

# 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	Solubility and Dissolution Enhancement of Dexibuprofen with Hydroxypropylbetacyclodextrin (HP $\beta$ CD) and Poloxamers (188/407) Inclusion Complexes: Preparation and In Vitro Characterization. <i>Polymers</i> , 2022, 14, 579.	2.0	7
2	Development and Characterization of Eudragit $\text{\textcircled{R}}$ EPO-Based Solid Dispersion of Rosuvastatin Calcium to Foresee the Impact on Solubility, Dissolution and Antihyperlipidemic Activity. <i>Pharmaceuticals</i> , 2022, 15, 492.	1.7	10
3	In Vitro and Biological Characterization of Dexamethasone Sodium Phosphate Laden pH-Sensitive and Mucoadhesive Hydroxy Propyl $\beta$ -Cyclodextrin-g-poly(Acrylic Acid)/Gelatin Semi-Interpenetrating Networks. <i>Gels</i> , 2022, 8, 290.	2.1	6
4	Assessing the Synergistic Activity of Clarithromycin and Therapeutic Oils Encapsulated in Sodium Alginate Based Floating Microbeads. <i>Microorganisms</i> , 2022, 10, 1171.	1.6	7
5	Dual-targeted enzyme-sensitive hyaluronic acid nanogels loading paclitaxel for the therapy of breast cancer. <i>Carbohydrate Polymers</i> , 2022, 294, 119785.	5.1	14
6	Multifunctional Polymer Matrix Composites. , 2021, , 937-946.		2
7	In vitro and in vivo evaluation of gellan gum hydrogel films: Assessing the co impact of therapeutic oils and ofloxacin on wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 483-495.	3.6	56
8	Lactoferrin/phenylboronic acid-functionalized hyaluronic acid nanogels loading doxorubicin hydrochloride for targeting glioma. <i>Carbohydrate Polymers</i> , 2021, 253, 117194.	5.1	38
9	Hydrogel Composite Films for Wound Healing. , 2021, , 887-904.		2
10	Polymer Composites for Organ Reconstruction. , 2021, , 905-914.		0
11	Marine Polysaccharide-Based Composite Hydrogels. , 2021, , 929-936.		0
12	Engineering Exosome-Like Nanovesicles Derived from <i>Asparagus cochinchinensis</i> Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1575-1586.	3.3	75
13	Nanoemulgel, an Innovative Carrier for Diflunisal Topical Delivery with Profound Anti-Inflammatory Effect: in vitro and in vivo Evaluation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1457-1472.	3.3	37
14	Preparation and evaluation of oral self-microemulsifying drug delivery system of Chlorophyll. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 1-33.	0.9	2
15	Optimization, in vitro release and toxicity evaluation of novel pH sensitive itaconic acid-g-poly(acrylamide)/sterculia gum semi-interpenetrating networks. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 171-184.	0.9	3
16	Assessing the pH responsive and mucoadhesive behavior of dexamethasone sodium phosphate loaded itaconic acid-grafted-poly(acrylamide)/carbopol semi-interpenetrating networks. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	9
17	Multifunctional nanorods based on self-assembly of biomimetic apolipoprotein E peptide for the treatment of Alzheimer's disease. <i>Journal of Controlled Release</i> , 2021, 335, 637-649.	4.8	14
18	Advances in chlorin-based photodynamic therapy with nanoparticle delivery system for cancer treatment. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1473-1500.	2.4	8

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19	Glimepiride-Loaded Nanoemulgel; Development, In Vitro Characterization, Ex Vivo Permeation and In Vivo Antidiabetic Evaluation. <i>Cells</i> , 2021, 10, 2404.	1.8	19
20	Overview of Mechanical and Physicochemical Properties of Polymer Matrix Composites. , 2021, , 565-576.		4
21	Plant-derived nanotherapeutic systems to counter the overgrowing threat of resistant microbes and biofilms. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114019.	6.6	9
22	Pectin-based hydrogels with adjustable properties for controlled delivery of nifedipine: development and optimization. <i>Polymer Bulletin</i> , 2020, 77, 6063-6083.	1.7	10
23	Borneol and poly (ethylene glycol) dual modified BSA nanoparticles as an itraconazole vehicle for brain targeting. <i>International Journal of Pharmaceutics</i> , 2020, 575, 119002.	2.6	21
24	Multistage release matrices for potential antiplatelet therapy: Assessing the impact of polymers and Sorb-Cel MA® on floating, swelling, and release behavior. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101387.	1.4	5
25	Amino-decorated mesoporous silica nanoparticles for controlled sofosbuvir delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105184.	1.9	23
26	A combination of receptor mediated transcytosis and photothermal effect promotes BBB permeability and the treatment of meningitis using itraconazole. <i>Nanoscale</i> , 2020, 12, 23709-23720.	2.8	13
27	The enhancement of N-acetylcysteine on intestinal absorption and oral bioavailability of hydrophobic curcumin. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 154, 105506.	1.9	9
28	Effect of Hydrophilic Polymers on Complexation Efficiency of Cyclodextrins in Enhancing Solubility and Release of Diflunisal. <i>Polymers</i> , 2020, 12, 1564.	2.0	13
29	In vitro and toxicological assessment of dexamethasone sodium phosphate loaded pH sensitive Pectin-g-poly(AA)/PVP semi interpenetrating network. <i>Materials Today Communications</i> , 2020, 25, 101325.	0.9	20
30	In-Vitro and In-Vivo Evaluation of Velpatasvir- Loaded Mesoporous Silica Scaffolds. A Prospective Carrier for Drug Bioavailability Enhancement. <i>Pharmaceutics</i> , 2020, 12, 307.	2.0	23
31	O-Carboxymethylated chitosan; A promising tool with in-vivo anti-inflammatory and analgesic properties in albino rats. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 531-536.	3.6	30
32	Equilibrium, kinetics, thermodynamics and docking studies of Cu <sup>2+</sup> ion adsorption over ion-exchange resin and kappa carrageenan blends in blood samples. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 795-803.	0.2	1
33	Local strategies and delivery systems for the treatment of malignant gliomas. <i>Journal of Drug Targeting</i> , 2019, 27, 367-378.	2.1	13
34	BSA Nanoparticles Modified with N-Acetylcysteine for Improving the Stability and Mucoadhesion of Curcumin in the Gastrointestinal Tract. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9371-9381.	2.4	30
35	The enhancing effect of N-acetylcysteine modified hyaluronic acid-octadecylamine micelles on the oral absorption of paclitaxel. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 636-647.	3.6	18
36	Hepatoprotective and Renoprotective Properties of Lovastatin-Loaded Ginger and Garlic Oil Nanoemulsomes: Insights into Serum Biological Parameters. <i>Medicina (Lithuania)</i> , 2019, 55, 579.	0.8	15

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	Introductory Chapter: Ion Channels. , 2018, , .		2
47	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
48	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
49	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
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	8
51	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
52	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
53	Lactoferrin-coated polysaccharide nanoparticles based on chitosan hydrochloride/hyaluronic acid/PEG for treating brain glioma. Carbohydrate Polymers, 2017, 157, 419-428.	5.1	62
54	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

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55	Polysaccharide-based nanoparticles for co-loading mitoxantrone and verapamil to overcome multidrug resistance in breast tumor. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7337-7350.	3.3	24
56	Design and evaluation of lipoprotein resembling curcumin-encapsulated protein-free nanostructured lipid carrier for brain targeting. <i>International Journal of Pharmaceutics</i> , 2016, 506, 46-56.	2.6	39
57	Preparation of a paclitaxel-loaded cationic nanoemulsome and its biodistribution via direct intratumoral injection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 81-88.	2.5	21
58	Hyaluronic acid/chitosan nanoparticles for delivery of curcuminoid and its in vitro evaluation in glioma cells. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1391-1401.	3.6	85
59	Amorphous solid dispersion with increased gastric solubility in tandem with oral disintegrating tablets: a successful approach to improve the bioavailability of atorvastatin. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 465-472.	1.1	18
60	A novel LDL-mimic nanocarrier for the targeted delivery of curcumin into the brain to treat Alzheimer's disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 88-97.	2.5	136
61	Polybutylcyanoacrylate nanocarriers as promising targeted drug delivery systems. <i>Journal of Drug Targeting</i> , 2015, 23, 481-496.	2.1	28
62	ROS-triggered and regenerating anticancer nanosystem: An effective strategy to subdue tumor's multidrug resistance. <i>Journal of Controlled Release</i> , 2014, 196, 370-383.	4.8	95
63	Aqueous Solubility and Degradation Kinetics of the Phytochemical Anticancer Thymoquinone; Probing the Effects of Solvents, pH and Light. <i>Molecules</i> , 2014, 19, 5925-5939.	1.7	119
64	A facile approach for crosslinker free nano self assembly of protein for anti-tumor drug delivery: Factorsâ€™ optimization, characterization and in vitro evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 53-62.	1.9	23
65	Formulation and evaluation of natural gum-based sustained release matrix tablets of flurbiprofen using response surface methodology. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 1470-1478.	0.9	40
66	Effect of Cyclodextrin Derivatization on Solubility and Efficacy of Drugs. , 0, , .		3