

Dr Abid Hussain

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,085
citations

185998

28
h-index

161609

54
g-index

66
all docs

66
docs citations

66
times ranked

5395
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionizable lipid-assisted efficient hepatic delivery of gene editing elements for oncotherapy. <i>Bioactive Materials</i> , 2022, 9, 590-601.	8.6	33
2	Assessment of public intention to get vaccination against COVID-19: Evidence from a developing country. <i>Journal of Evaluation in Clinical Practice</i> , 2022, 28, 63-73.	0.9	51
3	A new approach based on CXCR4-targeted combination liposomes for the treatment of liver fibrosis. <i>Biomaterials Science</i> , 2022, 10, 2650-2664.	2.6	11
4	Thermostable ionizable lipid-like nanoparticle (iLAND) for RNAi treatment of hyperlipidemia. <i>Science Advances</i> , 2022, 8, eabm1418.	4.7	46
5	mRNA vaccines for COVID-19 and diverse diseases. <i>Journal of Controlled Release</i> , 2022, 345, 314-333.	4.8	50
6	Osteopontin targeted theranostic nanoprobe for laser-induced synergistic regression of vulnerable atherosclerotic plaques. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2014-2028.	5.7	16
7	Bioimaging guided pharmaceutical evaluations of nanomedicines for clinical translations. <i>Journal of Nanobiotechnology</i> , 2022, 20, 236.	4.2	9
8	siRNA-functionalized lanthanide nanoparticle enables efficient endosomal escape and cancer treatment. <i>Nano Research</i> , 2022, 15, 9160-9168.	5.8	10
9	Core Role of Hydrophobic Core of Polymeric Nanomicelle in Endosomal Escape of siRNA. <i>Nano Letters</i> , 2021, 21, 3680-3689.	4.5	58
10	Self-Assembled Micelles of Amphiphilic PEGylated Drugs for Cancer Treatment. <i>Current Drug Targets</i> , 2021, 22, 870-881.	1.0	7
11	Cyclam-Modified Polyethyleneimine for Simultaneous TGF β 2 siRNA Delivery and CXCR4 Inhibition for the Treatment of CCl4-Induced Liver Fibrosis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4451-4470.	3.3	12
12	Membrane destabilizing ionizable lipid empowered imaging-guided siRNA delivery and cancer treatment. <i>Exploration</i> , 2021, 1, 35-49.	5.4	106
13	Progress of Photodynamic and RNAi Combination Therapy in Cancer Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4420-4429.	2.6	17
14	Preparation, characterization and primary evaluation of trilayered biliary stent films for anti-cholangiocarcinoma and anti-biofilm formation. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120869.	2.6	1
15	The gelling behavior of gellan in the presence of different sodium salts. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 768-777.	3.6	7
16	Tailor-made ternary nanopolyplexes of thiolated trimethylated chitosan with pDNA and folate conjugated cis-aconitic amide-polyethylenimine for efficient gene delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 948-956.	3.6	13
17	Effects of κ -carrageenan on pullulan's rheological and texture properties as well as pullulan hard capsule performances. <i>Carbohydrate Polymers</i> , 2020, 238, 116190.	5.1	22
18	Moisture sorption and desorption properties of gelatin, HPMC and pullulan hard capsules. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 659-666.	3.6	26

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19	NIR-triggered release of DOX from sophorolipid-coated mesoporous carbon nanoparticles with the phase-change material 1-tetradecanol to treat MCF-7/ADR cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 974-985.	2.9	22
20	Insight on the changes of cassava and potato starch granules during gelatinization. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 37-43.	3.6	53
21	Pyrazinamide resistance and mutations L19R, R140H, and E144K in <i>Mycobacterium tuberculosis</i> . <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7154-7166.	1.2	17
22	Tumor-specific disintegratable nanohybrids containing ultrasmall inorganic nanoparticles: from design and improved properties to cancer applications. <i>Materials Horizons</i> , 2018, 5, 184-205.	6.4	65
23	A PTX/nitinol stent combination with temperature-responsive phase-change 1-hexadecanol for magnetocaloric drug delivery: Magnetocaloric drug release and esophagus tissue penetration. <i>Biomaterials</i> , 2018, 153, 49-58.	5.7	49
24	Near-infrared triggered co-delivery of doxorubicin and quercetin by using gold nanocages with tetradecanol to maximize anti-tumor effects on MCF-7/ADR cells. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 47-57.	5.0	56
25	Formulations, Pharmacodynamic and Clinical Studies of Nanoparticles for Lung Cancer Therapy - An Overview. <i>Current Drug Metabolism</i> , 2018, 19, 759-767.	0.7	9
26	A stent film of paclitaxel presenting extreme accumulation of paclitaxel in tumor tissue and excellent antitumor efficacy after implantation beneath the subcutaneous tumor xenograft in mice. <i>International Journal of Pharmaceutics</i> , 2018, 553, 29-36.	2.6	6
27	Self-assembly of biotinylated poly(ethylene glycol)-poly(curcumin) for paclitaxel delivery. <i>International Journal of Pharmaceutics</i> , 2018, 553, 510-521.	2.6	7
28	Investigation of Migration-Preventing Tracheal Stent with High Dose of 5-Fluorouracil or Paclitaxel for Local Drug Delivery. <i>ACS Applied Bio Materials</i> , 2018, 1, 1328-1336.	2.3	5
29	NIR-light and GSH activated cytosolic p65-shRNA delivery for precise treatment of metastatic cancer. <i>Journal of Controlled Release</i> , 2018, 288, 126-135.	4.8	18
30	3D printing and coating to fabricate a hollow bullet-shaped implant with porous surface for controlled cytoxin release. <i>International Journal of Pharmaceutics</i> , 2018, 552, 91-98.	2.6	26
31	Rational design of multimodal therapeutic nanosystems for effective inhibition of tumor growth and metastasis. <i>Acta Biomaterialia</i> , 2018, 77, 240-254.	4.1	10
32	Angiopep-2 modified PEGylated 2-methoxyestradiol micelles to treat the PC12 cells with oxygen-glucose deprivation/reoxygenation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 638-646.	2.5	14
33	Glutathione dectonated and pH responsive nano-clusters of Au nanorods with a high dose of DOX for treatment of multidrug resistant cancer. <i>Acta Biomaterialia</i> , 2018, 75, 334-345.	4.1	28
34	Copolymeric Micelles Loading Curcumin: Preparation, Characterization and <i>In Vitro</i> Evaluation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1585-1593.	0.9	4
35	Preparation and evaluation of pH -responsive charge-convertible ternary complex FA-PEI-CCA/PEI/DNA with low cytotoxicity and efficient gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 58-67.	2.5	19
36	pH, redox and photothermal tri-responsive DNA/polyethylenimine conjugated gold nanorods as nanocarriers for specific intracellular co-release of doxorubicin and chemosensitizer pyronaridine to combat multidrug resistant cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1785-1795.	1.7	35

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37	Nanodiamond mediated co-delivery of doxorubicin and malaridine to maximize synergistic anti-tumor effects on multi-drug resistant MCF-7/ADR cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3531-3540.	2.9	29
38	A new NIR-triggered doxorubicin and photosensitizer indocyanine green co-delivery system for enhanced multidrug resistant cancer treatment through simultaneous chemo/photothermal/photodynamic therapy. <i>Acta Biomaterialia</i> , 2017, 59, 170-180.	4.1	88
39	Photothermal gold nanocages filled with temperature sensitive tetradecanol and encapsulated with glutathione responsive polycurcumin for controlled DOX delivery to maximize anti-MDR tumor effects. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5464-5472.	2.9	25
40	PEGylated Doxorubicin Micelles Loaded with Curcumin Exerting Synergic Effects on Multidrug Resistant Tumor Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2873-2880.	0.9	9
41	A chemo/photo- co-therapeutic system for enhanced multidrug resistant cancer treatment using multifunctional mesoporous carbon nanoparticles coated with poly (curcumin-dithiodipropionic) Tj ETQq1 1 0.784314 rgBT /Overlock 11	3.14	11
42	Blends and composites of exopolysaccharides; properties and applications: A review. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 10-27.	3.6	99
43	Current Approaches of Photothermal Therapy in Treating Cancer Metastasis with Nanotherapeutics. <i>Theranostics</i> , 2016, 6, 762-772.	4.6	724
44	pH and near-infrared light dual-stimuli responsive drug delivery using DNA-conjugated gold nanorods for effective treatment of multidrug resistant cancer cells. <i>Journal of Controlled Release</i> , 2016, 232, 9-19.	4.8	119
45	A multifunctional poly(curcumin) nanomedicine for dual-modal targeted delivery, intracellular responsive release, dual-drug treatment and imaging of multidrug resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2954-2962.	2.9	66
46	A nanoparticulate pre-chemosensitizer for efficacious chemotherapy of multidrug resistant breast cancer. <i>Scientific Reports</i> , 2016, 6, 21459.	1.6	50
47	Phenolic, flavonoid contents, anticholinesterase and antioxidant evaluation of <i>Iris germanica</i> var <i>florentina</i> . <i>Natural Product Research</i> , 2016, 30, 1440-1444.	1.0	65
48	Intracellularly Degradable, Self-Assembled Amphiphilic Block Copolycurcumin Nanoparticles for Efficient In Vivo Cancer Chemotherapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1496-1501.	3.9	32
49	Self-assembled micelles of amphiphilic PEGylated rapamycin for loading paclitaxel and resisting multidrug resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1204-1207.	2.9	34
50	Nitinol stents loaded with a high dose of antitumor 5-fluorouracil or paclitaxel: esophageal tissue responses in a porcine model. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 153-160.e1.	0.5	29
51	Terminal PEGylated DNA-Gold Nanoparticle Conjugates Offering High Resistance to Nuclease Degradation and Efficient Intracellular Delivery of DNA Binding Agents. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18707-18716.	4.0	35
52	Quaternised chitosan coating on titanium provides a self-protective surface that prevents bacterial colonisation and implant-associated infections. <i>RSC Advances</i> , 2015, 5, 54304-54311.	1.7	19
53	Efficient RNA delivery by integrin-targeted glutathione responsive polyethyleneimine capped gold nanorods. <i>Acta Biomaterialia</i> , 2015, 23, 136-146.	4.1	50
54	Anticholinesterase and antioxidant investigations of crude extracts, subsequent fractions, saponins and flavonoids of <i>atriplex laciniata</i> L.: potential effectiveness in Alzheimer's and other neurological disorders. <i>Biological Research</i> , 2015, 48, 21.	1.5	65

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55	Paclitaxel or 5-fluorouracil/esophageal stent combinations as a novel approach for the treatment of esophageal cancer. <i>Biomaterials</i> , 2015, 53, 592-599.	5.7	64
56	Controlled synthesis of monodisperse gold nanorods with different aspect ratios in the presence of aromatic additives. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	10
57	Evaluation of antibacterial activity of N-phosphonium chitosan as a novel polymeric antibacterial agent. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 163-171.	3.6	56
58	Recent progress of cell-penetrating peptides as new carriers for intracellular cargo delivery. <i>Journal of Controlled Release</i> , 2014, 174, 126-136.	4.8	318
59	Efficient, dual-stimuli responsive cytosolic gene delivery using a RGD modified disulfide-linked polyethylenimine functionalized gold nanorod. <i>Journal of Controlled Release</i> , 2014, 196, 37-51.	4.8	57
60	Taxol-loaded nanoparticles with methoxy poly(ethylene glycol)- <i>b</i> -poly(μ -caprolactone) as a novel additive in the outer aqueous phase. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2386-2393.	1.3	4
61	Concentration controlled multilevel self-assembly of 3-armed poly(ethylene glycol)- <i>b</i> -poly(μ -caprolactone) triblock copolymers. <i>Journal of Polymer Science Part B: Polymer Physics</i> , 2008, 46, 1412-1418.	2.4	6
62	Morphology of poly(ethylene glycol)- <i>b</i> -poly(μ -caprolactone) triblock copolymers studied by atomic force microscopy. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1451-1454.	1.6	2
63	Degradation behaviors of monomethoxy poly(ethylene glycol)- <i>b</i> -poly(μ -caprolactone) nanoparticles in aqueous solution. <i>Polymers for Advanced Technologies</i> , 2008, 19, 66-72.	1.6	32
64	Poly(μ -caprolactone)- <i>b</i> -poly(ethylene glycol)- <i>b</i> -poly(μ -caprolactone) triblock copolymers: Synthesis and self-assembly in aqueous solutions. <i>Journal of Polymer Science Part A</i> , 2007, 45, 605-613.	2.5	21
65	Aggregation behavior of MPEG-PCL diblock copolymers in aqueous solutions and morphologies of the aggregates. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3406-3417.	2.4	21