

Monika Singh

List of Publications by Year in descending order

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19
papers

419
citations

759055

12
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839398

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docs citations

21
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Brominated Graphene as Mimetic Peroxidase for Sulfide Ion Recognition. <i>Analytical Chemistry</i> , 2017, 89, 783-791.	3.2	63
2	Methotrexate-Loaded Four-Arm Star Amphiphilic Block Copolymer Elicits CD8 ⁺ T Cell Response against a Highly Aggressive and Metastatic Experimental Lymphoma. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20021-20033.	4.0	49
3	Synthesis of well-defined amphiphilic poly(d,l-lactide)-b-poly(N-vinylpyrrolidone) block copolymers using ROP and xanthate-mediated RAFT polymerization. <i>Polymer</i> , 2012, 53, 5743-5753.	1.8	39
4	Bone cement/layered double hydroxide nanocomposites as potential biomaterials for joint implant. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3363-3373.	2.1	36
5	In vitro biocompatibility analysis of functionalized poly(vinyl chloride)/layered double hydroxide nanocomposites. <i>RSC Advances</i> , 2018, 8, 40611-40620.	1.7	32
6	Targeted and Enhanced Antimicrobial Inhibition of Mesoporous ZnO@Ag ₂ O/Ag, ZnO@CuO, and ZnO@SnO ₂ Composite Nanoparticles. <i>ACS Omega</i> , 2021, 6, 31615-31631.	1.6	30
7	Chemical modification of poly(vinyl chloride) for blood and cellular biocompatibility. <i>RSC Advances</i> , 2015, 5, 45231-45238.	1.7	25
8	Layered double hydroxide induced advancement in joint prosthesis using bone cement: the effect of metal substitution. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2275.	2.9	23
9	Highly selective fluorescence "turn off" sensing of picric acid and efficient cell labelling by water-soluble luminescent anthracene-bridged poly(N-vinyl pyrrolidone). <i>Analyst</i> , 2019, 144, 3620-3634.	1.7	23
10	Tadpole-shaped β -cyclodextrin-tagged poly(N-vinylpyrrolidone): synthesis, characterization and studies of its complexation with phenolphthalein and anti tumor activities. <i>RSC Advances</i> , 2015, 5, 15547-15558.	1.7	22
11	Cytotoxic and apoptotic inducing activity of Amoora rohituka leaf extracts in human breast cancer cells. <i>Journal of Ayurveda and Integrative Medicine</i> , 2020, 11, 383-390.	0.9	22
12	Polyvinyl alcohol/chitosan lactate composite hydrogel for controlled drug delivery. <i>Materials Research Express</i> , 2019, 6, 115408.	0.8	17
13	Self-assembly of Novel Poly(d,l-Lactide-co-Glycolide)-b-Poly(N-Vinylpyrrolidone) (PLGA-b-PNVP) Amphiphilic Diblock Copolymers. <i>Colloid and Polymer Science</i> , 2016, 294, 399-407.	1.0	9
14	Targeted specific inhibition of bacterial and <i>Candida</i> species by mesoporous Ag/Sn@SnO ₂ composite nanoparticles: <i>in silico</i> and <i>in vitro</i> investigation. <i>RSC Advances</i> , 2021, 12, 1105-1120.	1.7	9
15	Functionalized polyvinyl chloride/layered double hydroxide nanocomposites and its thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48894.	1.3	8
16	Water Soluble Fluorescent Graphene Nanodots. <i>ChemNanoMat</i> , 2018, 4, 1177-1188.	1.5	5
17	Chemical Modification of Poly(vinyl chloride) by Thiourea: Influence of Surface Characteristics. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 1167-1170.	0.3	3
18	Thromboresistance of functionalized poly(methylmethacrylate): the effect of surface polarity. <i>Bulletin of Materials Science</i> , 2015, 38, 769-772.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Mesoporous $x[\text{Cu}(\text{II})\text{O}]$ nanoclusters dispersed and immobilized on $y\text{SiO}_2$ matrix: structure and effective controlled biocidal activity against <i>Pseudomonas aeruginosa</i> and <i>Bacillus subtilis</i> . Bulletin of Materials Science, 2020, 43, 1.	0.8	0