

# Ramezan Ali Taheri

## 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.

85 papers	788 citations	14 h-index	21 g-index
90 ext. papers	1,086 ext. citations	3.6 avg, IF	4.98 L-index

#	Paper	IF	Citations
85	Urea impregnated multiwalled carbon nanotubes; a formaldehyde scavenger for urea formaldehyde adhesives and medium density fiberboards bonded with them. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51445	2.9	2
84	A ratiometric electrochemical DNA-biosensor for detection of miR-141.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 213	5.8	1
83	Development and characterization of the carvone-loaded zein/pullulan hybrid electrospun nanofibers for food and medical applications. <i>Industrial Crops and Products</i> , <b>2022</b> , 183, 114964	5.9	1
82	Electrochemical Recovery to Overcome Direct Osmosis Concentrate-Bearing Lead: Optimization of Treatment Process via RSM-CCD. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3136	3	0
81	The expression levels of MicroRNA-146a, RANKL and OPG after non-surgical periodontal treatment. <i>BMC Oral Health</i> , <b>2021</b> , 21, 523	3.7	1
80	Photocatalytic oxidation of ketone group volatile organic compounds in an intensified fluidized bed reactor using nano-TiO <sub>2</sub> /UV process: An experimental and modeling study. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2021</b> , 161, 108312	3.7	1
79	Protective effects of HIIT vs. CET exercise training on high-fat-high-fructose diet-induced hyperglycemia, hyperlipidemia, and histopathology of liver in rats: regulation of SIRT1/PGC-1 $\beta$ . <i>Sport Sciences for Health</i> , <b>2021</b> , 17, 707-715	1.3	0
78	Numerical Investigation of Mixing by Induced Electrokinetic Flow in T-Micromixer with Conductive Curved Arc Plate. <i>Symmetry</i> , <b>2021</b> , 13, 915	2.7	2
77	Isolation and characterization of a novel nanobody for detection of GRP78 expressing cancer cells. <i>Biotechnology and Applied Biochemistry</i> , <b>2021</b> , 68, 239-246	2.8	4
76	Natural gum as bio-reductant to green synthesize silver nanoparticles: assessing the apoptotic efficacy on MCF-7 and SH-SY5Y cell lines and their antimicrobial potential. <i>Polymer Bulletin</i> , <b>2021</b> , 78, 2867-2886	2.4	1
75	Mechanical and gamma-ray shielding properties and environmental benefits of concrete incorporating GGBFS and copper slag. <i>Journal of Building Engineering</i> , <b>2021</b> , 33, 101615	5.2	5
74	Anticancer effect of green tea extract (GTE)-Loaded pH-responsive niosome Coated with PEG against different cell lines. <i>Materials Today Communications</i> , <b>2021</b> , 26, 101751	2.5	15
73	Performance improvement of cement paste loaded with MWCNT $\beta$ hagnetite nanocomposite. <i>Advances in Cement Research</i> , <b>2021</b> , 33, 357-366	1.8	
72	Preparation and Characterization Nanocrystalline Cellulose as a Food Additive to Produce Healthy Biscuit Cream. <i>Starch/Staerke</i> , <b>2021</b> , 73, 2000033	2.3	6
71	Rapamycin attenuates gene expression of programmed cell death protein-ligand 1 and Foxp3 in the brain; a novel mechanism proposed for immunotherapy in the brain. <i>Research in Pharmaceutical Sciences</i> , <b>2021</b> , 16, 165-172	2.6	0
70	A cross-linked anti-TNF $\beta$ aptamer for neutralization of TNF $\beta$ -induced cutaneous Shwartzman phenomenon: A simple and novel approach for improving aptamersTaffinity and efficiency. <i>Biotechnology Progress</i> , <b>2021</b> , 37, e3191	2.8	1
69	Targeted nanostructured lipid carrier containing galangin as a promising adjuvant for improving cytotoxic effects of chemotherapeutic agents. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2021</b> , 394, 2353-2362	3.4	2

68	Immunogenicity of glycine nanoparticles containing a chimeric antigen as vaccine candidate. <i>Clinical and Experimental Vaccine Research</i> , <b>2021</b> , 10, 35-43	1.9	2
67	Preparation, characterization and release behavior of chitosan-coated nanoliposomes (chitosomes) containing olive leaf extract optimized by response surface methodology. <i>Journal of Food Science and Technology</i> , <b>2021</b> , 58, 3430-3443	3.3	4
66	Electrochemical aptasensor for Escherichia coli O157:H7 bacteria detection using a nanocomposite of reduced graphene oxide, gold nanoparticles and polyvinyl alcohol. <i>Analytical Methods</i> , <b>2021</b> , 13, 3101-3109	3.3	6
65	Group A Antibiotic Resistance in Iranian Children: A Meta-analysis. <i>Oman Medical Journal</i> , <b>2021</b> , 36, e2221	1.4	2
64	Fate of nano-phytosomes containing bioactive compounds of Echinacea extract in an acidic food beverage. <i>Food Structure</i> , <b>2021</b> , 27, 100177	4.3	12
63	Inhibitory effects of tolerogenic probiotics on migratory potential of lupus patient-derived DCs.. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2021</b> , 24, 1509-1514	1.8	0
62	Fabrication of a novel antifouling TiO <sub>2</sub> /CPTES/metformin-PES nanocomposite membrane for removal of various organic pollutants and heavy metal ions from wastewater. <i>Chemical Papers</i> , <b>2020</b> , 74, 3545-3556	1.9	3
61	High-Performance Electromagnetic Interference Shielding Electrodes/Substrates for Wearable Electronics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 12774-12783	3.9	6
60	Molecular dynamics simulation of bis(2-chloroethyl) sulfide gas separation by metal-organic and porous aromatic frameworks. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 306, 110402	5.3	2
59	Effect of astaxanthin nanoparticles in protecting the post-thawing quality of rooster sperm challenged by cadmium administration. <i>Poultry Science</i> , <b>2020</b> , 99, 1678-1686	3.9	12
58	The immunopathobiology of T cells in stress condition: a review. <i>Cell Stress and Chaperones</i> , <b>2020</b> , 25, 743-752	4	4
57	Combination of Biodata Mining and Computational Modelling in Identification and Characterization of ORF1ab Polyprotein of SARS-CoV-2 Isolated from Oronasopharynx of an Iranian Patient. <i>Biological Procedures Online</i> , <b>2020</b> , 22, 8	8.3	9
56	Bioinformatics prediction and experimental validation of VH antibody fragment interacting with factor H binding protein. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2020</b> , 23, 1053-1058	1.8	
55	Multi-drug resistance of Strains in Baqiyatallah hospital: a Primary Step Towards Digital Health Biomonitoring Systems. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 321-328	1.1	
54	Synthesis and characterization of inherently radiopaque nanocomposites using biocompatible iodinated poly(methyl methacrylate-co-acrylamide) and graphene oxide. <i>Bulletin of Materials Science</i> , <b>2020</b> , 43, 1	1.7	2
53	Steel fibre-reinforced high-strength concrete incorporating copper slag: Mechanical, gamma-ray shielding, impact resistance, and microstructural characteristics. <i>Journal of Building Engineering</i> , <b>2020</b> , 29, 101118	5.2	11
52	Helicobacter pylori in water, vegetables and foods of animal origin: A systematic review and meta-analysis on the prevalence, antibiotic resistance and genotype status in Iran. <i>Gene Reports</i> , <b>2020</b> , 21, 100913	1.4	1
51	Biologically-synthesised ZnO/CuO/Ag nanocomposite using propolis extract and coated on the gauze for wound healing applications. <i>IET Nanobiotechnology</i> , <b>2020</b> , 14, 548-554	2	5

50	Electrophoretic deposition of hydroxyapatite coating on biodegradable Mg <sub>0.4</sub> Zn <sub>0.4</sub> Sn <sub>0.6</sub> Ca <sub>0.5</sub> Mn alloy. <i>Surface Engineering</i> , <b>2020</b> , 36, 908-918	2.6	14
49	Identification and characterization of parvalbumin-like protein in <i>Trichophyton violaceum</i> . <i>Fungal Biology</i> , <b>2020</b> , 124, 592-600	2.8	1
48	Zr-Based MOFs with High Drug Loading for Adsorption Removal of Anti-Cancer Drugs: A Potential Drug Storage. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5549	3.1	14
47	Phytochemicals as Modulators of Long Non-Coding RNAs and Inhibitors of Cancer-Related Carbonic Anhydrases. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	28
46	Arginyl-glycyl-aspartic acid (RGD) containing nanostructured lipid carrier co-loaded with doxorubicin and sildenafil citrate enhanced anti-cancer effects and overcomes drug resistance. <i>Process Biochemistry</i> , <b>2019</b> , 84, 172-179	4.8	12
45	Cu doped TiO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> nanocomposite for degradation of azo dye in aqueous solution: Process modeling and optimization using central composite design. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103078	6.8	13
44	Aptamer-Based Sandwich Assay for Measurement of Thymidine Kinase 1 in Serum of Cancerous Patients. <i>Biochemistry</i> , <b>2019</b> , 58, 2373-2383	3.2	5
43	Immunologic balance of regulatory T cell/T helper 17 responses in gastrointestinal infectious diseases: Role of miRNAs. <i>Microbial Pathogenesis</i> , <b>2019</b> , 131, 135-143	3.8	2
42	Force Sensing in Nanoscale: Integration of Virtual Spring for Sensing the Interactions of $\beta$ -Amyloid Grabbed by Prefoldin. <i>Applied Biochemistry and Biotechnology</i> , <b>2019</b> , 188, 1108-1116	3.2	1
41	Improvement of post-thawed sperm quality in broiler breeder roosters by ellagic acid-loaded liposomes. <i>Poultry Science</i> , <b>2019</b> , 98, 440-446	3.9	17
40	Optimization of homogenization-sonication technique for the production of cellulose nanocrystals from cotton linter. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 137, 374-381	7.9	26
39	Cell cytotoxicity, immunostimulatory and antitumor effects of lipid content of liposomal delivery platforms in cancer immunotherapies. A comprehensive in-vivo and in-vitro study. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 567, 118492	6.5	12
38	Toll-like receptor 4 activation on human amniotic epithelial cells is a risk factor for pregnancy loss. <i>Journal of Research in Medical Sciences</i> , <b>2019</b> , 24, 1	1.6	14
37	Mixing Performance of a Cost-effective Split-and-Recombine 3D Micromixer Fabricated by Xurographic Method. <i>Micromachines</i> , <b>2019</b> , 10,	3.3	7
36	CdS nanocrystals/graphene oxide-AuNPs based electrochemiluminescence immunosensor in sensitive quantification of a cancer biomarker: p53. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 126, 7-14	11.8	42
35	Manufacturing of a novel double-function ssDNA aptamer for sensitive diagnosis and efficient neutralization of SEA. <i>Analytical Biochemistry</i> , <b>2018</b> , 548, 69-77	3.1	10
34	Effect of <i>Achillea millefolium</i> -loaded nanophytosome in the post-thawing sperm quality and oxidative status of rooster semen. <i>Cryobiology</i> , <b>2018</b> , 82, 37-42	2.7	11
33	Improved anticancer effects of epigallocatechin gallate using RGD-containing nanostructured lipid carriers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 283-292	6.1	42

32	Potential of Cationic Liposomes as Adjuvants/Delivery Systems for Tuberculosis Subunit Vaccines. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , <b>2018</b> , 175, 47-69	2.9	15
31	Molecular Landscape in Alveolar Soft Part Sarcoma: Implications for Molecular Targeted Therapy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 889-896	7.5	17
30	Vibrio cholerae lipopolysaccharide loaded chitosan nanoparticle could save life by induction of specific immunoglobulin isotype. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 56-61	6.1	14
29	Assembly of Gold Nanorods on HSA Amyloid Fibrils to Develop a Conductive Nanoscaffold for Potential Biomedical and Biosensing Applications. <i>Scientific Reports</i> , <b>2018</b> , 8, 9333	4.9	13
28	The effect of lipopolysaccharide on the expression level of immunomodulatory and immunostimulatory factors of human amniotic epithelial cells. <i>BMC Research Notes</i> , <b>2018</b> , 11, 343	2.3	9
27	An electrochemical dopamine aptasensor using the modified Au electrode with spindle-shaped gold nanostructure. <i>Microchemical Journal</i> , <b>2018</b> , 143, 243-251	4.8	26
26	Induction of strong immune response against a multicomponent antigen of Mycobacterium tuberculosis in BALB/c mice using PLGA and DOTAP adjuvant. <i>Apmis</i> , <b>2018</b> , 126, 509-514	3.4	10
25	Patient-specific Finite Element Model of Coronary Artery Stenting. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 4492-4502	3.3	4
24	Curcumin Mitigates Radiation-induced Lung Pneumonitis and Fibrosis in Rats. <i>International Journal of Molecular and Cellular Medicine</i> , <b>2018</b> , 7, 212-219	1.2	11
23	Adsorption of cadmium from aqueous solutions by novel FeO- newly isolated Actinomucor sp. bio-nanoadsorbent: functional group study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, S1092-S1101	6.1	13
22	A comparative finite element simulation of stress in dental implantBone interface using isotropic and orthotropic material models in three mastication cycles. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2018</b> , 40, 1	2	3
21	The effect of lipopolysaccharide on anti-inflammatory and pro-inflammatory cytokines production of human amniotic epithelial cells. <i>Reproductive Biology</i> , <b>2018</b> , 18, 404-409	2.3	10
20	Promotion of Cell-Based Therapy: Special Focus on the Cooperation of Mesenchymal Stem Cell Therapy and Gene Therapy for Clinical Trial Studies. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1119, 103-118	3.6	12
19	Are chitosan natural polymers suitable as adjuvant/delivery system for anti-tuberculosis vaccines?. <i>Microbial Pathogenesis</i> , <b>2018</b> , 121, 218-223	3.8	30
18	Lycopene-loaded nanoliposomes improve the performance of a modified Beltsville extender broiler breeder roosters. <i>Animal Reproduction Science</i> , <b>2018</b> , 195, 168-175	2.1	25
17	Liquid phase extraction of nanosized biologically active estrogenic pollutants by using an efficient adsorbent. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 266, 535-539	6	5
16	Enhanced biodegradation of phenol by magnetically immobilized Trichosporon cutaneum. <i>Annals of Microbiology</i> , <b>2018</b> , 68, 485-491	3.2	7
15	Prevalence of Human Immunodeficiency Virus in Iranian Blood Donors: A Systematic Review and Meta-Analysis. <i>Archives of Iranian Medicine</i> , <b>2018</b> , 21, 260-267	2.4	6

14	Evaluating the Potential of an Antibody Against Recombinant OmpW Antigen in Detection of <i>Vibrio cholerae</i> by Surface Plasmon Resonance (SPR) Biosensor. <i>Plasmonics</i> , <b>2017</b> , 12, 1493-1504	2.4	13
13	FRET- based immunoassay using CdTe and AuNPs for the detection of OmpW antigen of <i>Vibrio cholerae</i> . <i>Journal of Luminescence</i> , <b>2017</b> , 192, 932-939	3.8	23
12	Identification and in vitro characterization of novel nanobodies against human granulocyte colony-stimulating factor receptor to provide inhibition of G-CSF function. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 93, 245-254	7.5	10
11	An enquiry on appropriate selection of polymers for preparation of polymeric nanosorbents and nanofiltration/ultrafiltration membranes for hormone micropollutants removal from water effluents. <i>Chemosphere</i> , <b>2017</b> , 168, 91-99	8.4	25
10	Development of Surface Plasmon Resonance-Based Immunosensor for Detection of <i>Brucella melitensis</i> . <i>Journal of the Brazilian Chemical Society</i> , <b>2016</b> ,	1.5	2
9	Development of an immunosensor using oriented immobilized anti-OmpW for sensitive detection of <i>Vibrio cholerae</i> by surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 484-488	11.8	30
8	Comparison of antibody immobilization strategies in detection of <i>Vibrio cholerae</i> by surface plasmon resonance. <i>Biointerphases</i> , <b>2016</b> , 11, 041006	1.8	11
7	Metallo-beta-Lactamase VIM-1, SPM-1, and IMP-1 Genes Among Clinical <i>Pseudomonas aeruginosa</i> Species Isolated in Zahedan, Iran. <i>Jundishapur Journal of Microbiology</i> , <b>2015</b> , 8, e17489	1.2	12
6	An epidemiological study on the drug resistance of <i>Escherichia coli</i> strains isolated from women patients with urinary tract infection in Shalamzar, Iran. <i>Asian Pacific Journal of Tropical Disease</i> , <b>2015</b> , 5, 242-245		1
5	Molecular epidemiological study of cutaneous leishmaniasis in the east north of Iran. <i>Asian Pacific Journal of Tropical Disease</i> , <b>2014</b> , 4, S540-S544		3
4	Investigation of caspase-1 activity and interleukin-1 $\beta$ production in murine macrophage cell lines infected with <i>Leishmania major</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2014</b> , 7S1, S70-3	2.1	9
3	Antibacterial activity of ethyl acetate and aqueous extracts of <i>Mentha longifolia</i> L. and hydroalcoholic extract of <i>Zataria multiflora</i> Boiss. plants against important human pathogens. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2014</b> , 7S1, S186-9	2.1	14
2	Development of carbon nanotube-mycosorbent for effective Congo red removal: optimization, isotherm and kinetic studies		11
1	The potential of white and soft-rot fungi for biodegradation of multi-walled carbon nanotubes (MWCNTs): characterization and enzyme analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 1-23	1.8	0