

# Navid Rabiee

## List of Publications by Year in descending order

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Version: 2024-02-01

199  
papers

32,309  
citations

24978

57  
h-index

5364

164  
g-index

208  
all docs

208  
docs citations

208  
times ranked

31247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1204-1222.	6.3	7,664
2	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€“2019. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2982-3021.	1.2	4,468
3	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	6.3	3,928
4	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	3.4	1,691
5	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 17-30.	3.7	1,200
6	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950â€“2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1160-1203.	6.3	890
7	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 245-266.	3.7	823
8	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019. <i>JAMA Oncology</i> , 2022, 8, 420.	3.4	719
9	Global, Regional, and National Levels and Trends in Burden of Oral Conditions from 1990 to 2017: A Systematic Analysis for the Global Burden of Disease 2017 Study. <i>Journal of Dental Research</i> , 2020, 99, 362-373.	2.5	645
10	The global, regional, and national burden of stomach cancer in 195 countries, 1990â€“2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 42-54.	3.7	390
11	The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 934-947.	3.7	372
12	Hearing loss prevalence and years lived with disability, 1990â€“2019: findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 397, 996-1009.	6.3	358
13	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. <i>Lancet HIV,the</i> , 2019, 6, e831-e859.	2.1	341
14	The global burden of non-typhoidal salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases, The</i> , 2019, 19, 1312-1324.	4.6	338
15	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
16	Point-of-care microfluidic devices for pathogen detection. <i>Biosensors and Bioelectronics</i> , 2018, 117, 112-128.	5.3	292
17	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995â€“2050. <i>Lancet, The</i> , 2019, 393, 2233-2260.	6.3	283
18	Global, regional, and national burden of bone fractures in 204 countries and territories, 1990â€“2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>The Lancet Healthy Longevity</i> , 2021, 2, e580-e592.	2.0	277

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19	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 913-933.	3.7	259
20	Stimulus-responsive polymeric nanogels as smart drug delivery systems. <i>Acta Biomaterialia</i> , 2019, 92, 1-18.	4.1	255
21	The global, regional, and national burden of oesophageal cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 582-597.	3.7	241
22	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 870-905.	6.3	229
23	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology, The</i> , 2019, 20, 1211-1225.	5.1	199
24	Carbon Nanotubes: Smart Drug/Gene Delivery Carriers. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1681-1706.	3.3	168
25	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	13.7	161
26	Recent advances in porphyrin-based nanocomposites for effective targeted imaging and therapy. <i>Biomaterials</i> , 2020, 232, 119707.	5.7	138
27	Stimulus-responsive sequential release systems for drug and gene delivery. <i>Nano Today</i> , 2020, 34, 100914.	6.2	125
28	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2104148.	7.8	116
29	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020, 26, i83-i95.	1.2	109
30	Point-of-Use Rapid Detection of SARS-CoV-2: Nanotechnology-Enabled Solutions for the COVID-19 Pandemic. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5126.	1.8	105
31	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	1.2	103
32	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
33	Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i36-i45.	1.2	93
34	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021, 398, 503-521.	6.3	93
35	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	2.9	91
36	Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2022, 399, 2129-2154.	6.3	91

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37	Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3. <i>Lancet, The</i> , 2020, 396, 693-724.	6.3	87
38	Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Respiratory Medicine, the</i> , 2021, 9, 1030-1049.	5.2	86
39	Smart drug delivery: Capping strategies for mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2020, 299, 110115.	2.2	85
40	&lt;p&gt;Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4205-4224.	3.3	80
41	Polymer-Coated NH<sub>2</sub>-UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10796-10811.	4.0	80
42	&lt;p&gt;Biosynthesis of Copper Oxide Nanoparticles with Potential Biomedical Applications&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3983-3999.	3.3	79
43	Natural Polymers Decorated MOF-MXene Nanocarriers for Co-delivery of Doxorubicin/pCRISPR. <i>ACS Applied Bio Materials</i> , 2021, 4, 5106-5121.	2.3	78
44	&lt;p&gt;Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4363-4392.	3.3	76
45	A review of accelerated wound healing approaches: biomaterial- assisted tissue remodeling. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 120.	1.7	74
46	Rosmarinus officinalis directed palladium nanoparticle synthesis: Investigation of potential anti-bacterial, anti-fungal and Mizoroki-Heck catalytic activities. <i>Advanced Powder Technology</i> , 2020, 31, 1402-1411.	2.0	74
47	Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3053-3068.	2.6	74
48	Crosslinked-polyvinyl alcohol-carboxymethyl cellulose/ZnO nanocomposite fibrous mats containing erythromycin (PVA-CMC/ZnO-EM): Fabrication, characterization and in-vitro release and anti-bacterial properties. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 1137-1146.	3.6	72
49	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000â€“17: analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020, 395, 1779-1801.	6.3	72
50	Quantum dots for photocatalysis: synthesis and environmental applications. <i>Green Chemistry</i> , 2021, 23, 4931-4954.	4.6	72
51	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	13.7	71
52	Advances in tannic acid-incorporated biomaterials: Infection treatment, regenerative medicine, cancer therapy, and biosensing. <i>Chemical Engineering Journal</i> , 2022, 432, 134146.	6.6	71
53	The global, regional, and national burden of gastro-oesophageal reflux disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 561-581.	3.7	69
54	An environmentally friendly wound dressing based on a self-healing, extensible and compressible antibacterial hydrogel. <i>Green Chemistry</i> , 2021, 23, 1312-1329.	4.6	69

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55	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i27-i35.	1.2	67
56	Green metal-organic frameworks (MOFs) for biomedical applications. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111670.	2.2	65
57	Folic Acid-Adorned Curcumin-Loaded Iron Oxide Nanoparticles for Cervical Cancer. <i>ACS Applied Bio Materials</i> , 2022, 5, 1305-1318.	2.3	65
58	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000076.	1.6	61
59	Optical assays based on colloidal inorganic nanoparticles. <i>Analyst, The</i> , 2018, 143, 3249-3283.	1.7	58
60	Silver and Gold Nanoparticles for Antimicrobial Purposes against Multi-Drug Resistance Bacteria. <i>Materials</i> , 2022, 15, 1799.	1.3	58
61	Turning Toxic Nanomaterials into a Safe and Bioactive Nanocarrier for Co-delivery of DOX/pCRISPR. <i>ACS Applied Bio Materials</i> , 2021, 4, 5336-5351.	2.3	57
62	Early diagnosis of disease using microbead array technology: A review. <i>Analytica Chimica Acta</i> , 2018, 1032, 1-17.	2.6	55
63	Carbosilane dendrimers: Drug and gene delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101879.	1.4	52
64	Global trends of hand and wrist trauma: a systematic analysis of fracture and digit amputation using the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020, 26, i115-i124.	1.2	51
65	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	50
66	Effects of strontium ions with potential antibacterial activity on in vivo bone regeneration. <i>Scientific Reports</i> , 2021, 11, 8745.	1.6	49
67	Core-Shell Nanophotocatalysts: Review of Materials and Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 55-86.	2.4	49
68	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020, 26, 750-759.	15.2	47
69	Metal-Organic Frameworks (MOFs)-Based Nanomaterials for Drug Delivery. <i>Materials</i> , 2021, 14, 3652.	1.3	47
70	Long non-coding RNAs and exosomal lncRNAs: Potential functions in lung cancer progression, drug resistance and tumor microenvironment remodeling. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112963.	2.5	47
71	Green CoNi <sub>2</sub> S <sub>4</sub> /porphyrin decorated carbon-based nanocomposites for genetic materials detection. <i>Journal of Bioresources and Bioproducts</i> , 2021, 6, 215-222.	11.8	46
72	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	46

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73	Nanotechnological Approaches in Prostate Cancer Therapy: Integration of engineering and biology. <i>Nano Today</i> , 2022, 45, 101532.	6.2	46
74	Carrageenans for tissue engineering and regenerative medicine applications: A review. <i>Carbohydrate Polymers</i> , 2022, 281, 119045.	5.1	45
75	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	1.2	44
76	Metal-Organic Frameworks (MOFs) for Cancer Therapy. <i>Materials</i> , 2021, 14, 7277.	1.3	44
77	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8706-8720.	3.2	43
78	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification. <i>Chemosphere</i> , 2022, 290, 133363.	4.2	43
79	Three-dimensional graphene foam as a conductive scaffold for cardiac tissue engineering. <i>Journal of Biomaterials Applications</i> , 2019, 34, 74-85.	1.2	41
80	COVID-19 and picotechnology: Potential opportunities. <i>Medical Hypotheses</i> , 2020, 144, 109917.	0.8	41
81	Crystalline polysaccharides: A review. <i>Carbohydrate Polymers</i> , 2022, 275, 118624.	5.1	41
82	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , 2022, 810, 152228.	3.9	41
83	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: stimuli-responsive carriers, co-delivery and suppressing resistance. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 355-382.	2.4	41
84	Selenium Nanomaterials to Combat Antimicrobial Resistance. <i>Molecules</i> , 2021, 26, 3611.	1.7	40
85	Bioactive Materials: A Comprehensive Review on Interactions with Biological Microenvironment Based on the Immune Response. <i>Journal of Bionic Engineering</i> , 2019, 16, 563-581.	2.7	39
86	Metal-organic frameworks (MOF) based heat transfer: A comprehensive review. <i>Chemical Engineering Journal</i> , 2022, 449, 137700.	6.6	39
87	Green synthesis of CuO- and Cu <sub>2</sub> O-NPs in assistance with high-gravity: The flowering of nanobiotechnology. <i>Nanotechnology</i> , 2020, 31, 425101.	1.3	38
88	Highly stretchable, self-adhesive, and self-healable double network hydrogel based on alginate/polyacrylamide with tunable mechanical properties. <i>Journal of Polymer Science</i> , 2020, 58, 2062-2073.	2.0	37
89	Green Synthesis of ZnO NPs via <i>Salvia hispanica</i> : Evaluation of Potential Antioxidant, Antibacterial, Mammalian Cell Viability, H1N1 Influenza Virus Inhibition and Photocatalytic Activities. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 456-466.	0.5	37
90	Long noncoding RNAs (lncRNAs) in pancreatic cancer progression. <i>Drug Discovery Today</i> , 2022, 27, 2181-2198.	3.2	36

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91	Multiplexed microarrays based on optically encoded microbeads. <i>Biomedical Microdevices</i> , 2018, 20, 66.	1.4	34
92	Green porous benzamide-like nanomembranes for hazardous cations detection, separation, and concentration adjustment. <i>Journal of Hazardous Materials</i> , 2022, 423, 127130.	6.5	34
93	Transforming growth factor-beta (TGF- $\beta$ ) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 435-452.	3.6	34
94	Prevascularized Micro-/Nano-Sized Spheroid/Bead Aggregates for Vascular Tissue Engineering. <i>Nano-Micro Letters</i> , 2021, 13, 182.	14.4	33
95	Reduced graphene oxide: osteogenic potential for bone tissue engineering. <i>IET Nanobiotechnology</i> , 2019, 13, 720-725.	1.9	31
96	ZnAl nano layered double hydroxides for dual functional CRISPR/Cas9 delivery and enhanced green fluorescence protein biosensor. <i>Scientific Reports</i> , 2020, 10, 20672.	1.6	31
97	Nanotechnology-Abetted Astaxanthin Formulations in Multimodel Therapeutic and Biomedical Applications. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2-36.	2.9	31
98	Bioactive hybrid metal-organic framework (MOF)-based nanosensors for optical detection of recombinant SARS-CoV-2 spike antigen. <i>Science of the Total Environment</i> , 2022, 825, 153902.	3.9	31
99	High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102297.	1.7	30
100	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021, 16, 237-258.	1.7	30
101	Improved green biosynthesis of chitosan decorated Ag- and Co <sub>3</sub> O <sub>4</sub> -nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102331.	1.7	29
102	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100415.	1.6	29
103	Electrically conductive carbon-based (bio)nanomaterials for cardiac tissue engineering. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	29
104	The flowering of Mechanically Interlocked Molecules: Novel approaches to the synthesis of rotaxanes and catenanes. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213484.	9.5	28
105	&lt;p&gt;Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4237-4256.	3.3	28
106	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , 2021, 11, 6604.	1.6	28
107	Non-coding RNAs and macrophage interaction in tumor progression. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 173, 103680.	2.0	28
108	CaZnO-based nanoghosts for the detection of ssDNA, pCRISPR and recombinant SARS-CoV-2 spike antigen and targeted delivery of doxorubicin. <i>Chemosphere</i> , 2022, 306, 135578.	4.2	28



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109	Investigating the structural chemistry of organotin(IV) compounds: recent advances. <i>Reviews in Inorganic Chemistry</i> , 2019, 39, 13-45.	1.8	27
110	The colorful world of carotenoids: a profound insight on therapeutics and recent trends in nano delivery systems. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3658-3697.	5.4	27
111	Zn-rich (GaN) <sup>1x</sup> (ZnO) <sup>x</sup> : a biomedical friend?. <i>New Journal of Chemistry</i> , 2021, 45, 4077-4089.	1.4	26
112	Green products from herbal medicine wastes by subcritical water treatment. <i>Journal of Hazardous Materials</i> , 2022, 424, 127294.	6.5	26
113	Green Polymer Nanocomposites for Skin Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2022, 5, 2107-2121.	2.3	26
114	High gravity-assisted green synthesis of ZnO nanoparticles via <i>Allium ursinum</i> : Conjoining nanochemistry to neuroscience. <i>Nano Express</i> , 2020, 1, 020025.	1.2	25
115	Cell-Seeded Biomaterial Scaffolds: The Urgent Need for Unanswered Accelerated Angiogenesis. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1035-1068.	3.3	25
116	Microfluidic devices with gold thin film channels for chemical and biomedical applications: a review. <i>Biomedical Microdevices</i> , 2019, 21, 93.	1.4	24
117	Synthesis, characterization and mechanistic study of nano chitosan tetrazole as a novel and promising platform for CRISPR delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 116-126.	1.8	24
118	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018. <i>Nature Human Behaviour</i> , 2021, 5, 1027-1045.	6.2	24
119	Photoactive polymers-decorated Cu-Al layered double hydroxide hexagonal architectures: A potential non-viral vector for photothermal therapy and co-delivery of DOX/pCRISPR. <i>Chemical Engineering Journal</i> , 2022, 448, 137747.	6.6	24
120	Design, preparation, and characterization of silk fibroin/carboxymethyl cellulose wound dressing for skin tissue regeneration applications. <i>Polymer Engineering and Science</i> , 2022, 62, 2741-2749.	1.5	24
121	Recent Advancements in aptamer-bioconjugates: Sharpening Stones for breast and prostate cancers targeting. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101146.	1.4	23
122	Mathematical modeling of drug release from biodegradable polymeric microneedles. <i>Bio-Design and Manufacturing</i> , 2019, 2, 96-107.	3.9	23
123	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	2.9	23
124	Bioresorbable composite polymeric materials for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-15.	1.8	23
125	High-Gravity-Assisted Green Synthesis of NiO-NPs Anchored on the Surface of Biodegradable Nanobeads with Potential Biomedical Applications. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 520-530.	0.5	23
126	Biomedical engineering of polysaccharide-based tissue adhesives: Recent advances and future direction. <i>Carbohydrate Polymers</i> , 2022, 295, 119787.	5.1	23



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127	Insight into the Self-Insertion of a Protein Inside the Boron Nitride Nanotube. ACS Omega, 2020, 5, 32051-32058.	1.6	21
128	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> . New Journal of Chemistry, 2020, 44, 11841-11852.	1.4	21
129	Boron nitride-palladium nanostructured catalyst: efficient reduction of nitrobenzene derivatives in water. Nano Express, 2020, 1, 030012.	1.2	21
130	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. Biomolecules, 2021, 11, 1714.	1.8	21
131	Photoluminescent carbon quantum dot/poly-L-Lysine core-shell nanoparticles: A novel candidate for gene delivery. Journal of Drug Delivery Science and Technology, 2021, 61, 102118.	1.4	20
132	Boron Nitride Nanotube as an Antimicrobial Peptide Carrier: A Theoretical Insight. International Journal of Nanomedicine, 2021, Volume 16, 1837-1847.	3.3	20
133	Theoretical Encapsulation of Fluorouracil (5-FU) Anti-Cancer Chemotherapy Drug into Carbon Nanotubes (CNT) and Boron Nitride Nanotubes (BNNT). Molecules, 2021, 26, 4920.	1.7	20
134	Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. Journal of Biomedical Nanotechnology, 2020, 16, 553-582.	0.5	20
135	Novel Pt-Ag <sub>3</sub> PO <sub>4</sub> /CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. Nanomaterials, 2020, 10, 2320.	1.9	19
136	The Pimpled Gold Nanosphere: A Superior Candidate for Plasmonic Photothermal Therapy. International Journal of Nanomedicine, 2020, Volume 15, 2903-2920.	3.3	19
137	Mission impossible for cellular internalization: When porphyrin alliance with UiO-66-NH <sub>2</sub> MOF gives the cell lines a ride. Journal of Hazardous Materials, 2022, 436, 129259.	6.5	19
138	Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. Journal of Nanostructure in Chemistry, 2022, 12, 919-932.	5.3	18
139	Quantum dots against SARS-CoV-2: diagnostic and therapeutic potentials. Journal of Chemical Technology and Biotechnology, 2022, 97, 1640-1654.	1.6	18
140	Synthesis of green benzamide-decorated UiO-66-NH <sub>2</sub> for biomedical applications. Chemosphere, 2022, 299, 134359.	4.2	18
141	Emerging Phospholipid Nanobiomaterials for Biomedical Applications to Lab-on-a-Chip, Drug Delivery, and Cellular Engineering. ACS Applied Bio Materials, 2021, 4, 8110-8128.	2.3	17
142	Multifunctional green synthesized Cu-Al layered double hydroxide (LDH) nanoparticles: anti-cancer and antibacterial activities. Scientific Reports, 2022, 12, .	1.6	15
143	MIL-125-based nanocarrier decorated with Palladium complex for targeted drug delivery. Scientific Reports, 2022, 12, .	1.6	15
144	Penetration Depth in Nanoparticles Incorporated Radiofrequency Hyperthermia into the Tissue: Comprehensive Study with Histology and Pathology Observations. IET Nanobiotechnology, 2019, 13, 634-639.	1.9	13

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