

Yousef Fatahi

List of Publications by Citations

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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 | Silk fibroin/hydroxyapatite composites for bone tissue engineering. <i>Biotechnology Advances</i> , 2018 , 36, 68-91 | 17.8 | 224 |
| 76 | Overview of Silk Fibroin Use in Wound Dressings. <i>Trends in Biotechnology</i> , 2018 , 36, 907-922 | 15.1 | 198 |
| 75 | New insights into designing hybrid nanoparticles for lung cancer: Diagnosis and treatment. <i>Journal of Controlled Release</i> , 2019 , 295, 250-267 | 11.7 | 69 |
| 74 | Stimulus-Responsive Sequential Release Systems for Drug and Gene Delivery. <i>Nano Today</i> , 2020 , 34, | 17.9 | 65 |
| 73 | 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, | 6.3 | 61 |
| 72 | Silk fibroin scaffolds for common cartilage injuries: Possibilities for future clinical applications. <i>European Polymer Journal</i> , 2019 , 115, 251-267 | 5.2 | 48 |
| 71 | Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020 , 26, i46-i56 | 3.2 | 46 |
| 70 | Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4205-4224 | 7.3 | 45 |
| 69 | Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4363-4392 | 7.3 | 40 |
| 68 | 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 | 7.9 | 39 |
| 67 | 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 | 3.2 | 39 |
| 66 | Facile preparation and characterization of pH sensitive Mt/CMC nanocomposite hydrogel beads for propranolol controlled release. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 696-705 | 7.9 | 38 |
| 65 | Carbosilane dendrimers: Drug and gene delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 59, 101879 | 4.5 | 34 |
| 64 | Immune cells involved in the pathogenesis of ankylosing spondylitis. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 100, 198-204 | 7.5 | 33 |
| 63 | Exosomes as a next-generation drug delivery system: An update on drug loading approaches, characterization, and clinical application challenges. <i>Acta Biomaterialia</i> , 2020 , 113, 42-62 | 10.8 | 32 |
| 62 | Polymer-Coated NH-UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 10796-10811 | 9.5 | 31 |
| 61 | Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 3053-3068 | 5.5 | 28 |

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| 60 | Zika Virus Infection, Basic and Clinical Aspects: A Review Article. <i>Iranian Journal of Public Health</i> , 2019 , 48, 20-31 | 0.7 | 25 |
| 59 | Photoluminescent functionalized carbon dots for CRISPR delivery: synthesis, optimization and cellular investigation. <i>Nanotechnology</i> , 2019 , 30, 135101 | 3.4 | 25 |
| 58 | Green synthesis of CuO- and CuO-NPs in assistance with high-gravity: The flowering of nanobiotechnology. <i>Nanotechnology</i> , 2020 , 31, 425101 | 3.4 | 22 |
| 57 | 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 | 4.1 | 21 |
| 56 | Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 8706-8720 | 8.3 | 20 |
| 55 | Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021 , 4, 2000076 | 4.9 | 20 |
| 54 | Prospects of siRNA applications in regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2017 , 524, 312-329 | 6.5 | 19 |
| 53 | N-(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as Secretase (BACE1) Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. <i>Archiv Der Pharmazie</i> , 2015 , 348, 330-7 | 4.3 | 19 |
| 52 | 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 | 4.5 | 18 |
| 51 | Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , 2021 , 11, 6604 | 4.9 | 17 |
| 50 | An update on actively targeted liposomes in advanced drug delivery to glioma. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120645 | 6.5 | 17 |
| 49 | Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1196-1205 | 7.5 | 17 |
| 48 | Zn-rich (GaN) _{1-x} (ZnO) _x : a biomedical friend?. <i>New Journal of Chemistry</i> , 2021 , 45, 4077-4089 | 3.6 | 17 |
| 47 | 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> , 2016 , 13, 2163-2171 | 2 | 16 |
| 46 | High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 30, 102297 | 6 | 16 |
| 45 | 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> , 2020 , 277, 102121 | 14.3 | 16 |
| 44 | Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021 , 16, 237-258 | 5.6 | 16 |
| 43 | ZnAl nano layered double hydroxides for dual functional CRISPR/Cas9 delivery and enhanced green fluorescence protein biosensor. <i>Scientific Reports</i> , 2020 , 10, 20672 | 4.9 | 15 |

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| 42 | Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 21, 100415 | 3.9 | 15 |
| 41 | The flowering of Mechanically Interlocked Molecules: Novel approaches to the synthesis of rotaxanes and catenanes. <i>Coordination Chemistry Reviews</i> , 2020 , 423, 213484 | 23.2 | 14 |
| 40 | 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> , 2021 , 32, 102331 | 6 | 14 |
| 39 | Zika Virus Infection, Basic and Clinical Aspects: A Review Article. <i>Iranian Journal of Public Health</i> , | 0.7 | 13 |
| 38 | COVID-19: Significance of antibodies. <i>Human Antibodies</i> , 2020 , 28, 287-297 | 1.3 | 13 |
| 37 | Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 553-582 | 4 | 12 |
| 36 | Novel Pt-AgPO/CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 12 |
| 35 | The impact of protein corona on the biological behavior of targeting nanomedicines.. <i>International Journal of Pharmaceutics</i> , 2022 , 614, 121458 | 6.5 | 9 |
| 34 | Green porous benzamide-like nanomembranes for hazardous cations detection, separation, and concentration adjustment. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127130 | 12.8 | 9 |
| 33 | Tocilizumab in transplantation. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 765-773 | 2.8 | 8 |
| 32 | Baricitinib: From Rheumatoid Arthritis to COVID-19. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 1274-1285 | 5.9 | 8 |
| 31 | 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> , 2021 , 61, 102118 | 4.5 | 8 |
| 30 | 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> , 2021 , 1-40 | 11.5 | 8 |
| 29 | Gene therapy in rheumatoid arthritis: Strategies to select therapeutic genes. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16913-16924 | 7 | 7 |
| 28 | Amphiphilic hyperbranched polyester coated rod mesoporous silica nanoparticles for pH-responsive doxorubicin delivery. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 171-180 | 3.9 | 6 |
| 27 | Development of a nano biosensor for anti-gliadin detection for Celiac disease based on suspension microarrays. <i>Biomedical Physics and Engineering Express</i> , 2020 , 6, 055015 | 1.5 | 6 |
| 26 | Cationic Liposome Decorated with Cyclic RGD Peptide for Targeted Delivery of anti-STAT3 siRNA to Melanoma Cancer Cells. <i>Journal of Drug Targeting</i> , 2021 , 1-34 | 5.4 | 6 |
| 25 | Porphyrim Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 5 |

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| 24 | Sirtuin 1: A Dilemma in Transplantation. <i>Journal of Transplantation</i> , 2020 , 2020, 9012980 | 2.3 | 4 |
| 23 | A comprehensive overview on the genetics of Behçet's disease. <i>International Reviews of Immunology</i> , 2020 , 1-64 | 4.6 | 4 |
| 22 | Highly Photoluminescent Nitrogen- and Zinc-Doped Carbon Dots for Efficient Delivery of CRISPR/Cas9 and mRNA. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1875-1887 | 6.3 | 4 |
| 21 | Palladium supported aminobenzamide modified silica coated superparamagnetic iron oxide as an applicable nanocatalyst for Heck cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2021 , 936, 121711 | 2.3 | 4 |
| 20 | Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. <i>Journal of Nanostructure in Chemistry</i> , 2021 , 1-14 | 7.6 | 4 |
| 19 | 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> , 2021 , 64, 102598 | 4.5 | 3 |
| 18 | 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> , 2021 , 128, 112262 | 8.3 | 3 |
| 17 | Adoptive Treg cell-based immunotherapy: Frontier therapeutic aspects in rheumatoid arthritis. <i>Immunotherapy</i> , 2020 , 12, 933-946 | 3.8 | 2 |
| 16 | Quantum dots against SARS-CoV-2: diagnostic and therapeutic potentials.. <i>Journal of Chemical Technology and Biotechnology</i> , 2022 , | 3.5 | 2 |
| 15 | Polyethylenimine-Functionalized Carbon Dots for Delivery of CRISPR/Cas9 Complexes.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 7979-7992 | 4.1 | 2 |
| 14 | Synthesis and characterization of vitamin D-functionalized carbon dots for CRISPR/Cas9 delivery. <i>Nanomedicine</i> , 2021 , 16, 1673-1690 | 5.6 | 2 |
| 13 | 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 , 153902 | 10.2 | 2 |
| 12 | Recent Developments of Nanostructures for the Ocular Delivery of Natural Compounds.. <i>Frontiers in Chemistry</i> , 2022 , 10, 850757 | 5 | 2 |
| 11 | Designing a new alginate-fibrinogen biomaterial composite hydrogel for wound healing.. <i>Scientific Reports</i> , 2022 , 12, 7213 | 4.9 | 2 |
| 10 | Appropriate Scaffold Selection for CNS Tissue Engineering. <i>Avicenna Journal of Medical Biotechnology</i> , 2020 , 12, 203-220 | 1.4 | 1 |
| 9 | Meeting Between Rumi and Shams in Notch Signaling; Implications for Pain Management: A Narrative Review. <i>Anesthesiology and Pain Medicine</i> , 2019 , 9, e85279 | 3.5 | 1 |
| 8 | Targeting Caveolin-1 and Claudin-5 with AY9944, Improve Blood-Brain Barrier Permeability; Computational Simulation and Experimental Study. <i>Cellular and Molecular Neurobiology</i> , 2020 , 1 | 4.6 | 1 |
| 7 | SARS-Cov-2 and COVID-19, Basic and Clinical Aspects of the Human Pandemic: A Review. <i>Iranian Journal of Public Health</i> , 2021 , 50, 665-675 | 0.7 | 1 |

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| 6 | 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> , 2021 , 67, 1028-1039 | 4.5 | ○ |
| 5 | Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0008824 | 4.8 | ○ |
| 4 | COVID-19 immunotherapy: Treatment based on the immune cell-mediated approaches.. <i>International Immunopharmacology</i> , 2022 , 107, 108655 | 5.8 | ○ |
| 3 | Synthesis of green benzamide-decorated UiO-66-NH for biomedical applications.. <i>Chemosphere</i> , 2022 , 299, 134359 | 8.4 | ○ |
| 2 | Fabrication and Evaluation of Buccal Mucoadhesive Tablet of Meloxicam. <i>Iranian Journal of Pharmaceutical Research</i> , 2020 , 19, 63-76 | 1.1 | |
| 1 | The Role of HSA21 Encoded Mirna in Down Syndrome Pathophysiology: Opportunities in miRNA-Targeted Pharmacotherapy and Diagnosis of the Down Syndrome 2020 , 27, 302-312 | | |