

# Navid Rabiee

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5719915/navid-rabiee-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169  
papers

9,988  
citations

38  
h-index

98  
g-index

208  
ext. papers

20,300  
ext. citations

9.7  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
169	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1204-1222	40	1847
168	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1223-1249	40	1013
167	Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2982-3021	15.1	922
166	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: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , <b>2019</b> , 5, 1749-1768	13.4	888
165	The global, regional, and national burden of inflammatory bowel disease 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> , <b>2020</b> , 5, 17-30	18.8	448
164	The global, regional, and national burden of cirrhosis by cause 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> , <b>2020</b> , 5, 245-266	18.8	297
163	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1160-1203	40	228
162	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> , <b>2020</b> , 99, 362-373	8.1	216
161	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2017, 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> , <b>2019</b> , 6, e831-e859	7.8	191
160	The global, regional, and national burden of stomach cancer in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2020</b> , 5, 42-54	18.8	184
159	Point-of-care microfluidic devices for pathogen detection. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 117, 112-128	12.8	179
158	The global, regional, and national burden of pancreatic 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> , <b>2019</b> , 4, 934-947	18.8	167
157	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, 1995-2050. <i>Lancet, The</i> , <b>2019</b> , 393, 2233-2260	40	158
156	Stimulus-responsive polymeric nanogels as smart drug delivery systems. <i>Acta Biomaterialia</i> , <b>2019</b> , 92, 1-18	10.8	149
155	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> , <b>2019</b> , 4, 913-933	18.8	144
154	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> , <b>2019</b> , 19, 1312-1324	25.5	128
153	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1135-1159	40	113

152	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> , <b>2019</b> , 20, 1211-1225	21.7	107
151	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , <b>2019</b> , 574, 353-358.	58.4	87
150	Hearing loss prevalence and years lived with disability, 1990-2019: findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2021</b> , 397, 996-1009	40	82
149	Recent advances in porphyrin-based nanocomposites for effective targeted imaging and therapy. <i>Biomaterials</i> , <b>2020</b> , 232, 119707	15.6	81
148	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> , <b>2020</b> , 5, 582-597	18.8	71
147	Bacterial components as naturally inspired nano-carriers for drug/gene delivery and immunization: Set the bugs to work?. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 968-985	17.8	69
146	Stimulus-Responsive Sequential Release Systems for Drug and Gene Delivery. <i>Nano Today</i> , <b>2020</b> , 34,	17.9	65
145	Point-of-Use Rapid Detection of SARS-CoV-2: Nanotechnology-Enabled Solutions for the COVID-19 Pandemic. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	61
144	Smart drug delivery: Capping strategies for mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 299, 110115	5.3	52
143	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019.. <i>JAMA Oncology</i> , <b>2021</b> ,	13.4	51
142	Carbon Nanotubes: Smart Drug/Gene Delivery Carriers. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 1681-1706	7.3	47
141	Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4205-4224	7.3	45
140	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , <b>2020</b> , 26, i83-i95	3.2	45
139	Rosmarinus officinalis directed palladium nanoparticle synthesis: Investigation of potential anti-bacterial, anti-fungal and Mizoroki-Heck catalytic activities. <i>Advanced Powder Technology</i> , <b>2020</b> , 31, 1402-1411	4.6	43
138	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> , <b>2021</b> , 398, 870-905	40	43
137	Optical assays based on colloidal inorganic nanoparticles. <i>Analyst, The</i> , <b>2018</b> , 143, 3249-3283	5	41
136	A review of accelerated wound healing approaches: biomaterial- assisted tissue remodeling. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2019</b> , 30, 120	4.5	41
135	Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4363-4392	7.3	40

134	Early diagnosis of disease using microbead array technology: A review. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1032, 1-17	6.6	40
133	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> , <b>2019</b> , 141, 1137-1146	7.9	39
132	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , <b>2020</b> , 26, i96-i114	3.2	39
131	Biosynthesis of Copper Oxide Nanoparticles with Potential Biomedical Applications. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 3983-3999	7.3	38
130	COVID-19 and picotechnology: Potential opportunities. <i>Medical Hypotheses</i> , <b>2020</b> , 144, 109917	3.8	36
129	Carbosilane dendrimers: Drug and gene delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 59, 101879	4.5	34
128	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> , <b>2020</b> , 396, 693-724	4.0	32
127	Polymer-Coated NH-UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 10796-10811	9.5	31
126	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , <b>2020</b> , 395, 1779-1801	4.0	30
125	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> , <b>2020</b> , 26, i36-i45	3.2	30
124	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104148	15.6	30
123	The global, regional, and national burden of gastro-oesophageal reflux disease 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> , <b>2020</b> , 5, 561-581	18.8	29
122	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> , <b>2021</b> , 398, 503-521	4.0	29
121	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , <b>2020</b> , 26, i27-i35	3.2	28
120	Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 3053-3068	5.5	28
119	An environmentally friendly wound dressing based on a self-healing, extensible and compressible antibacterial hydrogel. <i>Green Chemistry</i> , <b>2021</b> , 23, 1312-1329	1.0	28
118	Bioactive Materials: A Comprehensive Review on Interactions with Biological Microenvironment Based on the Immune Response. <i>Journal of Bionic Engineering</i> , <b>2019</b> , 16, 563-581	2.7	27
117	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> , <b>2020</b> , 8, e1162-e1185	13.6	27

116	Three-dimensional graphene foam as a conductive scaffold for cardiac tissue engineering. <i>Journal of Biomaterials Applications</i> , <b>2019</b> , 34, 74-85	2.9	25
115	Highly stretchable, self-adhesive, and self-healable double network hydrogel based on alginate/polyacrylamide with tunable mechanical properties. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 2062-2073	2.4	25
114	Natural Polymers Decorated MOF-MXene Nanocarriers for Co-delivery of Doxorubicin/pCRISPR.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5106-5121	4.1	25
113	Global, regional, and national burden of bone fractures in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>The Lancet Healthy Longevity</i> , <b>2021</b> , 2, e580-e592	9.5	24
112	Green synthesis of CuO- and CuO-NPs in assistance with high-gravity: The flowering of nanobiotechnology. <i>Nanotechnology</i> , <b>2020</b> , 31, 425101	3.4	22
111	Green CoNi2S4/porphyrin decorated carbon-based nanocomposites for genetic materials detection. <i>Journal of Bioresources and Bioproducts</i> , <b>2021</b> , 6, 215-222	18.7	22
110	Green Synthesis of ZnO NPs via : Evaluation of Potential Antioxidant, Antibacterial, Mammalian Cell Viability, H1N1 Influenza Virus Inhibition and Photocatalytic Activities. <i>Journal of Biomedical Nanotechnology</i> , <b>2020</b> , 16, 456-466	4	22
109	Quantum dots for photocatalysis: synthesis and environmental applications. <i>Green Chemistry</i> , <b>2021</b> , 23, 4931-4954	10	22
108	Turning Toxic Nanomaterials into a Safe and Bioactive Nanocarrier for Co-delivery of DOX/pCRISPR.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5336-5351	4.1	21
107	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , <b>2020</b> , 26, 750-759	50.5	21
106	Multiplexed microarrays based on optically encoded microbeads. <i>Biomedical Microdevices</i> , <b>2018</b> , 20, 66	3.7	20
105	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 8706-8720	8.3	20
104	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , <b>2021</b> , 4, 2000076	4.9	20
103	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , <b>2021</b> , 589, 415-419	50.4	20
102	Metal-Organic Frameworks-Based Nanomaterials for Drug Delivery. <i>Materials</i> , <b>2021</b> , 14,	3.5	19
101	Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4237-4256	7.3	18
100	Recent Advancements in aptamer-bioconjugates: Sharpening Stones for breast and prostate cancers targeting. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 53, 101146	4.5	18
99	Insight into the Self-Insertion of a Protein Inside the Boron Nitride Nanotube. <i>ACS Omega</i> , <b>2020</b> , 5, 32051-32058	3.3	18

98	Boron nitride-palladium nanostructured catalyst: efficient reduction of nitrobenzene derivatives in water. <i>Nano Express</i> , <b>2020</b> , 1, 030012	2	17
97	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , <b>2021</b> , 11, 6604	4.9	17
96	Zn-rich (GaN) <sub>1-x</sub> (ZnO) <sub>x</sub> : a biomedical friend?. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4077-4089	3.6	17
95	High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 30, 102297	6	16
94	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , <b>2021</b> , 16, 237-258	5.6	16
93	Mathematical modeling of drug release from biodegradable polymeric microneedles. <i>Bio-Design and Manufacturing</i> , <b>2019</b> , 2, 96-107	4.7	15
92	ZnAl nano layered double hydroxides for dual functional CRISPR/Cas9 delivery and enhanced green fluorescence protein biosensor. <i>Scientific Reports</i> , <b>2020</b> , 10, 20672	4.9	15
91	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> , <b>2020</b> , 1-11	3	15
90	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100415	3.9	15
89	Investigating the structural chemistry of organotin(IV) compounds: recent advances. <i>Reviews in Inorganic Chemistry</i> , <b>2019</b> , 39, 13-45	2.4	15
88	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</i> , <b>2021</b> , 9, 1030-1049	35.1	15
87	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> . <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 11841-11852	3.6	14
86	Microfluidic devices with gold thin film channels for chemical and biomedical applications: a review. <i>Biomedical Microdevices</i> , <b>2019</b> , 21, 93	3.7	14
85	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> , <b>2020</b> , 16, 520-530	4.3	14
84	High gravity-assisted green synthesis of ZnO nanoparticles via <i>Allium ursinum</i> : Conjoining nanochemistry to neuroscience. <i>Nano Express</i> , <b>2020</b> , 1, 020025	2	14
83	The flowering of Mechanically Interlocked Molecules: Novel approaches to the synthesis of rotaxanes and catenanes. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 423, 213484	23.2	14
82	Improved green biosynthesis of chitosan decorated Ag- and CoO-nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2021</b> , 32, 102331	6	14
81	The Pimpled Gold Nanosphere: A Superior Candidate for Plasmonic Photothermal Therapy. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 2903-2920	7.3	13

80	Boron Nitride Nanotube as an Antimicrobial Peptide Carrier: A Theoretical Insight. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 1837-1847	7.3	13
79	Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. <i>Journal of Biomedical Nanotechnology</i> , <b>2020</b> , 16, 553-582	4	12
78	Novel Pt-AgPO/CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	12
77	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1038-e1060	13.6	12
76	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , <b>2020</b> , 26, i125-i153	3.2	12
75	Effects of strontium ions with potential antibacterial activity on in vivo bone regeneration. <i>Scientific Reports</i> , <b>2021</b> , 11, 8745	4.9	12
74	Reduced graphene oxide: osteogenic potential for bone tissue engineering. <i>IET Nanobiotechnology</i> , <b>2019</b> , 13, 720-725	2	12
73	Folic Acid-Adorned Curcumin-Loaded Iron Oxide Nanoparticles for Cervical Cancer.. <i>ACS Applied Bio Materials</i> , <b>2022</b> ,	4.1	12
72	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> , <b>2020</b> , 26, i115-i124	3.2	10
71	CoreShell Nanophotocatalysts: Review of Materials and Applications. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 55-86	5.6	10
70	Metal-Organic Frameworks (MOFs) for Cancer Therapy. <i>Materials</i> , <b>2021</b> , 14,	3.5	10
69	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification.. <i>Chemosphere</i> , <b>2021</b> , 290, 133363	8.4	10
68	Prevascularized Micro-/Nano-Sized Spheroid/Bead Aggregates for Vascular Tissue Engineering. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 182	19.5	10
67	Emerging Phospholipid Nanobiomaterials for Biomedical Applications to Lab-on-a-Chip, Drug Delivery, and Cellular Engineering.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 8110-8128	4.1	9
66	Early Diagnosis of Multiple Sclerosis Based on Optical and Electrochemical Biosensors: Comprehensive Perspective. <i>Current Analytical Chemistry</i> , <b>2020</b> , 16, 557-569	1.7	9
65	Selenium Nanomaterials to Combat Antimicrobial Resistance. <i>Molecules</i> , <b>2021</b> , 26,	4.8	9
64	Theoretical Encapsulation of Fluorouracil (5-FU) Anti-Cancer Chemotherapy Drug into Carbon Nanotubes (CNT) and Boron Nitride Nanotubes (BNNT). <i>Molecules</i> , <b>2021</b> , 26,	4.8	9
63	Green porous benzamide-like nanomembranes for hazardous cations detection, separation, and concentration adjustment. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127130	12.8	9

62	Penetration Depth in Nanoparticles Incorporated Radiofrequency Hyperthermia into the Tissue: Comprehensive Study with Histology and Pathology Observations. <i>IET Nanobiotechnology</i> , <b>2019</b> , 13, 634-639	2	8
61	Advances in tannic acid-incorporated biomaterials: Infection treatment, regenerative medicine, cancer therapy, and biosensing. <i>Chemical Engineering Journal</i> , <b>2022</b> , 432, 134146	14.7	8
60	Application of Aptamer-based Hybrid Molecules in Early Diagnosis and Treatment of Diabetes Mellitus: From the Concepts Towards the Future. <i>Current Diabetes Reviews</i> , <b>2019</b> , 15, 309-313	2.7	8
59	Photoluminescent carbon quantum dot/poly-L-Lysine core-shell nanoparticles: A novel candidate for gene delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 61, 102118	4.5	8
58	Crystalline polysaccharides: A review. <i>Carbohydrate Polymers</i> , <b>2022</b> , 275, 118624	10.3	8
57	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> , <b>2021</b> , 1-40	11.5	8
56	Bioresorbable composite polymeric materials for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2020</b> , 1-15	3	7
55	Green metal-organic frameworks (MOFs) for biomedical applications. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 111670	5.3	7
54	Biofunctionalized microbead arrays for early diagnosis of breast cancer. <i>Biomedical Physics and Engineering Express</i> , <b>2018</b> , 4, 065028	1.5	7
53	Silver and Gold Nanoparticles for Antimicrobial Purposes against Multi-Drug Resistance Bacteria.. <i>Materials</i> , <b>2022</b> , 15,	3.5	7
52	Natural Corrosion Inhibitors. <i>Synthesis Lectures on Mechanical Engineering</i> , <b>2019</b> , 3, 1-96	0.1	6
51	Carrageenans for tissue engineering and regenerative medicine applications: A review.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 281, 119045	10.3	6
50	Nanotechnology-Abetted Astaxanthin Formulations in Multimodel Therapeutic and Biomedical Applications.. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> ,	8.3	6
49	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , <b>2021</b> , 810, 152228	10.2	6
48	Development of a nano biosensor for anti-gliadin detection for Celiac disease based on suspension microarrays. <i>Biomedical Physics and Engineering Express</i> , <b>2020</b> , 6, 055015	1.5	6
47	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	5
46	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000-2018. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 1027-1045	12.8	5
45	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , <b>2022</b> , 9, 011317	17.3	5



44	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: Stimuli-responsive carriers, co-delivery and suppressing resistance.. <i>Expert Opinion on Drug Delivery</i> , <b>2022</b> ,	8	5
43	Catalytic and antibacterial properties of 3-dentate carboxamide Pd/Pt complexes obtained via a benign route. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5531	3.1	4
42	Helical Antimicrobial Peptide Encapsulation and Release from Boron Nitride Nanotubes: A Computational Study. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 4277-4288	7.3	4
41	Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. <i>Journal of Nanostructure in Chemistry</i> , <b>2021</b> , 1-14	7.6	4
40	Transforming growth factor-beta (TGF- $\beta$ ) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 206, 435-452	7.9	4
39	Histidine-enhanced gene delivery systems: The state of the art.. <i>Journal of Gene Medicine</i> , <b>2022</b> , e3415	3.5	3
38	Global Burden of Breast Cancer and Attributable Risk Factors in 195 Countries and Territories, from 1990 to 2017: Results from the Global Burden of Disease Study 2017. <i>SSRN Electronic Journal</i> , <b>2019</b> ,	1	3
37	Advances in Nanomaterials for Drug Delivery: Polymeric, nanocarbon and bio-inspired <b>2018</b> ,		3
36	An overview of microfluidic devices <b>2021</b> , 1-22		3
35	Green products from herbal medicine wastes by subcritical water treatment. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127294	12.8	3
34	Microfluidic devices and drug delivery systems <b>2021</b> , 153-186		3
33	Non-coding RNAs and macrophage interaction in tumor progression.. <i>Critical Reviews in Oncology/Hematology</i> , <b>2022</b> , 103680	7	3
32	Electrically Conductive Carbon-based (Bio)-nanomaterials for Cardiac Tissue Engineering. <i>Bioengineering and Translational Medicine</i> ,	14.8	3
31	A Perspective to the Correlation Between Brain Insulin Resistance and Alzheimer: Medicinal Chemistry Approach. <i>Current Diabetes Reviews</i> , <b>2019</b> , 15, 255-258	2.7	2
30	Quantum dots against SARS-CoV-2: diagnostic and therapeutic potentials.. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2022</b> ,	3.5	2
29	Rapid Electrochemical Ultra-Sensitive Evaluation and Determination of Daptomycin Based on Continuous Cyclic Voltammetry. <i>Current Pharmaceutical Analysis</i> , <b>2020</b> , 16, 181-185	0.6	2
28	Carbon-based nanomaterials <b>2018</b> ,		2
27	Stimuli-Responsive Polymers: Nano-dimension		2

26	Stimuli-responsive polymers: introduction		2
25	Electrocardiographic Changes in Children With Acute Opioid Poisoning: A Cross-Sectional Study. <i>Pediatric Emergency Care</i> , <b>2019</b> , 37,	1.4	2
24	Green carbon-based nanocomposite biomaterials through the lens of microscopes. <i>Emergent Materials</i> , <b>2021</b> , 1	3.5	2
23	Microfluidic devices for gene delivery systems <b>2021</b> , 187-208		2
22	The association of clinicopathological characterizations of colorectal cancer with membrane-bound mucins genes and LncRNAs.. <i>Pathology Research and Practice</i> , <b>2022</b> , 233, 153883	3.4	2
21	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> , <b>2022</b> , 153902	10.2	2
20	Long non-coding RNAs and exosomal lncRNAs: Potential functions in lung cancer progression, drug resistance and tumor microenvironment remodeling.. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 150, 112963	7.5	2
19	A Novel Graphene-Based Nanosensor for Detection of Ethanol Gas <b>2019</b> , 43, 2227-2237		1
18	Innovative Educational Technology Programs in Low- and Middle-Income Countries. <i>Childhood Education</i> , <b>2017</b> , 93, 364-367	0.3	1
17	Dynamics of Antimicrobial Peptide Encapsulation in Carbon Nanotubes: The Role of Hydroxylation.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 125-136	7.3	1
16	Biocompatibility and Neuroprotective Potential of Encapsulated S-Allyl-L-Cysteine into PCL-based Nanocarrier. <i>Drug Delivery Letters</i> , <b>2018</b> , 8, 242-247	0.8	1
15	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications (Adv. Funct. Mater. 42/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170312	15.6	1
14	Microarray technologies <b>2021</b> , 77-98		1
13	Targeted delivery of nucleic acids using microfluidic systems <b>2021</b> , 289-318		1
12	Green composites in bone tissue engineering. <i>Emergent Materials</i> , <b>2021</b> , 1	3.5	1
11	Adsorption onto zeolites: molecular perspective. <i>Chemical Papers</i> , <b>2021</b> , 75, 6217	1.9	1
10	Microfluidic devices for pathogen detection <b>2021</b> , 117-151		1
9	Cell-Seeded Biomaterial Scaffolds: The Urgent Need for Unanswered Accelerated Angiogenesis.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 1035-1068	7.3	1

8	Cure Kinetics of Samarium-Doped Fe <sub>3</sub> O <sub>4</sub> /Epoxy Nanocomposites. <i>Journal of Composites Science</i> , <b>2022</b> , 6, 29	3	○
7	MEL zeolite nanosheet membranes for water purification: insights from molecular dynamics simulations. <i>Journal of Nanostructure in Chemistry</i> , <b>2021</b> , 1	7.6	○
6	Microfluidic devices: Synthetic approaches <b>2021</b> , 23-36		○
5	Microfluidics: Organ-on-a-chip <b>2021</b> , 99-115		○
4	Synthesis of green benzamide-decorated UiO-66-NH for biomedical applications.. <i>Chemosphere</i> , <b>2022</b> , 299, 134359	8.4	○
3	Mission impossible for cellular internalization: When porphyrin alliance with UiO-66-NH <sub>2</sub> MOF gives the cell lines a ride. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 436, 129259	12.8	○
2	Magnetic Stimuli-Responsive Cobalt Ferrite Nanoparticle as Theranostic agents for Targeted Delivery. <i>Current Nanomaterials</i> , <b>2019</b> , 3, 160-167	1.3	
1	Burden of Transport-Related Injuries in the Eastern Mediterranean Region: A Systematic Analysis for the Global Burden of Disease Study 2017. <i>Archives of Iranian Medicine</i> , <b>2021</b> , 24, 512-525	2.4	