

# Yousef Fatahi

## List of Publications by Year in Descending Order

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

77  
papers

1,630  
citations

21  
h-index

38  
g-index

82  
ext. papers

2,427  
ext. citations

5.8  
avg. IF

5.39  
L-index

#	Paper	IF	Citations
77	Quantum dots against SARS-CoV-2: diagnostic and therapeutic potentials.. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2022</b> ,	3.5	2
76	The impact of protein corona on the biological behavior of targeting nanomedicines.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 614, 121458	6.5	9
75	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
74	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
73	COVID-19 immunotherapy: Treatment based on the immune cell-mediated approaches.. <i>International Immunopharmacology</i> , <b>2022</b> , 107, 108655	5.8	0
72	Synthesis of green benzamide-decorated UiO-66-NH for biomedical applications.. <i>Chemosphere</i> , <b>2022</b> , 299, 134359	8.4	0
71	Recent Developments of Nanostructures for the Ocular Delivery of Natural Compounds.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 850757	5	2
70	Designing a new alginate-fibrinogen biomaterial composite hydrogel for wound healing.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7213	4.9	2
69	Polyethylenimine-Functionalized Carbon Dots for Delivery of CRISPR/Cas9 Complexes.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 7979-7992	4.1	2
68	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	5
67	The quest for a better fight: How can nanomaterials address the current therapeutic and diagnostic obstacles in the fight against COVID-19?. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 67, 102899	4.5	0
66	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , <b>2021</b> , 11, 6604	4.9	17
65	SARS-Cov-2 and COVID-19, Basic and Clinical Aspects of the Human Pandemic: A Review. <i>Iranian Journal of Public Health</i> , <b>2021</b> , 50, 665-675	0.7	1
64	Baricitinib: From Rheumatoid Arthritis to COVID-19. <i>Journal of Clinical Pharmacology</i> , <b>2021</b> , 61, 1274-1285	8.9	8
63	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 8706-8720	8.3	20
62	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
61	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

60	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100415	3.9	15
59	An update on actively targeted liposomes in advanced drug delivery to glioma. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 602, 120645	6.5	17
58	Highly Photoluminescent Nitrogen- and Zinc-Doped Carbon Dots for Efficient Delivery of CRISPR/Cas9 and mRNA. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 1875-1887	6.3	4
57	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
56	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
55	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
54	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
53	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , <b>2021</b> , 16, 237-258	5.6	16
52	Polymer-Coated NH <sub>2</sub> -UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 10796-10811	9.5	31
51	Palladium supported aminobenzamide modified silica coated superparamagnetic iron oxide as an applicable nanocatalyst for Heck cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 936, 121711	2.3	4
50	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0008824	4.8	0
49	Synthesis and characterization of vitamin D-functionalized carbon dots for CRISPR/Cas9 delivery. <i>Nanomedicine</i> , <b>2021</b> , 16, 1673-1690	5.6	2
48	Levofloxacin-halloysite nanohybrid-loaded fibers based on poly (ethylene oxide) and sodium alginate: Fabrication, characterization, and antibacterial property. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 64, 102598	4.5	3
47	Cationic Liposome Decorated with Cyclic RGD Peptide for Targeted Delivery of anti-STAT3 siRNA to Melanoma Cancer Cells. <i>Journal of Drug Targeting</i> , <b>2021</b> , 1-34	5.4	6
46	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
45	Potential of chitosan/alginate nanoparticles as a non-viral vector for gene delivery: Formulation and optimization using D-optimal design. <i>Materials Science and Engineering C</i> , <b>2021</b> , 128, 112262	8.3	3
44	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
43	Sirtuin 1: A Dilemma in Transplantation. <i>Journal of Transplantation</i> , <b>2020</b> , 2020, 9012980	2.3	4

42	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
41	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
40	Stimulus-Responsive Sequential Release Systems for Drug and Gene Delivery. <i>Nano Today</i> , <b>2020</b> , 34,	17.9	65
39	Exosomes as a next-generation drug delivery system: An update on drug loading approaches, characterization, and clinical application challenges. <i>Acta Biomaterialia</i> , <b>2020</b> , 113, 42-62	10.8	32
38	Carbosilane dendrimers: Drug and gene delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 59, 101879	4.5	34
37	Adoptive Treg cell-based immunotherapy: Frontier therapeutic aspects in rheumatoid arthritis. <i>Immunotherapy</i> , <b>2020</b> , 12, 933-946	3.8	2
36	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
35	Tocilizumab in transplantation. <i>European Journal of Clinical Pharmacology</i> , <b>2020</b> , 76, 765-773	2.8	8
34	Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. <i>Journal of Biomedical Nanotechnology</i> , <b>2020</b> , 16, 553-582	4	12
33	Appropriate Scaffold Selection for CNS Tissue Engineering. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2020</b> , 12, 203-220	1.4	1
32	Fabrication and Evaluation of Buccal Mucoadhesive Tablet of Meloxicam. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 63-76	1.1	
31	The Role of HSA21 Encoded Mirna in Down Syndrome Pathophysiology: Opportunities in miRNA-Targeted Pharmacotherapy and Diagnosis of the Down Syndrome <b>2020</b> , 27, 302-312		
30	Amphiphilic hyperbranched polyester coated rod mesoporous silica nanoparticles for pH-responsive doxorubicin delivery. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 28, 171-180	3.9	6
29	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
28	COVID-19: Significance of antibodies. <i>Human Antibodies</i> , <b>2020</b> , 28, 287-297	1.3	13
27	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
26	Potential application of liposomal nanodevices for non-cancer diseases: an update on design, characterization and biopharmaceutical evaluation. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 277, 102121	14.3	16
25	Targeting Caveolin-1 and Claudin-5 with AY9944, Improve Blood-Brain Barrier Permeability; Computational Simulation and Experimental Study. <i>Cellular and Molecular Neurobiology</i> , <b>2020</b> , 1	4.6	1

24	Novel Pt-AgPO/CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	12
23	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
22	A comprehensive overview on the genetics of Behçet's disease. <i>International Reviews of Immunology</i> , <b>2020</b> , 1-64	4.6	4
21	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
20	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
19	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
18	Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , <b>2020</b> , 26, i46-i56	3.2	46
17	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
16	Silk fibroin scaffolds for common cartilage injuries: Possibilities for future clinical applications. <i>European Polymer Journal</i> , <b>2019</b> , 115, 251-267	5.2	48
15	Gene therapy in rheumatoid arthritis: Strategies to select therapeutic genes. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 16913-16924	7	7
14	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
13	Zika Virus Infection, Basic and Clinical Aspects: A Review Article. <i>Iranian Journal of Public Health</i> , <b>2019</b> , 48, 20-31	0.7	25
12	Meeting Between Rumi and Shams in Notch Signaling; Implications for Pain Management: A Narrative Review. <i>Anesthesiology and Pain Medicine</i> , <b>2019</b> , 9, e85279	3.5	1
11	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 1196-1205	7.5	17
10	Photoluminescent functionalized carbon dots for CRISPR delivery: synthesis, optimization and cellular investigation. <i>Nanotechnology</i> , <b>2019</b> , 30, 135101	3.4	25
9	New insights into designing hybrid nanoparticles for lung cancer: Diagnosis and treatment. <i>Journal of Controlled Release</i> , <b>2019</b> , 295, 250-267	11.7	69
8	Immune cells involved in the pathogenesis of ankylosing spondylitis. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 100, 198-204	7.5	33
7	Facile preparation and characterization of pH sensitive Mt/CMC nanocomposite hydrogel beads for propranolol controlled release. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 111, 696-705	7.9	38

6	Silk fibroin/hydroxyapatite composites for bone tissue engineering. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 68-91	17.8	224
5	Overview of Silk Fibroin Use in Wound Dressings. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 907-922	15.1	198
4	Prospects of siRNA applications in regenerative medicine. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 524, 312-329	6.5	19
3	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 2163-2171	2	16
2	N-(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as ßSecretase (BACE1) Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. <i>Archiv Der Pharmazie</i> , <b>2015</b> , 348, 330-7	4.3	19
1	Zika Virus Infection, Basic and Clinical Aspects: A Review Article. <i>Iranian Journal of Public Health</i> ,	0.7	13