Sajid Asghar

List of Publications by Year
in descending order

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66 papers	1,580 citations	304368 22 h-index	329751 37 g-index
66 all docs	66 docs citations	66 times ranked	2364 citing authors

#	Article	IF	Citations
1	A novel LDL-mimic nanocarrier for the targeted delivery of curcumin into the brain to treat Alzheimer's disease. Colloids and Surfaces B: Biointerfaces, 2015, 134, 88-97.	2.5	136
2	Aqueous Solubility and Degradation Kinetics of the Phytochemical Anticancer Thymoquinone; Probing the Effects of Solvents, pH and Light. Molecules, 2014, 19, 5925-5939.	1.7	119
3	ROS-triggered and regenerating anticancer nanosystem: An effective strategy to subdue tumor's multidrug resistance. Journal of Controlled Release, 2014, 196, 370-383.	4.8	95
4	Hyaluronic acid/chitosan nanoparticles for delivery of curcuminoid and its in vitro evaluation in glioma cells. International Journal of Biological Macromolecules, 2015, 72, 1391-1401.	3.6	85
5	Engineering Exosome-Like Nanovesicles Derived from Asparagus cochinchinensis Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. International Journal of Nanomedicine, 2021, Volume 16, 1575-1586.	3.3	75
6	Lactoferrin-coated polysaccharide nanoparticles based on chitosan hydrochloride/hyaluronic acid/PEG for treating brain glioma. Carbohydrate Polymers, 2017, 157, 419-428.	5.1	62
7	In vitro and in vivo evaluation of gellan gum hydrogel films: Assessing the co impact of therapeutic oils and ofloxacin on wound healing. International Journal of Biological Macromolecules, 2021, 166, 483-495.	3.6	56
8	Tween 80-modified hyaluronic acid-ss-curcumin micelles for targeting glioma: Synthesis, characterization and their in vitro evaluation. International Journal of Biological Macromolecules, 2018, 120, 2579-2588.	3.6	43
9	Improving intestinal absorption and oral bioavailability of curcumin via taurocholic acid-modified nanostructured lipid carriers. International Journal of Nanomedicine, 2017, Volume 12, 7897-7911.	3.3	42
10	Formulation and evaluation of natural gum-based sustained release matrix tablets of flurbiprofen using response surface methodology. Drug Development and Industrial Pharmacy, 2009, 35, 1470-1478.	0.9	40
11	N-acetyl-L-cysteine functionalized nanostructured lipid carrier for improving oral bioavailability of curcumin: preparation, in vitro and in vivo evaluations. Drug Delivery, 2017, 24, 1605-1616.	2.5	40
12	Design and evaluation of lipoprotein resembling curcumin-encapsulated protein-free nanostructured lipid carrier for brain targeting. International Journal of Pharmaceutics, 2016, 506, 46-56.	2.6	39
13	The effect of the molecular weight of hyaluronic acid on the physicochemical characterization of hyaluronic acid-curcumin conjugates and in vitro evaluation in glioma cells. Colloids and Surfaces B: Biointerfaces, 2018, 165, 45-55.	2.5	38
14	Lactoferrin/phenylboronic acid-functionalized hyaluronic acid nanogels loading doxorubicin hydrochloride for targeting glioma. Carbohydrate Polymers, 2021, 253, 117194.	5.1	38
15	Nanoemulgel, an Innovative Carrier for Diflunisal Topical Delivery with Profound Anti-Inflammatory Effect: in vitro and in vivo Evaluation. International Journal of Nanomedicine, 2021, Volume 16, 1457-1472.	3.3	37
16	Nanoparticles based on chitosan hydrochloride/hyaluronic acid/PEG containing curcumin: In vitro evaluation and pharmacokinetics in rats. International Journal of Biological Macromolecules, 2017, 102, 1083-1091.	3.6	36
17	Mesenchymal stem cells-curcumin loaded chitosan nanoparticles hybrid vectors for tumor-tropic therapy. International Journal of Biological Macromolecules, 2019, 134, 1002-1012.	3.6	32
18	BSA Nanoparticles Modified with N-Acetylcysteine for Improving the Stability and Mucoadhesion of Curcumin in the Gastrointestinal Tract. Journal of Agricultural and Food Chemistry, 2019, 67, 9371-9381.	2.4	30

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19	O-Carboxymethylated chitosan; A promising tool with in-vivo anti-inflammatory and analgesic properties in albino rats. International Journal of Biological Macromolecules, 2020, 156, 531-536.	3.6	30
20	Polybutylcyanoacrylate nanocarriers as promising targeted drug delivery systems. Journal of Drug Targeting, 2015, 23, 481-496.	2.1	28
21	Polysaccharide-based nanoparticles for co-loading mitoxantrone and verapamil to overcome multidrug resistance in breast tumor. International Journal of Nanomedicine, 2017, Volume 12, 7337-7350.	3.3	24
22	A facile approach for crosslinker free nano self assembly of protein for anti-tumor drug delivery: Factorsâ€™ optimization, characterization and in vitro evaluation. European Journal of Pharmaceutical Sciences, 2014, 63, 53-62.	1.9	23
23	Amino-decorated mesoporous silica nanoparticles for controlled sofosbuvir delivery. European Journal of Pharmaceutical Sciences, 2020, 143, 105184.	1.9	23
24	In-Vitro and In-Vivo Evaluation of Velpatasvir- Loaded Mesoporous Silica Scaffolds. A Prospective Carrier for Drug Bioavailability Enhancement. Pharmaceutics, 2020, 12, 307.	2.0	23
25	Preparation of a paclitaxel-loaded cationic nanoemulsome and its biodistribution via direct intratumoral injection. Colloids and Surfaces B: Biointerfaces, 2016, 142, 81-88.	2.5	21
26	Borneol and poly (ethylene glycol) dual modified BSA nanoparticles as an itraconazole vehicle for brain targeting. International Journal of Pharmaceutics, 2020, 575, 119002.	2.6	21
27	In vitro and toxicological assessment of dexamethasone sodium phosphate loaded pH sensitive Pectin-g-poly(AA)/PVP semi interpenetrating network. Materials Today Communications, 2020, 25, 101325.	0.9	20
28	Glimepiride-Loaded Nanoemulgel; Development, In Vitro Characterization, Ex Vivo Permeation and In Vivo Antidiabetic Evaluation. Cells, 2021, 10, 2404.	1.8	19
29	Amorphous solid dispersion with increased gastric solubility in tandem with oral disintegrating tablets: a successful approach to improve the bioavailability of atorvastatin. Pharmaceutical Development and Technology, 2015, 20, 465-472.	1.1	18
30	The enhancing effect of N-acetylcysteine modified hyaluronic acid-octadecylamine micelles on the oral absorption of paclitaxel. International Journal of Biological Macromolecules, 2019, 138, 636-647.	3.6	18
31	In vitro and in vivo evaluation of 10-hydroxycamptothecin-loaded poly (n-butyl cyanoacrylate) nanoparticles prepared by miniemulsion polymerization. Colloids and Surfaces B: Biointerfaces, 2018, 162, 25-34.	2.5	17
32	Understanding the cellular uptake and biodistribution of a dual-targeting carrier based on redox-sensitive hyaluronic acid-ss-curcumin micelles for treating brain glioma. International Journal of Biological Macromolecules, 2019, 136, 143-153.	3.6	16
33	Chitosan hydrochloride/hyaluronic acid nanoparticles coated by mPEG as long-circulating nanocarriers for systemic delivery of mitoxantrone. International Journal of Biological Macromolecules, 2018, 113, 345-353.	3.6	15
34	Hepatoprotective and Renoprotective Properties of Lovastatin-Loaded Ginger and Garlic Oil Nanoemulsomes: Insights into Serum Biological Parameters. Medicina (Lithuania), 2019, 55, 579.	0.8	15
35	Multifunctional nanorods based on self-assembly of biomimetic apolipoprotein E peptide for the treatment of Alzheimer's disease. Journal of Controlled Release, 2021, 335, 637-649.	4.8	14
36	Dual-targeted enzyme-sensitive hyaluronic acid nanogels loading paclitaxel for the therapy of breast cancer. Carbohydrate Polymers, 2022, 294, 119785.	5.1	14

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37	N-acetylcysteine modified hyaluronic acid-paclitaxel conjugate for efficient oral chemotherapy through mucosal bioadhesion ability. Colloids and Surfaces B: Biointerfaces, 2018, 172, 655-664.	2.5	13
38	Mitoxantrone-loaded chitosan/hyaluronate polyelectrolyte nanoparticles decorated with amphiphilic PEG derivates for long-circulating effect. Colloids and Surfaces B: Biointerfaces, 2018, 171, 468-477.	2.5	13
39	Local strategies and delivery systems for the treatment of malignant gliomas. Journal of Drug Targeting, 2019, 27, 367-378.	2.1	13
40	A combination of receptor mediated transcytosis and photothermal effect promotes BBB permeability and the treatment of meningitis using itraconazole. Nanoscale, 2020, 12, 23709-23720.	2.8	13
41	Effect of Hydrophilic Polymers on Complexation Efficiency of Cyclodextrins in Enhancing Solubility and Release of Diflunisal. Polymers, 2020, 12, 1564.	2.0	13
42	Pectin-based hydrogels with adjustable properties for controlled delivery of nifedipine: development and optimization. Polymer Bulletin, 2020, 77, 6063-6083.	1.7	10
43	Development and Characterization of EudragitÂ® EPO-Based Solid Dispersion of Rosuvastatin Calcium to Foresee the Impact on Solubility, Dissolution and Antihyperlipidemic Activity. Pharmaceuticals, 2022, 15, 492.	1.7	10
44	The enhancement of N-acetylcysteine on intestinal absorption and oral bioavailability of hydrophobic curcumin. European Journal of Pharmaceutical Sciences, 2020, 154, 105506.	1.9	9
45	Assessing the pH responsive and mucoadhesive behavior of dexamethasone sodium phosphate loaded itaconic acid-grafted-poly(acrylamide)/carbopol semi-interpenetrating networks. Journal of Polymer Research, 2021, 28, 1.	1.2	9
46	Plant-derived nanotherapeutic systems to counter the overgrowing threat of resistant microbes and biofilms. Advanced Drug Delivery Reviews, 2021, 179, 114019.	6.6	9
47	Advances in chlorin-based photodynamic therapy with nanoparticle delivery system for cancer treatment. Expert Opinion on Drug Delivery, 2021, 18, 1473-1500.	2.4	8
48	Solubility and Dissolution Enhancement of Dexibuprofen with Hydroxypropylbetacyclodextrin (HPÎ²CD) and Poloxamers (188/407) Inclusion Complexes: Preparation and In Vitro Characterization. Polymers, 2022, 14, 579.	2.0	7
49	Assessing the Synergistic Activity of Clarithromycin and Therapeutic Oils Encapsulated in Sodium Alginate Based Floating Microbeads. Microorganisms, 2022, 10, 1171.	1.6	7
50	Enhanced oral bioavailability of 10-hydroxycamptothecin through the use of poly (n-butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.9	6
51	In Vitro and Biological Characterization of Dexamethasone Sodium Phosphate Laden pH-Sensitive and Mucoadhesive Hydroxy Propyl Î²-Cyclodextrin-g-poly(Acrylic Acid)/Gelatin Semi-Interpenetrating Networks. Gels, 2022, 8, 290.	2.1	6
52	Probing the effect of various lipids and polymer blends on clopidogrel encapsulated floating microcarriers. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 571-582.	0.9	5
53	Multistage release matrices for potential antiplatelet therapy: Assessing the impact of polymers and Sorb-Cel MÂ® on floating, swelling, and release behavior. Journal of Drug Delivery Science and Technology, 2020, 55, 101387.	1.4	5
54	Overview of Mechanical and Physicochemical Properties of Polymer Matrix Composites. , 2021, , 565-576.		4

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55	Effect of Cyclodextrin Derivatization on Solubility and Efficacy of Drugs. , 0, , .		3
56	Optimization, in vitro release and toxicity evaluation of novel pH sensitive itaconic acid-g-poly(acrylamide)/sterculia gum semi-interpenetrating networks. DARU, Journal of Pharmaceutical Sciences, 2021, 29, 171-184.	0.9	3
57	Introductory Chapter: Ion Channels. , 2018, , .		2
58	Multifunctional Polymer Matrix Composites. , 2021, , 937-946.		2
59	Hydrogel Composite Films for Wound Healing. , 2021, , 887-904.		2
60	Preparation and evaluation of oral self-microemulsifying drug delivery system of Chlorophyll. Drug Development and Industrial Pharmacy, 2021, 47, 1-33.	0.9	2
61	Effects of phospholipid and polyethylene glycol monostearate (100) on the in vitro and in vivo physico-chemical characterization of poly(n-butyl cyanoacrylate) nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 173, 320-326.	2.5	1
62	Facile synthesis of mesoporous silica nanoparticles using modified sol-gel method: Optimization and in vitro cytotoxicity studies. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 1805-1812.	0.2	1
63	Development and validation of a stability-Indicating RP-HPLC method for simultaneous estimation of sofosbuvir and velpatasvir in fixed dose combination tablets and plasma. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 1835-1842.	0.2	1
64	Equilibrium, kinetics, thermodynamics and docking studies of Cu2+ ion adsorption over ion-exchange resin and kappa carrageenan blends in blood samples. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 795-803.	0.2	1
65	Polymer Composites for Organ Reconstruction. , 2021, , 905-914.		0
66	Marine Polysaccharide-Based Composite Hydrogels. , 2021, , 929-936.		0