptospira protein LipL32: A bioinformatics approach. <i>Acta Tropica</i> , <b>2017</b> , 176, 433-439	3.2	1
25	Greener Synthesis of Nano Hydroxyapatite using Fatty acids template for the application of Tissue Engineering Nano Hydroxyapatite: Fatty acids Synthesis and Characterizations. <i>Journal of Molecular Pharmaceutics &amp; Organic Process Research</i> , <b>2017</b> , 05,		1
24	Investigation of lanthanum impregnated cellulose, derived from biomass, as an adsorbent for the removal of fluoride from drinking water. <i>Carbohydrate Polymers</i> , <b>2017</b> , 176, 402-410	10.3	44
23	Phosphorylated β-Carrageenan-Facilitated Chitosan Nanovehicle for Sustainable Anti-Tuberculosis Multi Drug Delivery. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7100-7107	1.8	13
22	Efficiency of newly formulated camptothecin with β-cyclodextrin-EDTA-FeO nanoparticle-conjugated nanocarriers as an anti-colon cancer (HT29) drug. <i>Scientific Reports</i> , <b>2017</b> , 7, 10962	4.9	32
21	Zn <sup>2+</sup> cross-linked sodium alginate-g-allylamine-mannose polymeric carrier of rifampicin for macrophage targeting tuberculosis nanotherapy. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11324-11334	3.6	27
20	Genomic plasticity between human and mycobacterial DNA: A review. <i>Tuberculosis</i> , <b>2017</b> , 107, 38-47	2.6	8
19	The synthesis, characterization and in vivo study of mineral substituted hydroxyapatite for prospective bone tissue rejuvenation applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 2661-2669	6	21
18	Thermoresponsive and pH triggered drug release of cholate functionalized poly(organophosphazene) /polylactic acid co-polymeric nanostructure integrated with ICG. <i>Polymer</i> , <b>2017</b> , 133, 119-128	3.9	34
17	Synthesis of morphology tuning multi mineral substituted apatite nanocrystals by novel natural deep eutectic solvents. <i>Materials Discovery</i> , <b>2017</b> , 9, 11-15		6
16	Investigation on the use of graphene as a unique drug delivery platform for dissimilar anticancer drugs <b>2017</b> , 1,		10
15	Synthesis and Spectral Characterization of Novel nano-Hydroxyapatite from Moringaoleifera Leaves. <i>Materials Today: Proceedings</i> , <b>2016</b> , 3, 2394-2398	1.4	16
14	Size-controlled synthesis of biodegradable nanocarriers for targeted and controlled cancer drug delivery using salting out cation. <i>Bulletin of Materials Science</i> , <b>2016</b> , 39, 69-77	1.7	12
13	Poly-carboxylic acids functionalized chitosan nanocarriers for controlled and targeted anti-cancer drug delivery. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 83, 201-211	7.5	35
12	Surface functionalization of natural lignin isolated from Aloe barbadensis Miller biomass by atom transfer radical polymerization for enhanced anticancer efficacy. <i>RSC Advances</i> , <b>2016</b> , 6, 51310-51319	3.7	24

11	Targeted delivery of rifampicin to tuberculosis-infected macrophages: design, in-vitro, and in-vivo performance of rifampicin-loaded poly(ester amide)s nanocarriers. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 513, 628-635	6.5	44
10	Mineral substituted hydroxyapatite coatings deposited on nanoporous TiO <sub>2</sub> modulate the directional growth and activity of osteoblastic cells. <i>RSC Advances</i> , <b>2015</b> , 5, 58980-58988	3.7	17
9	Osteoblast compatibility of minerals substituted hydroxyapatite reinforced poly(sorbitol sebacate adipate) nanocomposites for bone tissue application. <i>RSC Advances</i> , <b>2015</b> , 5, 44705-44713	3.7	21
8	Natural Deep Eutectic Solvent Extraction Media for Zingiber officinale Roscoe: The Study of Chemical Compositions, Antioxidants and Antimicrobial Activities. <i>Natural Products Journal</i> , <b>2015</b> , 5, 3-13	0.6	13
7	Hyaluronidase enzyme core-5-fluorouracil-loaded chitosan-PEG-gelatin polymer nanocomposites as targeted and controlled drug delivery vehicles. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 453, 514-22	6.5	67
6	Formation and characterization of chitosan-poly(lactic acid)-poly(ethylene glycol)-gelatin nanoparticles: a novel biosystem for controlled drug delivery. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 951-8	10.3	58
5	Study of Fluoride Affinity by Zirconium Impregnated Walnut Shell Carbon in Aqueous Phase: Kinetic and Isotherm Evaluation. <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-8	2.3	14
4	Kinetic and equilibrium studies on fluoride removal by zirconium (IV): Impregnated groundnut shell carbon. <i>Hemijaska Industrija</i> , <b>2010</b> , 64, 295-304	0.6	56
3	Comments on "Fluoride removal from water using activated and MnO <sub>2</sub> -coated tamarind fruit (Tamarindus indica) shell: batch and column studies". <i>Journal of Hazardous Materials</i> , <b>2010</b> , 183, 956-7	12.8	3
2	Equilibrium and kinetics of adsorption of fluoride onto zirconium impregnated cashew nut shell carbon. <i>Chemical Engineering Journal</i> , <b>2010</b> , 158, 451-457	14.7	164
1	Scientific rationale of Indian AYUSH Ministry advisory for COVID-19 prevention, prophylaxis, and immunomodulation. <i>Advances in Traditional Medicine</i> , 1	1.4	0