

Md Nurunnabi

List of Publications by Year in descending order

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45
papers

2,764
citations

172207

29
h-index

233125

45
g-index

45
all docs

45
docs citations

45
times ranked

4840
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods of screening, monitoring and management of cardiac toxicity induced by chemotherapeutics. Chinese Chemical Letters, 2022, , .	4.8	3
2	Potential Application of Exosomes in Vaccine Development and Delivery. Pharmaceutical Research, 2022, 39, 2635-2671.	1.7	24
3	Bile acid linked β -glucan nanoparticles for liver specific oral delivery of biologics. Biomaterials Science, 2022, 10, 2929-2939.	2.6	5
4	Application of carbon nano onions in the biomedical field: recent advances and challenges. Biomaterials Science, 2021, 9, 626-644.	2.6	53
5	Recent advances in bionanomaterials for liver cancer diagnosis and treatment. Biomaterials Science, 2021, 9, 4821-4842.	2.6	16
6	Potential Use of Exosomes as Diagnostic Biomarkers and in Targeted Drug Delivery: Progress in Clinical and Preclinical Applications. ACS Biomaterials Science and Engineering, 2021, 7, 2106-2149.	2.6	95
7	Delivery strategies of amphotericin B for invasive fungal infections. Acta Pharmaceutica Sinica B, 2021, 11, 2585-2604.	5.7	58
8	Investigation of coagulation process of wet-spun sodium alginate polymannuronate fibers with varied functionality using organic coagulants and cross-linkers. Materials Today Chemistry, 2021, 22, 100580.	1.7	3
9	Theoretical and Experimental Insights into the Possible Interfacial Interactions between β -Glucan and Fat Molecules in Aqueous Media. Journal of Physical Chemistry B, 2021, 125, 13730-13743.	1.2	9
10	Aqueous Dispersion of One-Dimensional van der Waals Material MoS_3 with the Charge Type of the Hydrophobic Dispersant Tail. ACS Applied Bio Materials, 2020, 3, 3992-3998.	2.3	8
11	Deciphering the Role of Quaternary N in O_2 Reduction over Controlled N-Doped Carbon Catalysts. Chemistry of Materials, 2020, 32, 1384-1392.	3.2	41
12	Green Chemistry Synthesis of Silver Nanoparticles and Their Potential Anticancer Effects. Cancers, 2020, 12, 855.	1.7	166
13	Biomaterials and Bioengineering Approaches for Mitochondria and Nuclear Targeting Drug Delivery. ACS Biomaterials Science and Engineering, 2019, 5, 1645-1660.	2.6	27
14	Oral Gavage Delivery of PR8 Antigen with β -Glucan-Conjugated GRGDS Carrier to Enhance M-Cell Targeting Ability and Induce Immunity. Biomacromolecules, 2017, 18, 1172-1179.	2.6	31
15	Bioreducible Poly(ethylene glycol)-Triphenylphosphonium Conjugate as a Bioactivable Mitochondria-Targeting Nanocarrier. Biomacromolecules, 2017, 18, 1074-1085.	2.6	38
16	Oral delivery of a therapeutic gene encoding glucagon-like peptide 1 to treat high fat diet-induced diabetes. Journal of Controlled Release, 2017, 268, 305-313.	4.8	33
17	Preparation of ultra-thin hexagonal boron nitride nanoplates for cancer cell imaging and neurotransmitter sensing. Chemical Communications, 2016, 52, 6146-6149.	2.2	32
18	Biomimetic and photo crosslinked hyaluronic acid/pluronic F127 hydrogels with enhanced mechanical and elastic properties to be applied in tissue engineering. Macromolecular Research, 2016, 24, 282-291.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Hemorheological characteristics of red blood cells exposed to surface functionalized graphene quantum dots. Food and Chemical Toxicology, 2016, 97, 346-353.	1.8	32
20	Design and strategies for bile acid mediated therapy and imaging. RSC Advances, 2016, 6, 73986-74002.	1.7	47
21	Synthesis and characterization of a new photo-crosslinkable glycol chitosan thermogel for biomedical applications. Carbohydrate Polymers, 2016, 144, 59-67.	5.1	65
22	Ternary graphene quantum dot-polydopamine-Mn ₃ O ₄ nanoparticles for optical imaging guided photodynamic therapy and T ₁ -weighted magnetic resonance imaging. Journal of Materials Chemistry B, 2015, 3, 5815-5823.	2.9	62
23	A hyaluronic acid nanogel for photo-chemo theranostics of lung cancer with simultaneous light-responsive controlled release of doxorubicin. Nanoscale, 2015, 7, 10680-10689.	2.8	115
24	Hybrid photoactive nanomaterial composed of gold nanoparticles, pheophorbide-A and hyaluronic acid as a targeted bimodal phototherapy. Macromolecular Research, 2015, 23, 474-484.	1.0	34
25	Optical imaging, biodistribution and toxicity of orally administered quantum dots loaded heparin-deoxycholic acid. Macromolecular Research, 2015, 23, 686-695.	1.0	13
26	Bioapplication of graphene oxide derivatives: drug/gene delivery, imaging, polymeric modification, toxicology, therapeutics and challenges. RSC Advances, 2015, 5, 42141-42161.	1.7	164
27	Photosensitizer conjugated iron oxide nanoparticles for simultaneous in vitro magneto-fluorescent imaging guided photodynamic therapy. Chemical Communications, 2015, 51, 5687-5690.	2.2	49
28	Anticancer activity of Arkeshwara Rasa - A herbo-metallic preparation. AYU: an International Quarterly Journal of Research in Ayurveda, 2015, 36, 346.	0.3	6
29	Recent Advances in Application of Biosensors in Tissue Engineering. BioMed Research International, 2014, 2014, 1-18.	0.9	130
30	Oral absorption mechanism and anti-angiogenesis effect of taurocholic acid-linked heparin-docetaxel conjugates. Journal of Controlled Release, 2014, 177, 64-73.	4.8	46
31	A photosensitizer-conjugated magnetic iron oxide/gold hybrid nanoparticle as an activatable platform for photodynamic cancer therapy. Journal of Materials Chemistry B, 2014, 2, 2929.	2.9	62
32	Photoluminescent Graphene Nanoparticles for Cancer Phototherapy and Imaging. ACS Applied Materials & Interfaces, 2014, 6, 12413-12421.	4.0	136
33	Intracellular delivery and activation of the genetically encoded photosensitizer Killer Red by quantum dots encapsulated in polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2014, 116, 284-294.	2.5	14
34	GSH-mediated photoactivity of pheophorbide a-conjugated heparin/gold nanoparticle for photodynamic therapy. Journal of Controlled Release, 2013, 171, 241-250.	4.8	78
35	<i>In Vivo</i> Biodistribution and Toxicology of Carboxylated Graphene Quantum Dots. ACS Nano, 2013, 7, 6858-6867.	7.3	466
36	Surface Coating of Graphene Quantum Dots Using Mussel-Inspired Polydopamine for Biomedical Optical Imaging. ACS Applied Materials & Interfaces, 2013, 5, 8246-8253.	4.0	136

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37	Oral delivery of taurocholic acid linked heparinâ€“docetaxel conjugates for cancer therapy. Journal of Controlled Release, 2013, 170, 74-82.	4.8	73
38	Near infra-red photoluminescent graphene nanoparticles greatly expand their use in noninvasive biomedical imaging. Chemical Communications, 2013, 49, 5079.	2.2	98
39	Herceptin conjugated PCL-PEG-PCL triblock copolymer for cancer targeting and imaging. Macromolecular Research, 2012, 20, 875-882.	1.0	6
40	Synthesis and Characterization of Hyaluronic Acid for Biomedical Application. Advanced Materials Research, 2012, 581-582, 185-188.	0.3	2
41	Imaging of the GI tract by QDs loaded heparinâ€“deoxycholic acid (DOCA) nanoparticles. Carbohydrate Polymers, 2012, 90, 1461-1468.	5.1	28
42	Oral Delivery of Near-Infrared Quantum Dot Loaded Micelles for Noninvasive Biomedical Imaging. ACS Applied Materials & Interfaces, 2012, 4, 3880-3887.	4.0	33
43	Heparin based nanoparticles for cancer targeting and noninvasive imaging. Quantitative Imaging in Medicine and Surgery, 2012, 2, 219-26.	1.1	25
44	In vivo NIR imaging with CdTe/CdSe quantum dots entrapped in PLGA nanospheres. Journal of Colloid and Interface Science, 2011, 353, 363-371.	5.0	59
45	Targeted near-IR QDs-loaded micelles for cancer therapy and imaging. Biomaterials, 2010, 31, 5436-5444.	5.7	125