

Fatemeh Farjadian

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	The inhibitory effect of curcumin loaded poly (vinyl caprolactam) nanohydrogel on insulin fibrillation. Process Biochemistry, 2022, 117, 209-218.	1.8	4
3	Spermine Modified PNIPAAm Nano-Hydrogel Serving as Thermo-Responsive System for Delivery of Cisplatin. Macromolecular Research, 2022, 30, 314-324.	1.0	13
4	In vitro DNA plasmid condensation and transfection through pH-responsive nanohydrogel. Progress in Biomaterials, 2022, 11, 219-227.	1.8	1
5	Assessment of pH Responsive Delivery of Methotrexate Based on PHEMA-st-PEG-DA Nanohydrogels. Macromolecular Research, 2021, 29, 54-61.	1.0	19
6	Integrin receptor mediated pH-responsive nano-hydrogel based on histidine-modified poly(aminoethyl) Tj ETQq0 0 0 rgBT /Overlock 10 T Technology, 2021, 62, 102402.	1.4	17
7	Sustained release of linezolid in ocular insert based on lipophilic modified structure of sodium alginate. Iranian Journal of Basic Medical Sciences, 2021, 24, 331-340.	1.0	2
8	Drug-based therapeutic strategies for COVID-19-infected patients and their challenges. Future Microbiology, 2021, 16, 1415-1451.	1.0	12
9	Simvastatin-chitosan-citicoline conjugates nanoparticles as the co-delivery system in Alzheimer susceptible patients. International Journal of Biological Macromolecules, 2020, 156, 1396-1407.	3.6	9
10	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
11	Inhibitory effect of coumarin and its analogs on insulin fibrillation /cytotoxicity is depend on oligomerization states of the protein. RSC Advances, 2020, 10, 38260-38274.	1.7	9
12	<p>Applications of Graphene and Graphene Oxide in Smart Drug/Gene Delivery: Is the World Still Flat?</p>. International Journal of Nanomedicine, 2020, Volume 15, 9469-9496.	3.3	121
13	<p>Recent Advances in Designing 5-Fluorouracil Delivery Systems: A Stepping Stone in the Safe Treatment of Colorectal Cancer</p>. International Journal of Nanomedicine, 2020, Volume 15, 5445-5458.	3.3	102
14	Recent Developments in Graphene and Graphene Oxide: Properties, Synthesis, and Modifications: A Review. ChemistrySelect, 2020, 5, 10200-10219.	0.7	126
15	Insulin fibrillation: toward strategies for attenuating the process. Chemical Communications, 2020, 56, 11354-11373.	2.2	41
16	<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
17	<p>CoreâShell ImidazolineâFunctionalized Mesoporous Silica&A;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
18	Stimulus-responsive sequential release systems for drug and gene delivery. Nano Today, 2020, 34, 100914.	6.2	125

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19	Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1637-1652.	1.2	10
20	Thermo-responsive nanocarrier based on poly(N-isopropylacrylamide) serving as a smart doxorubicin delivery system. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 197-207.	1.3	25
21	Effects of different quantities of antibody conjugated with magnetic nanoparticles on cell separation efficiency. <i>Heliyon</i> , 2020, 6, e03677.	1.4	29
22	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
23	<p>EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7781-7792.	3.3	20
24	<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
25	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
26	Nanopharmaceuticals and nanomedicines currently on the market: challenges and opportunities. <i>Nanomedicine</i> , 2019, 14, 93-126.	1.7	376
27	Mesoporous silica nanoparticles: Synthesis, pharmaceutical applications, biodistribution, and biosafety assessment. <i>Chemical Engineering Journal</i> , 2019, 359, 684-705.	6.6	159
28	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
29	A novel approach to the application of hexagonal mesoporous silica in solid-phase extraction of drugs. <i>Heliyon</i> , 2018, 4, e00930.	1.4	13
30	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
31	Thin chitosan films containing super-paramagnetic nanoparticles with contrasting capability in magnetic resonance imaging. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 47.	1.7	19
32	In vitro and in vivo assessment of EDTA-modified silica nano-spheres with supreme capacity of iron capture as a novel antidote agent. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 745-753.	1.7	28
33	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
34	Smart Stimuli-Responsive Nano-sized Hosts for Drug Delivery. , 2016, , 1-26.		14
35	Synthesis of thermosensitive magnetic nanocarrier for controlled sorafenib delivery. <i>Materials Science and Engineering C</i> , 2016, 67, 42-50.	3.8	42
36	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

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37	Hydroxyl-modified magnetite nanoparticles as novel carrier for delivery of methotrexate. <i>International Journal of Pharmaceutics</i> , 2016, 504, 110-116.	2.6	48
38	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
39	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
40	Novel functionalization of porous polypropylene microfiltration membranes: via grafted poly(aminoethyl methacrylate) anchored Schiff bases toward membrane adsorbers for metal ions. <i>Polymer Chemistry</i> , 2015, 6, 1584-1593.	1.9	17
41	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
42	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
43	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
44	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
45	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
46	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
47	A NEW, EFFICIENT AND SIMPLE METHOD FOR THE SYNTHESIS OF THIOAMIDES FROM NITRILES. <i>Organic Preparations and Procedures International</i> , 2006, 38, 412-417.	0.6	10
48	Synthesis of phosphorothioates using thiophosphate salts. <i>Beilstein Journal of Organic Chemistry</i> , 2006, 2, 4.	1.3	26