Mahdi Rahimi

List of Publications by Year in Descending Order

33 papers	2,120 citations	19 h-index	34 g-index
34 ext. papers	3,135 ext. citations	7 avg, IF	4.94 L-index

#	Paper	IF	Citations
33	Biocompatible functionalized graphene nanosheet for delivery of doxorubicin to breast cancer cells. *Journal of Drug Delivery Science and Technology*, **2022**, 70, 103234	4.5	0
32	Stimuli-responsive vitamin E-based micelles: Effective drug carriers with a controlled anticancer drug release. *Polymer*, **2022**, 253, 125001	3.9	
31	Novel Methotrexate-Ciprofloxacin Loaded Alginate-Clay Based Nanocomposite as Anticancer and Antibacterial Co-Drug Delivery System. *Advanced Pharmaceutical Bulletin*, **2021**, 11, 477-489	4.5	1
30	Were magnetic materials useful in cancer therapy?. *Biomedicine and Pharmacotherapy*, **2021**, 144, 112321	7.5	5
29	Recent developments in natural and synthetic polymeric drug delivery systems used for the treatment of osteoarthritis. *Acta Biomaterialia*, **2021**, 123, 31-50	10.8	20
28	Antimicrobial bio-nanocomposite films based on gelatin, tragacanth, and zinc oxide nanoparticles - Microstructural, mechanical, thermo-physical, and barrier properties. *Food Chemistry*, **2021**, 354, 129492	8.5	19
27	Molecular bottlebrush with pH-responsive cleavable bonds as a unimolecular vehicle for anticancer drug delivery. *Materials Science and Engineering C*, **2021**, 130, 112439	8.3	4
26	Enhanced catalytic performance of copper iodide in 1,2,3-triazole-imidazole hybrid synthesis, and evaluation of their anti-cancer activities along with optical properties besides 1H-tetrazole-imidazole hybrids. *Applied Organometallic Chemistry*, **2020**, 34, e5773	3.1	2
25	Preparation and in-vitro evaluation of pH-responsive cationic cyclodextrin coated magnetic nanoparticles for delivery of methotrexate to the Saos-2 bone cancer cells. *Journal of Drug Delivery Science and Technology*, **2020**, 57, 101584	4.5	14
24	Para-sulfonatocalix[n]arene-based biomaterials: Recent progress in pharmaceutical and biological applications. *European Journal of Medicinal Chemistry*, **2020**, 190, 112121	6.8	15
23	The Sensitization of Melatonin in Osteosarcoma Cells by Suppression of Anti-Apoptotic Proteins **2020**, 26, 159-164		2
22	Overcoming multidrug resistance in cancer: Recent progress in nanotechnology and new horizons. *IUBMB Life*, **2020**, 72, 855-871	4.7	42
21	Carbohydrate polymer-based silver nanocomposites: Recent progress in the antimicrobial wound dressings. *Carbohydrate Polymers*, **2020**, 231, 115696	10.3	59
20	Graphene quantum dot cross-linked carboxymethyl cellulose nanocomposite hydrogel for pH-sensitive oral anticancer drug delivery with potential bioimaging properties. *International Journal of Biological Macromolecules*, **2020**, 150, 1121-1129	7.9	48
19	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. *Journal of Drug Delivery Science and Technology*, **2020**, 60, 101974	4.5	19
18	Thiazolidine-2-Thione and 2-Imino-1,3-Dithiolane Derivatives: Synthesis and Evaluation of Antimicrobial Activity. *Pharmaceutical Chemistry Journal*, **2020**, 54, 588-595	0.9	2
17	The global, regional, and national burden of stomach cancer in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease study 2017. *The Lancet Gastroenterology and Hepatology*, **2020**, 5, 42-54	18.8	184

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16	The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Gastroenterology and Hepatology*, **2019**, 4, 934-947	18.8	167
15	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncology*, **2019**, 5, 1749-1768	13.4	888
14	Nanocrystalline cellulose: Preparation, physicochemical properties, and applications in drug delivery systems. *International Journal of Biological Macromolecules*, **2019**, 133, 850-859	7.9	49
13	New potentials for 3-hydroxy-3-methyl-glutaryl-coenzymeA reductase inhibitors: Possible applications in retarding diabetic complications. *Journal of Cellular Physiology*, **2019**, 234, 19393-19405	7	1
12	Needle-shaped amphoteric calix[4]arene as a magnetic nanocarrier for simultaneous delivery of anticancer drugs to the breast cancer cells. *International Journal of Nanomedicine*, **2019**, 14, 2619-2636	7.3	21
11	Polyelectrolyte Carboxymethyl Cellulose for Enhanced Delivery of Doxorubicin in MCF7 Breast Cancer Cells: Toxicological Evaluations in Mice Model. *Pharmaceutical Research*, **2019**, 36, 68	4.5	9
10	A novel bioactive quaternized chitosan and its silver-containing nanocomposites as a potent antimicrobial wound dressing: Structural and biological properties. *Materials Science and Engineering C*, **2019**, 101, 360-369	8.3	46
9	Metformin; an old antidiabetic drug with new potentials in bone disorders. *Biomedicine and Pharmacotherapy*, **2019**, 109, 1593-1601	7.5	47
8	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d-Ξocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. *Pharmaceutical Research*, **2018**, 35, 119	4.5	55
7	Preparation of biocompatible and biodegradable silk fibroin/chitin/silver nanoparticles 3D scaffolds as a bandage for antimicrobial wound dressing. *International Journal of Biological Macromolecules*, **2018**, 114, 961-971	7.9	69
6	Highly branched amine-functionalized p-sulfonatocalix[4]arene decorated with human plasma proteins as a smart, targeted, and stealthy nano-vehicle for the combination chemotherapy of MCF7 cells. *New Journal of Chemistry*, **2018**, 42, 13010-13024	3.6	19
5	Chitin/silk fibroin/TiO bio-nanocomposite as a biocompatible wound dressing bandage with strong antimicrobial activity. *International Journal of Biological Macromolecules*, **2018**, 116, 966-976	7.9	71
4	Multi-branched ionic liquid-chitosan as a smart and biocompatible nano-vehicle for combination chemotherapy with stealth and targeted properties. *Carbohydrate Polymers*, **2018**, 196, 299-312	10.3	47
3	Biocompatible magnetic tris(2-aminoethyl)amine functionalized nanocrystalline cellulose as a novel nanocarrier for anticancer drug delivery of methotrexate. *New Journal of Chemistry*, **2017**, 41, 2160-2168	3.6	59
2	Dendritic chitosan as a magnetic and biocompatible nanocarrier for the simultaneous delivery of doxorubicin and methotrexate to MCF-7 cell line. *New Journal of Chemistry*, **2017**, 41, 3177-3189	3.6	60
1	Co-delivery of doxorubicin and methotrexate by dendritic chitosan-g-mPEG as a magnetic nanocarrier for multi-drug delivery in combination chemotherapy. *Polymer Chemistry*, **2017**, 8, 7333-7350	4.9	75