

# Reza Khodarahmi

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

2,552  
citations

257450

24  
h-index

265206

42  
g-index

122  
all docs

122  
docs citations

122  
times ranked

3907  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential $\alpha$ -amylase/ $\alpha$ -glucosidase inhibitory activities of plant-derived phenolic compounds: a virtual screening perspective for the treatment of obesity and diabetes. <i>Food and Function</i> , 2017, 8, 1942-1954.	4.6	270
2	Toxicity of Protein Oligomers Is Rationalized by a Function Combining Size and Surface Hydrophobicity. <i>ACS Chemical Biology</i> , 2014, 9, 2309-2317.	3.4	166
3	Polyphenols and their benefits: A review. <i>International Journal of Food Properties</i> , 0, , 1-42.	3.0	157
4	Spectroscopic study of interaction between osthole and human serum albumin: Identification of possible binding site of the compound. <i>Journal of Luminescence</i> , 2013, 143, 328-336.	3.1	89
5	Comparative spectroscopic studies on drug binding characteristics and protein surface hydrophobicity of native and modified forms of bovine serum albumin: Possible relevance to change in protein structure/function upon non-enzymatic glycation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 177-186.	3.9	68
6	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1310.	3.5	65
7	Immunomodulatory; Anti-inflammatory/antioxidant Effects of Polyphenols: A Comparative Review on the Parental Compounds and Their Metabolites. <i>Food Reviews International</i> , 2021, 37, 759-811.	8.4	64
8	Antioxidant status in patients with psoriasis. <i>Cell Biochemistry and Function</i> , 2014, 32, 268-273.	2.9	63
9	Sofosbuvir as Repurposed Antiviral Drug Against COVID-19: Why Were We Convinced to Evaluate the Drug in a Registered/Approved Clinical Trial?. <i>Archives of Medical Research</i> , 2020, 51, 577-581.	3.3	59
10	Fabrication of a novel enzymatic electrochemical biosensor for determination of tyrosine in some food samples. <i>Talanta</i> , 2018, 183, 1-10.	5.5	58
11	Plant Cell Cancer: May Natural Phenolic Compounds Prevent Onset and Development of Plant Cell Malignancy? A Literature Review. <i>Molecules</i> , 2016, 21, 1104.	3.8	57
12	Probing of possible olanzapine binding site on human serum albumin: Combination of spectroscopic methods and molecular dynamics simulation. <i>Journal of Luminescence</i> , 2015, 158, 91-98.	3.1	52
13	Synthesis, in vitro antibacterial and carbonic anhydrase II inhibitory activities of N-acylsulfonamides using silica sulfuric acid as an efficient catalyst under both solvent-free and heterogeneous conditions. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5465-5472.	3.0	42
14	Studies of the Interaction between Isoimperatorin and Human Serum Albumin by Multispectroscopic Method: Identification of Possible Binding Site of the Compound Using Esterase Activity of the Protein. <i>Scientific World Journal</i> , The, 2013, 2013, 1-13.	2.1	42
15	Exploring binding properties of sertraline with human serum albumin: Combination of spectroscopic and molecular modeling studies. <i>Chemico-Biological Interactions</i> , 2015, 242, 235-246.	4.0	40
16	Spectroscopic study of drug-binding characteristics of unmodified and pNPA-based acetylated human serum albumin: Does esterase activity affect microenvironment of drug binding sites on the protein?. <i>Journal of Luminescence</i> , 2015, 160, 351-361.	3.1	38
17	Purification and biochemical characterisation of glucoamylase from a newly isolated <i>Aspergillus niger</i> : Relation to starch processing. <i>Food Chemistry</i> , 2014, 161, 270-278.	8.2	37
18	Appraisal of casein's inhibitory effects on aggregation accompanying carbonic anhydrase refolding and heat-induced ovalbumin fibrillogenesis. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 67-76.	3.0	36

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19	Effective suppression of the modified PHF6 peptide/1N4R Tau amyloid aggregation by intact curcumin, not its degradation products: Another evidence for the pigment as preventive/therapeutic "functional food". International Journal of Biological Macromolecules, 2018, 120, 1009-1022.	7.5	36
20	Chemometrical-electrochemical investigation for comparing inhibitory effects of quercetin and its sulfonamide derivative on human carbonic anhydrase II: Theoretical and experimental evidence. International Journal of Biological Macromolecules, 2019, 136, 377-385.	7.5	33
21	Comparative studies of the artificial chaperone-assisted refolding of thermally denatured bovine carbonic anhydrase using different capturing ionic detergents and $\beta$ -cyclodextrin. Archives of Biochemistry and Biophysics, 2005, 437, 178-185.	3.0	30
22	Artificial chaperone-assisted refolding of chemically denatured $\beta$ -amylase. International Journal of Biological Macromolecules, 2005, 35, 257-263.	7.5	29
23	Spectroscopic and molecular modeling studies on binding of dorzolamide to bovine and human carbonic anhydrase II. International Journal of Biological Macromolecules, 2015, 80, 189-199.	7.5	27
24	Two- and three-way chemometric analyses for investigation of interactions of acarbose with normal and glycated human serum albumin: Developing a novel biosensing system. Microchemical Journal, 2021, 160, 105675.	4.5	27
25	Inhibition of guinea pig aldehyde oxidase activity by different flavonoid compounds: An in vitro study. Bioorganic Chemistry, 2016, 64, 74-84.	4.1	25
26	Spectroscopic study on the interaction of celecoxib with human carbonic anhydrase II: Thermodynamic characterization of the binding process. Journal of Photochemistry and Photobiology B: Biology, 2009, 97, 161-168.	3.8	24
27	Appraisal of role of the polyanionic inducer length on amyloid formation by 412-residue 1N4R Tau protein: A comparative study. Archives of Biochemistry and Biophysics, 2016, 609, 1-19.	3.0	24
28	Antioxidant and glycohydrolase inhibitory behavior of curcumin-based compounds: Synthesis and evaluation of anti-diabetic properties in vitro. Bioorganic Chemistry, 2021, 110, 104720.	4.1	24
29	Comparative Spectroscopic Studies on Curcumin Stabilization by Association to Bovine Serum Albumin and Casein: A Perspective on Drug-Delivery Application. International Journal of Food Properties, 2015, 18, 638-659.	3.0	23
30	Degradation products of the artificial azo dye, Allura red, inhibit esterase activity of carbonic anhydrase II: A basic in vitro study on the food safety of the colorant in terms of enzyme inhibition. Food Chemistry, 2016, 213, 494-504.	8.2	23
31	Fast, inexpensive purification of $\beta$ -glucosidase from <i>Aspergillus niger</i> and improved catalytic/physicochemical properties upon the enzyme immobilization: Possible broad prospects for industrial applications. LWT - Food Science and Technology, 2020, 118, 108770.	5.2	23
32	Anti-angiogenic/proliferative behavior of a "4-aryl-4H-chromene" on blood vessel "endothelial cells: A possible evidence on dual "anti-tumor" activity. Medicinal Chemistry Research, 2011, 20, 920-929.	2.4	22
33	Differential Scanning Calorimetry Study on Thermal Denaturation of Human Carbonic Anhydrase II. Journal of Chemical & Engineering Data, 2011, 56, 1158-1162.	1.9	21
34	Amyloid fibril formation by native and modified bovine $\beta$ -lactoglobulins proceeds through unfolded form of proteins: A comparative study. Biophysical Chemistry, 2011, 159, 311-320.	2.8	21
35	Artemin as an Efficient Molecular Chaperone. Protein Journal, 2011, 30, 549-557.	1.6	20
36	Enhancement of intrinsic fluorescence of human carbonic anhydrase II upon topiramate binding: Some evidence for drug-induced molecular contraction of the protein. International Journal of Biological Macromolecules, 2018, 108, 240-249.	7.5	20

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37	Study of Cosolvent-Induced $\beta$ -Chymotrypsin Fibrillogenesis: Does Protein Surface Hydrophobicity Trigger Early Stages of Aggregation Reaction?. <i>Protein Journal</i> , 2009, 28, 349-361.	1.6	19
38	Serum lipid profile in psoriatic patients: correlation between vascular adhesion protein 1 and lipoprotein (a). <i>Cell Biochemistry and Function</i> , 2013, 31, 36-40.	2.9	19
39	Mechanistic investigation of sulfonamide ligands as human carbonic anhydrase II inhibitors. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1198-1207.	7.5	19
40	Demographics, clinical characteristics, and outcomes of 27,256 hospitalized COVID-19 patients in Kermanshah Province, Iran: a retrospective one-year cohort study. <i>BMC Infectious Diseases</i> , 2022, 22, 319.	2.9	19
41	Chaperone-like activity of heme group against amyloid-like fibril formation by hen egg ovalbumin: Possible mechanism of action. <i>International Journal of Biological Macromolecules</i> , 2009, 44, 98-106.	7.5	18
42	Therapeutic Potentials of the Most Studied Flavonoids: Highlighting Antibacterial and Antidiabetic Functionalities. <i>Studies in Natural Products Chemistry</i> , 2019, 60, 85-122.	1.8	18
43	The antidepressant drug; trazodone inhibits Tau amyloidogenesis: Prospects for prophylaxis and treatment of AD. <i>Archives of Biochemistry and Biophysics</i> , 2020, 679, 108218.	3.0	18
44	Functionalization of $\text{Fe}_2\text{O}_3/\text{SiO}_2$ nanoparticles using the antiviral drug zidovudine: synthesis, characterization, in vitro cytotoxicity and DNA interaction studies. <i>RSC Advances</i> , 2016, 6, 73605-73616.	3.6	17
45	Synthesis and in vitro characterization of some benzothiazole- and benzofuranone-derivatives for quantification of fibrillar aggregates and inhibition of amyloid-mediated peroxidase activity. <i>Medicinal Chemistry Research</i> , 2013, 22, 115-126.	2.4	16
46	Diverse Effects of Different $\alpha$ -Protein-Based Vehicles on the Stability and Bioavailability of Curcumin: Spectroscopic Evaluation of the Antioxidant Activity and Cytotoxicity In Vitro. <i>Protein and Peptide Letters</i> , 2019, 26, 132-147.	0.9	16
47	Spectroscopic characterization of furosemide binding to human carbonic anhydrase II. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 910-917.	7.5	15
48	Effects of silica nanoparticle supported ionic liquid as additive on thermal reversibility of human carbonic anhydrase II. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 933-938.	7.5	15
49	Efficacy and safety of sofosbuvir/velpatasvir versus the standard of care in adults hospitalized with COVID-19: a single-centre, randomized controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2158-2167.	3.0	15
50	Effect of essential oil of <i>Rosa Damascena</i> on human colon cancer cell line SW742. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2013, 6, 25-31.	0.6	15
51	Fluorimetric study of the artificial chaperone-assisted renaturation of carbonic anhydrase: A kinetic analysis. <i>International Journal of Biological Macromolecules</i> , 2005, 36, 191-197.	7.5	14
52	Heme, as a chaperone, binds to amyloid fibrils and forms peroxidase in vitro: Possible evidence on critical role of non-specific peroxidase activity in neurodegenerative disease onset/progression using the $\beta$ -crystallin-based experimental system. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 205-215.	3.0	14
53	Dipyridamole inhibits $\beta$ -amylase/ $\beta$ -glucosidase at sub-micromolar concentrations; in-vitro, in-vivo and theoretical studies. <i>Bioorganic Chemistry</i> , 2019, 88, 102972.	4.1	14
54	Pyridine-2,3-dicarboxylate, quinolinic acid, induces 1N4R Tau amyloid aggregation in vitro: Another evidence for the detrimental effect of the inescapable endogenous neurotoxin. <i>Chemico-Biological Interactions</i> , 2020, 315, 108884.	4.0	14

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55	Refolding of chemically denatured $\alpha$ -amylase in dilution additive mode. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1674, 175-81.	2.4	13
56	Suppression effect of guanidine hydrochloride on $\beta$ -cyclodextrin-assisted refolding of denatured $\beta$ -amylase. <i>Process Biochemistry</i> , 2005, 40, 2973-2979.	3.7	13
57	Is there correlation between $\text{Al}^{2+}$ -heme peroxidase activity and the peptide aggregation state? A literature review combined with hypothesis. <i>International Journal of Biological Macromolecules</i> , 2017, 100, 18-36.	7.5	13
58	Engineering of a disulfide loop instead of a Zn binding loop restores the anti-proliferative, anti-angiogenic and anti-tumor activities of the N-terminal fragment of endostatin: Mechanistic and therapeutic insights. <i>Vascular Pharmacology</i> , 2015, 72, 73-82.	2.1	12
59	Development of a human epidermal growth factor derivative with EGFR-blocking and depleted biological activities: A comparative in vitro study using EGFR-positive breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 275-285.	7.5	12
60	Can any $\alpha$ -non-specific charge modification within microtubule binding domains of Tau be a prerequisite of the protein amyloid aggregation? An in vitro study on the 1N4R isoform. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 188-204.	7.5	12
61	Molecular cloning, expression, and functional characterization of 70-kDa heat shock protein, DnaK, from <i>Bacillus halodurans</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 137, 151-159.	7.5	12
62	Evaluation of artificial chaperoning behavior of an insoluble cyclodextrin-rich copolymer: Solid-phase assisted refolding of carbonic anhydrase. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 319-326.	7.5	11
63	Comparative studies on drug binding to the purified and pharmaceutical-grade human serum albumins: Bridging between basic research and clinical applications of albumin. <i>Biologicals</i> , 2015, 43, 333-343.	1.4	11
64	Comparative experimental/theoretical studies on the EGFR dimerization under the effect of EGF/EGF analogues binding: Highlighting the importance of EGF/EGFR interactions at site III interface. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 401-417.	7.5	11
65	Curcumin-based Antioxidant and Glycohydrolase Inhibitor Compounds: Synthesis and In Vitro Appraisal of the Dual Activity Against Diabetes. <i>Medicinal Chemistry</i> , 2021, 17, 677-698.	1.5	11
66	Synthesis, Characterization, Molecular Modeling, and DNA Interaction Studies of Copper Complex Containing Food Additive Carmoisine Dye. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 315-333.	1.1	10
67	Enhancement of thermal reversibility and stability of human carbonic anhydrase II by mesoporous nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 67-72.	7.5	9
68	Captopril/enalapril inhibit promiscuous esterase activity of carbonic anhydrase at micromolar concentrations: An in vitro study. <i>Chemico-Biological Interactions</i> , 2017, 265, 24-35.	4.0	9
69	TSGA10 Over Expression Decreases Metastatic and Metabolic Activity by Inhibiting HIF-1 in Breast Cancer Cells. <i>Archives of Medical Research</i> , 2020, 51, 41-53.	3.3	9
70	Study of glycation process of human carbonic anhydrase II as well as investigation concerning inhibitory influence of 3-beta-hydroxybutyrate on it. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 443-449.	7.5	9
71	Electrochemical-spectroscopic-chemometric investigation of binding and inhibition of myeloperoxidase by bivalirudin: Application to determination of myeloperoxidase as a biomarker for acute coronary syndrome. <i>Microchemical Journal</i> , 2021, 166, 106212.	4.5	9
72	Resolving interactions of miglitol with normal and glycated human serum albumin by multivariate methods. <i>Analytical Biochemistry</i> , 2021, 630, 114339.	2.4	9

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73	LRH-1 (liver receptor homolog-1) derived affinity peptide ligand to inhibit interactions between $\beta^2$ -catenin and LRH-1 in pancreatic cancer cells: from computational design to experimental validation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3082-3097.	3.5	8
74	Appraisal of sildenafil binding on the structure and promiscuous esterase activity of native and histidine-modified forms of carbonic anhydrase II. <i>Biophysical Chemistry</i> , 2013, 175-176, 1-16.	2.8	7
75	acid phosphatase inhibitors: synthesis accompanied by experimental and molecular modeling assessments. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 20-28.	5.2	7
76	The Role of Anionic Peptide Fragments in 1N4R Human Tau Protein Aggregation. <i>Protein and Peptide Letters</i> , 2014, 21, 511-516.	0.9	7
77	The effect of CYP2C9*2, CYP2C9*3, and VKORC1-1639 G>A polymorphism in patients under warfarin therapy in city of Kermanshah. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 377.	1.8	7
78	A Cu(I) complex groove binder with a high affinity towards DNA denaturation. <i>Journal of Molecular Liquids</i> , 2022, 345, 117904.	4.9	7
79	Heme-coordinated histidine residues form non-specific functional $\beta$ -ferritin-heme $\beta$ peroxidase system: Possible and partial mechanistic relevance to oxidative stress-mediated pathology in neurodegenerative diseases. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 368-380.	7.5	6
80	Critical effects on binding of epidermal growth factor produced by amino acid substitutions. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1085-1101.	3.5	6
81	Are Pro8/Pro18 really critical for functional dynamic behavior of human endostatin N-terminal peptide? A comparative molecular dynamics study. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2023-2039.	2.2	6
82	Detection/quantification of amyloid aggregation in solution using the novel fluorescent benzofuranone-derivative compounds as amyloid fluorescent probes: synthesis and in vitro characterization. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1225-1237.	2.2	6
83	Sunset yellow degradation product, as an efficient water-soluble inducer, accelerates 1N4R Tau amyloid oligomerization: In vitro preliminary evidence against the food colorant safety in terms of "Triggered Amyloid Aggregation". <i>Bioorganic Chemistry</i> , 2020, 103, 104123.	4.1	6
84	Possible potentials of curcumin for pregnancies complicated by intra-uterine growth restriction: role of inflammation, angiogenesis, and oxidative stress. <i>Heliyon</i> , 2021, 7, e08034.	3.2	6
85	Exploring the interaction between "site-markers, aspirin and esterase-like activity" ternary systems on the human serum albumin: direct evidence for modulation of catalytic activity of the protein in different inhibition modes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 555-573.	2.2	6
86	The combined effects of two anti-aggregatory agents, $\beta$ -cyclodextrin and $\text{Ca}^{2+}$ , on the refolding process of denatured $\beta$ -amylase. <i>Biotechnology and Applied Biochemistry</i> , 2005, 41, 157.	3.1	5
87	Protein refolding assisted by molecular tube based $\beta$ -cyclodextrin as an artificial chaperone. <i>Biochemistry (Moscow)</i> , 2006, 71, 1298-1306.	1.5	5
88	Comparative evaluation of amphotericin B binding to the native and modified forms of rice lipid-transfer protein: a possible perspective on improving the drug-binding affinity and specificity. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 937-950.	2.2	5
89	Synthesis and characterization of 2-benzylidene-1,3-indandione derivatives as in vitro quantification of amyloid fibrils. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 423-432.	2.2	5
90	Synthesis and spectroscopic characterization of new sulfanilamide-functionalized magnetic nanoparticles, and the usability for carbonic anhydrase purification: is there perspective for "cancer treatment" application?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 7093-7106.	3.5	5

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91	Physiological changes in the albumin-bound non-esterified free fatty acids critically influence heme/bilirubin binding properties of the protein: A comparative, in vitro, spectroscopic study using the endogenous biomolecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118298.	3.9	5
92	The ACE2 as a "rescue protein" or "suspect enzyme" in COVID-19: possible application of the "engineered inactive hrsACE2" as a safer therapeutic agent in the treatment of SARS-CoV-2 infection. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 495-502.	2.2	5
93	Emerging regulatory roles of mitochondrial sirtuins on pyruvate dehydrogenase complex and the related metabolic diseases: Review. <i>Biomedical Research and Therapy</i> , 2020, 7, 3645-3658.	0.6	5
94	Appearance of Acute Myelogenous Leukemia (AML) in a Patient with Breast Cancer after Adjuvant Chemotherapy: Case Report and Review of the Literature. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, 125-8.	0.7	5
95	Green technology for production of potent antioxidants and alkyl glucosides by <i>Aspergillus niger</i> $\beta$ -glucosidase: prospects for broad application in the food industry. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 1834-1846.	3.2	5
96	Non-specific peroxidase activity and catalase-inhibitory behavior of fibrillar aggregates after interaction with heme: relevance to the etiology of amyloid-related neurodegenerative disorders using the experimental-based evidences. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 939-950.	2.2	4
97	Modified $\beta$ -casein restores thermal reversibility of human carbonic anhydrase II: The salt bridge mechanism. <i>Biotechnology and Applied Biochemistry</i> , 2013, 60, 298-304.	3.1	4
98	Peptides NAP and SAL attenuate human tau granular-shaped oligomers in vitro and in SH-SY5Y cells. <i>Neuropeptides</i> , 2016, 59, 21-31.	2.2	4
99	Diverse antithetical effects of the bio-compatible Ag-NPs on the hen egg lysozyme amyloid aggregation: from an efficient inhibitor to obscure inducer. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 33-44.	2.2	4
100	Reduced thermodynamic stability as prerequisite for aggregation of SOD1 mutants: a path through the reduction in intramolecular disulfide bonds. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2053-2071.	2.2	4
101	New Insights into the Biosensing of Parkinson's Disease Biomarkers: A Concise Review. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	4
102	Possible peroxidase active site environment in amyloidogenic proteins: Native monomer or misfolded-oligomer; which one is susceptible to the enzymatic activity, with contribution of heme?. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 293-301.	7.5	3
103	Chemometric modeling of the electrochemical data to investigate proline cis/trans isomeration effect on aggregation of Tau protein. <i>Protein Expression and Purification</i> , 2021, 182, 105858.	1.3	3
104	Molecular approaches in obesity studies. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2013, 6, S23-31.	0.6	3
105	Does Long-Term Administration of a Beta-Blocker (Timolol) Induce Fibril-Based Cataract Formation In-vivo?. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 599-612.	0.5	3
106	Cytochrome P450 (CYP450,2D6*A), N-Acetyltransferase-2 (NAT2*7, A) and Multidrug Resistance 1 (MDR1) Tj ETQq0 0 0 rgBT /Overlock 530-535.	0.6	3
107	Is curcumin an active suicidal antioxidant only in the aqueous environments?. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3441-3450.	2.2	3
108	Immobilization of IMP-1 metallo-beta-lactamase on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> as nanobiocatalyst for degradation of beta-lactam antibiotics in wastewater. <i>Water Science and Technology</i> , 2022, 85, 2189-2207.	2.5	3

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109	Increasing Antioxidant Activity in Food Waste Extracts by $\beta$ -Glucosidase. Food Technology and Biotechnology, 2022, 60, 458-468.	2.1	3
110	Direct evidence for non-specific peroxidase activity of $\alpha$ -ferritin-heme complex: possible role in the development of neurodegenerative diseases. Journal of the Iranian Chemical Society, 2015, 12, 779-790.	2.2	2
111	Factors Influencing Mitochondrial Function as a Key Mediator of Glucose-Induced Insulin Release: Highlighting Nicotinamide Nucleotide Transhydrogenase. International Journal of Molecular and Cellular Medicine, 2020, 9, 107-122.	1.1	2
112	Study on the effects of various incubation conditions on aggregation of SOD1 variants: disulfide bond reduction and demetallation synergistically promote generation of non-amyloid amorphous aggregates from SOD1 mutants. Journal of the Iranian Chemical Society, 0, , 1.	2.2	2
113	Phenylalanine gold nanoclusters as sensing platform for $\text{I}^-$ interfering molecules: a case study of iodide. Scientific Reports, 2022, 12, 2235.	3.3	2
114	IgLN5 autoimmunity tested positive in patients with isolated chronic insomnia disease. Clinical and Experimental Immunology, 2022, 207, 237-240.	2.6	2
115	Application of radial basis function neural network and DFT quantum mechanical calculations for the prediction of the activity of 2-biarylethylimidazole derivatives as bombesin receptor subtype-3 (BRS-3) agonists. Medicinal Chemistry Research, 2014, 23, 3681-3693.	2.4	1
116	Letter to the Editor. International Journal of Biological Macromolecules, 2018, 114, 1084-1085.	7.5	0
117	Appearance and Disappearance of Chronic Myeloid Leukemia (CML) in Patient with Chronic Lymphocytic Leukemia (CLL). International Journal of Hematology-Oncology and Stem Cell Research, 2014, 8, 49-53.	0.3	0
118	Synthesis and Potential Antidiabetic Properties of Curcumin-Based Derivatives: An In Vitro and In Silico Study of $\alpha$ -Glucosidase and $\alpha$ -Amylase Inhibition. Medicinal Chemistry, 2022, 18, .	1.5	0