

Mani Gajendiran

List of Publications by Year in descending order

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28
papers

584
citations

687363

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610901

24
g-index

28
all docs

28
docs citations

28
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive biomaterials for tissue engineering applications. Journal of Industrial and Engineering Chemistry, 2017, 51, 12-26.	5.8	98
2	Isoniazid loaded core shell nanoparticles derived from PLGA-PEG-PLGA tri-block copolymers: In vitro and in vivo drug release. Colloids and Surfaces B: Biointerfaces, 2013, 104, 107-115.	5.0	55
3	Î-Carrageenan: An effective drug carrier to deliver curcumin in cancer cells and to induce apoptosis. Carbohydrate Polymers, 2017, 160, 184-193.	10.2	54
4	Gold nanoparticle conjugated PLGA-PEG-SA-PEG-PLGA multiblock copolymer nanoparticles: synthesis, characterization, in vivo release of rifampicin. Journal of Materials Chemistry B, 2014, 2, 418-427.	5.8	53
5	Recent Developments in Thiolated Polymeric Hydrogels for Tissue Engineering Applications. Tissue Engineering - Part B: Reviews, 2018, 24, 66-74.	4.8	37
6	Enhanced Skull Bone Regeneration by Sustained Release of BMP-2 in Interpenetrating Composite Hydrogels. Biomacromolecules, 2018, 19, 4239-4249.	5.4	34
7	Recent Strategies in Fabrication of Gradient Hydrogels for Tissue Engineering Applications. Macromolecular Bioscience, 2020, 20, e1900300.	4.1	31
8	Caffeine-loaded gold nanoparticles conjugated with PLA-PEG-PLA copolymer for in vitro cytotoxicity and anti-inflammatory activity. Journal of Industrial and Engineering Chemistry, 2017, 51, 113-121.	5.8	23
9	Green synthesis of multifunctional PEG-carboxylate and back-bonded gold nanoconjugates for breast cancer treatment. International Journal of Nanomedicine, 2019, Volume 14, 819-834.	6.7	22
10	Development of Folate-Thioglycolate-Gold Nanoconjugates by Using Citric Acid-PEG Branched Polymer for Inhibition of MCF-7 Cancer Cell Proliferation. Biomacromolecules, 2018, 19, 3257-3267.	5.4	19
11	Biocompatibility, <i>in Vitro</i> Antiproliferative, and <i>in Silico</i> EGFR/VEGFR2 Studies of Heteroleptic Metal(II) Complexes of Thiosemicarbazones and Naproxen. Chemical Research in Toxicology, 2019, 32, 1554-1571.	3.3	18
12	In Vitro Drug Release Behavior, Mechanism and Antimicrobial Activity of Rifampicin Loaded Low Molecular Weight PLGA-PEG-PLGA Triblock Copolymeric Nanospheres. Current Drug Delivery, 2013, 10, 722-731.	1.6	14
13	Synthesis of Leucas Aspera Extract Loaded Gold-PLA-PEG-PLA Amphiphilic Copolymer Nanoconjugates: <i>In Vitro</i> Cytotoxicity and Anti-Inflammatory Activity Studies. Journal of Nanoscience and Nanotechnology, 2016, 16, 4762-4770.	0.9	14
14	Synthesis of silver nanoparticles from Pedalium murex L. and its antiproliferative activity against breast cancer (MCF-7) cells. Journal of Molecular Structure, 2021, 1242, 130695.	3.6	14
15	Green Synthesis of Pectin-Gold-PLA-PEG-PLA Nanoconjugates: <i>In Vitro</i> Cytotoxicity and Anti-Inflammatory Activity. Journal of Nanoscience and Nanotechnology, 2017, 17, 4549-4557.	0.9	13
16	Influence of PEG chain length on colloidal stability of mPEGylated polycation based coacervates for therapeutic protein delivery. Journal of Industrial and Engineering Chemistry, 2020, 82, 234-242.	5.8	11
17	Silver(I) metallodrugs of thiosemicarbazones and naproxen: biocompatibility, <i>in vitro</i> anti-proliferative activity and <i>in silico</i> interaction studies with EGFR, VEGFR2 and LOX receptors. Toxicology Research, 2020, 9, 28-44.	2.1	11
18	Water Soluble Self-Aggregates Induced Green Emission of Biocompatible Citric Acid-PEG Hyper Branched Polymer. Scientific Reports, 2017, 7, 16418.	3.3	10

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19	Synthesis and characterization of biocompatible zinc oxide nanorod doped-titanium dioxide nanosheet. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 57, 387-395.	5.8	10
20	Development of Polymer Coacervate Structure with Enhanced Colloidal Stability for Therapeutic Protein Delivery. <i>Macromolecular Bioscience</i> , 2019, 19, 1900207.	4.1	9
21	In vitro controlled release of tuberculosis drugs by amphiphilic branched copolymer nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 181-188.	5.8	8
22	Multi-drug delivery of tuberculosis drugs by γ -back bonded gold nanoparticles with multiblock copolyesters. <i>Materials Research Express</i> , 2016, 3, 065401.	1.6	5
23	Potentiometric Back Titration of Isoniazid in Pharmaceutical Dosage Forms Using Copper Based Mercury Film Electrode. <i>Journal of the Korean Chemical Society</i> , 2011, 55, 620-625.	0.2	5
24	Green Synthesis of Piperine/Triton X-100/Silver Nanoconjugates: Antimicrobial Activity and Cytotoxicity. <i>Nano Biomedicine and Engineering</i> , 2018, 10, .	0.9	5
25	Fabrication of pH responsive coacervates using a polycation-b-polypropylene glycol diblock copolymer for versatile delivery platforms. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 36-46.	5.8	4
26	Green Synthesis of Piperine Loaded Gold/Triton X-100 Nanoconjugates: In-vitro Evaluation of Biocompatibility and Anti-Oxidant Activity. <i>Nano Biomedicine and Engineering</i> , 2019, 11, .	0.9	3
27	Biodegradable Amphiphilic Tri-Block Copolymeric Nanoparticles for Controlled MTB Drug Delivery. <i>Advanced Materials Research</i> , 0, 584, 460-464.	0.3	2
28	Ferrocenylimine-based homoleptic metal(II) complexes: Theoretical, biocompatibility, in vitro anti-proliferative, and in silico molecular docking and pharmacokinetics studies. <i>Journal of Molecular Structure</i> , 2022, 1250, 131905.	3.6	2