

Fatemeh Farjadian

List of Publications by Year in descending order

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48
papers

2,046
citations

304602

22
h-index

243529

44
g-index

51
all docs

51
docs citations

51
times ranked

2592
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanopharmaceuticals and nanomedicines currently on the market: challenges and opportunities. <i>Nanomedicine</i> , 2019, 14, 93-126.	1.7	376
2	Mesoporous silica nanoparticles: Synthesis, pharmaceutical applications, biodistribution, and biosafety assessment. <i>Chemical Engineering Journal</i> , 2019, 359, 684-705.	6.6	159
3	Recent Developments in Graphene and Graphene Oxide: Properties, Synthesis, and Modifications: A Review. <i>ChemistrySelect</i> , 2020, 5, 10200-10219.	0.7	126
4	Stimulus-responsive sequential release systems for drug and gene delivery. <i>Nano Today</i> , 2020, 34, 100914.	6.2	125
5	<p>Applications of Graphene and Graphene Oxide in Smart Drug/Gene Delivery: Is the World Still Flat?</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9469-9496.	3.3	121
6	<p>Recent Advances in Designing 5-Fluorouracil Delivery Systems: A Stepping Stone in the Safe Treatment of Colorectal Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5445-5458.	3.3	102
7	Bacterial components as naturally inspired nano-carriers for drug/gene delivery and immunization: Set the bugs to work?. <i>Biotechnology Advances</i> , 2018, 36, 968-985.	6.0	95
8	Smart pH responsive drug delivery system based on poly(HEMA-co-DMAEMA) nanohydrogel. <i>International Journal of Pharmaceutics</i> , 2018, 552, 301-311.	2.6	71
9	Palladium nanoparticles supported on poly (N-vinylpyrrolidone)-grafted silica as new recyclable catalyst for Heck cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 594-599.	0.8	61
10	Synthesis and applications of polymeric N-heterocyclic carbene palladium complex-grafted silica as a novel recyclable nano-catalyst for Heck and Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2013, 37, 2011.	1.4	61
11	<p>Temperature and pH-responsive nano-hydrogel drug delivery system based on lysine-modified poly (vinylcaprolactam)</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6901-6915.	3.3	54
12	Hydroxyl-modified magnetite nanoparticles as novel carrier for delivery of methotrexate. <i>International Journal of Pharmaceutics</i> , 2016, 504, 110-116.	2.6	48
13	Synthesis of thermosensitive magnetic nanocarrier for controlled sorafenib delivery. <i>Materials Science and Engineering C</i> , 2016, 67, 42-50.	3.8	42
14	Insulin fibrillation: toward strategies for attenuating the process. <i>Chemical Communications</i> , 2020, 56, 11354-11373.	2.2	41
15	PCP-pincer palladium nanoparticles supported on modified Merrifield resin: A novel and efficient heterogeneous catalyst for carbon-carbon cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 10-16.	0.8	40
16	Controlled size synthesis and application of nanosphere MCM-41 as potent adsorber of drugs: A novel approach to new antidote agent for intoxication. <i>Microporous and Mesoporous Materials</i> , 2015, 213, 30-39.	2.2	33
17	Phosphinite-functionalized silica and hexagonal mesoporous silica containing palladium nanoparticles in Heck coupling reaction: synthesis, characterization, and catalytic activity. <i>RSC Advances</i> , 2015, 5, 79976-79987.	1.7	33
18	Antibody conjugated onto surface modified magnetic nanoparticles for separation of HER2+ breast cancer cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 490, 165479.	1.0	32

#	ARTICLE	IF	CITATIONS
19	Theranostic mesoporous silica nanoparticles made of multi-nuclear gold or carbon quantum dots particles serving as pH responsive drug delivery system. Microporous and Mesoporous Materials, 2022, 329, 111512.	2.2	31
20	Effects of different quantities of antibody conjugated with magnetic nanoparticles on cell separation efficiency. Heliyon, 2020, 6, e03677.	1.4	29
21	In vitro and in vivo assessment of EDTA-modified silica nano-spheres with supreme capacity of iron capture as a novel antidote agent. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 745-753.	1.7	28
22	Synthesis of phosphorothioates using thiophosphate salts. Beilstein Journal of Organic Chemistry, 2006, 2, 4.	1.3	26
23	Thermo-responsive nanocarrier based on poly(N-isopropylacrylamide) serving as a smart doxorubicin delivery system. Iranian Polymer Journal (English Edition), 2020, 29, 197-207.	1.3	25
24	<p></p>Core-Shell Imidazoline-Functionalized Mesoporous Silica-Superparamagnetic Hybrid Nanoparticles as a Potential Theranostic Agent for Controlled Delivery of Platinum(II) Compound</p>. International Journal of Nanomedicine, 2020, Volume 15, 2617-2631.	3.3	21
25	<p></p>EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity</p>. International Journal of Nanomedicine, 2019, Volume 14, 7781-7792.	3.3	20
26	Synthesis of novel reducing agent for formation of metronidazole-capped silver nanoparticle and evaluating antibacterial efficiency in gram-positive and gram-negative bacteria. Heliyon, 2020, 6, e04747.	1.4	20
27	Thin chitosan films containing super-paramagnetic nanoparticles with contrasting capability in magnetic resonance imaging. Journal of Materials Science: Materials in Medicine, 2017, 28, 47.	1.7	19
28	Assessment of pH Responsive Delivery of Methotrexate Based on PHEMA-st-PEG-DA Nanohydrogels. Macromolecular Research, 2021, 29, 54-61.	1.0	19
29	Novel functionalization of porous polypropylene microfiltration membranes: via grafted poly(aminoethyl methacrylate) anchored Schiff bases toward membrane adsorbers for metal ions. Polymer Chemistry, 2015, 6, 1584-1593.	1.9	17
30	<p></p>In vitro and in vivo Evaluation of Succinic Acid-Substituted Mesoporous Silica for Ammonia Adsorption: Potential Application in the Management of Hepatic Encephalopathy</p>. International Journal of Nanomedicine, 2020, Volume 15, 10085-10098.	3.3	17
31	Integrin receptor mediated pH-responsive nano-hydrogel based on histidine-modified poly(aminoethyl) Tj ETQq1 1 0.784314 rgBT /Ov Technology, 2021, 62, 102402.	1.4	17
32	Smart Stimuli-Responsive Nano-sized Hosts for Drug Delivery. , 2016, , 1-26.		14
33	A novel approach to the application of hexagonal mesoporous silica in solid-phase extraction of drugs. Heliyon, 2018, 4, e00930.	1.4	13
34	Spermine Modified PNIPAAm Nano-Hydrogel Serving as Thermo-Responsive System for Delivery of Cisplatin. Macromolecular Research, 2022, 30, 314-324.	1.0	13
35	Drug-based therapeutic strategies for COVID-19-infected patients and their challenges. Future Microbiology, 2021, 16, 1415-1451.	1.0	12
36	A NEW, EFFICIENT AND SIMPLE METHOD FOR THE SYNTHESIS OF THIOAMIDES FROM NITRILES. Organic Preparations and Procedures International, 2006, 38, 412-417.	0.6	10

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37	Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1637-1652.	1.2	10
38	Poly(vinylpyridine)-Grafted Silica Containing Palladium or Nickel Nanoparticles as Heterogeneous Catalysts for the Sonogashira Coupling Reaction. <i>ChemPlusChem</i> , 2014, 79, 1767-1773.	1.3	9
39	Simvastatin-chitosan-citicoline conjugates nanoparticles as the co-delivery system in Alzheimer susceptible patients. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1396-1407.	3.6	9
40	Inhibitory effect of coumarin and its analogs on insulin fibrillation /cytotoxicity is depend on oligomerization states of the protein. <i>RSC Advances</i> , 2020, 10, 38260-38274.	1.7	9
41	Nanolipodendrosome-loaded glatiramer acetate and myogenic differentiation 1 as augmentation therapeutic strategy approaches in muscular dystrophy. <i>International Journal of Nanomedicine</i> , 2013, 8, 2943.	3.3	8
42	Biaryl formation via Suzuki and Stille coupling reactions using palladium nanoparticle/polymeric N-heterocyclic carbene grafted silica as recyclable and efficient catalyst. <i>Applied Organometallic Chemistry</i> , 2016, 30, 818-822.	1.7	8
43	Modified Merrifield resin-supported PCP pincer palladium nanoparticles as a new polymeric catalyst for cyanation of aryl iodides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 123-128.	0.8	7
44	Palladium Nanoparticles Supported on Poly(<i>N</i> -vinylpyrrolidone)-Grafted Silica as an Efficient Catalyst for Copper-Free Sonogashira and Suzuki Cross-Coupling Reactions. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	6
45	The inhibitory effect of curcumin loaded poly (vinyl caprolactam) nanohydrogel on insulin fibrillation. <i>Process Biochemistry</i> , 2022, 117, 209-218.	1.8	4
46	High yield gold nanoparticle-based DNA isolation method for human papillomaviruses genotypes from cervical cancer tissue samples. <i>IET Nanobiotechnology</i> , 2020, 14, 555-562.	1.9	2
47	Sustained release of linezolid in ocular insert based on lipophilic modified structure of sodium alginate. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 331-340.	1.0	2
48	In vitro DNA plasmid condensation and transfection through pH-responsive nanohydrogel. <i>Progress in Biomaterials</i> , 2022, 11, 219-227.	1.8	1