

Mohammad Ali Faramarzi

List of Publications by Year in descending order

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255
papers

7,818
citations

47006

47
h-index

82547

72
g-index

266
all docs

266
docs citations

266
times ranked

8973
citing authors

#	ARTICLE	IF	CITATIONS
1	Laccase and Laccase-Mediated Systems in the Synthesis of Organic Compounds. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 897-927.	4.3	214
2	Evaluation of antioxidant properties and total phenolic contents of some strains of microalgae. <i>Journal of Applied Phycology</i> , 2010, 22, 43-50.	2.8	191
3	From bacteria to human: A journey into the world of chitinases. <i>Biotechnology Advances</i> , 2013, 31, 1786-1795.	11.7	180
4	Insights into biogenic and chemical production of inorganic nanomaterials and nanostructures. <i>Advances in Colloid and Interface Science</i> , 2013, 189-190, 1-20.	14.7	164
5	Purification and biochemical characterization of extracellular laccase from the ascomycete <i>Paraconiothyrium variabile</i> . <i>Bioresource Technology</i> , 2011, 102, 1808-1814.	9.6	153
6	Biosynthesis and recovery of selenium nanoparticles and the effects on matrix metalloproteinase expression. <i>Biotechnology and Applied Biochemistry</i> , 2010, 56, 7-15.	3.1	151
7	The enzymatic decolorization and detoxification of synthetic dyes by the laccase from a soil-isolated ascomycete, <i>Paraconiothyrium variabile</i> . <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 173-181.	3.9	147
8	Acute and subacute toxicity of novel biogenic selenium nanoparticles in mice. <i>Pharmaceutical Biology</i> , 2013, 51, 58-63.	2.9	146
9	Biosynthesis and characterization of gold nanoparticles produced by laccase from <i>Paraconiothyrium variabile</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 23-27.	5.0	124
10	Elimination and detoxification of sulfathiazole and sulfamethoxazole assisted by laccase immobilized on porous silica beads. <i>International Biodeterioration and Biodegradation</i> , 2015, 97, 107-114.	3.9	119
11	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and docking study. <i>Bioorganic Chemistry</i> , 2019, 83, 161-169.	4.1	119
12	Green synthesis of gold nanoparticles by the marine microalga <i>Tetraselmis suecica</i> . <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 71-75.	3.1	106
13	The Immunostimulatory Effect of Biogenic Selenium Nanoparticles on the 4T1 Breast Cancer Model: an In Vivo Study. <i>Biological Trace Element Research</i> , 2012, 149, 22-28.	3.5	98
14	Decolorization of two synthetic dyes using the purified laccase of <i>Paraconiothyrium variabile</i> immobilized on porous silica beads. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 6.	3.0	95
15	Biosynthesis and recovery of rod-shaped tellurium nanoparticles and their bactericidal activities. <i>Materials Research Bulletin</i> , 2012, 47, 3719-3725.	5.2	93
16	Removal of phenol and bisphenol-A catalyzed by laccase in aqueous solution. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 93.	3.0	93
17	Synthesis and antibacterial activity of new fluoroquinolones containing a substituted N-(phenethyl)piperazine moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3499-3503.	2.2	83
18	Enzymatic Treatment and Detoxification of Acid Orange 7 from Textile Wastewater. <i>Applied Biochemistry and Biotechnology</i> , 2011, 165, 1274-1284.	2.9	83

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19	Synthetic dye decolorization by three sources of fungal laccase. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2012, 9, 27.	1.8	83
20	Isolation, one-step affinity purification, and characterization of a polyextremotolerant laccase from the halophilic bacterium <i>Aquasalibacillus elongatus</i> and its application in the delignification of sugar beet pulp. <i>Bioresource Technology</i> , 2017, 230, 67-75.	9.6	82
21	Immobilization of Laccase in Alginate-Gelatin Mixed Gel and Decolorization of Synthetic Dyes. <i>Bioinorganic Chemistry and Applications</i> , 2012, 2012, 1-6.	4.1	79
22	Production, physiochemical and antimicrobial properties of fungal chitosan from <i>Rhizomucor miehei</i> and <i>Mucor racemosus</i> . <i>International Journal of Biological Macromolecules</i> , 2010, 47, 180-183.	7.5	76
23	One-pot, four-component synthesis of novel cytotoxic agents 1-(5-aryl-1,3,4-oxadiazol-2-yl)-1-(1H-pyrrol-2-yl)methanamines. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 151-156.	5.5	76
24	Insights into laccase producing organisms, fermentation states, purification strategies, and biotechnological applications. <i>Biotechnology Progress</i> , 2015, 31, 1443-1463.	2.6	76
25	Polyethyleneimine-modified superparamagnetic Fe ₃ O ₄ nanoparticles for lipase immobilization: Characterization and application. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 77-86.	4.0	75
26	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, α -glucosidase inhibition, molecular modeling and kinetic study. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 353-363.	5.5	75
27	Enhancing analgesic and anti-inflammatory effects of capsaicin when loaded into olive oil nanoemulsion: An in vivo study. <i>International Journal of Pharmaceutics</i> , 2019, 559, 341-347.	5.2	73
28	Biodegradation of bisphenol A by the immobilized laccase on some synthesized and modified forms of zeolite Y. <i>Journal of Hazardous Materials</i> , 2020, 386, 121950.	12.4	73
29	Decolorization of some synthetic dyes using optimized culture broth of laccase producing ascomycete <i>Paraconiothyrium variabile</i> . <i>Biochemical Engineering Journal</i> , 2012, 60, 9-15.	3.6	70
30	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro α -glucosidase inhibition, kinetic, and docking studies. <i>Bioorganic Chemistry</i> , 2019, 92, 103206.	4.1	70
31	Synthesis, antibacterial activity, and quantitative structure-activity relationships of new (Z)-2-(nitroimidazolymethylene)-3()-benzofuranone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6354-6363.	2.2	68
32	Lipase immobilization onto polyethylenimine coated magnetic nanoparticles assisted by divalent metal chelated ions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 120, 75-83.	1.8	68
33	Design, synthesis and in vitro α -glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. <i>Bioorganic Chemistry</i> , 2018, 77, 280-286.	4.1	68
34	Comparative study of in vitro prooxidative properties and genotoxicity induced by aflatoxin B1 and its laccase-mediated detoxification products. <i>Chemosphere</i> , 2015, 135, 1-6.	8.2	66
35	Immobilization of laccase on modified Fe ₃ O ₄ @SiO ₂ @Kit-6 magnetite nanoparticles for enhanced delignification of olive pomace bio-waste. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 106-113.	7.5	65
36	Catalytic phenol removal using entrapped cross-linked laccase aggregates. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 359-366.	7.5	64

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37	Synthesis of functionalized polyethylenimine-grafted mesoporous silica spheres and the effect of side arms on lipase immobilization and application. <i>Biochemical Engineering Journal</i> , 2014, 88, 131-141.	3.6	62
38	Biochemical characterization of an extracellular polyextremophilic α -amylase from the halophilic archaeon <i>Halorubrum xinjiangense</i> . <i>Extremophiles</i> , 2013, 17, 677-687.	2.3	60
39	Mannich bases of 7-piperazinylquinolones and kojic acid derivatives: Synthesis, <i>in vitro</i> antibacterial activity and <i>in silico</i> study. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 185-191.	5.5	58
40	Polyoxometalate-metal organic framework-lipase: An efficient green catalyst for synthesis of benzyl cinnamate by enzymatic esterification of cinnamic acid. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 8-19.	7.5	58
41	Biodegradation of 2,4-dinitrophenol with laccase immobilized on nano-porous silica beads. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2013, 10, 25.	1.8	57
42	Recent developments in the fungal transformation of steroids. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 1-28.	2.0	55
43	Purification and characterization of two extracellular endochitinases from <i>Massilia timonae</i> . <i>Carbohydrate Research</i> , 2010, 345, 402-407.	2.3	54
44	Isolation and structural characterization of Coryxin, a novel cyclic lipopeptide from <i>Corynebacterium xerosis</i> NS5 having emulsifying and anti-biofilm activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 425-432.	5.0	53
45	The impact of morphology and size of zinc oxide nanoparticles on its toxicity to the freshwater microalga, <i>Raphidocelis subcapitata</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 2409-2420.	5.3	53
46	Design, synthesis and <i>in vitro</i> α -glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. <i>New Journal of Chemistry</i> , 2018, 42, 17268-17278.	2.8	51
47	Discovery of a novel nitroimidazolyl oxazolidinone hybrid with potent anti Gram-positive activity: Synthesis and antibacterial evaluation. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 65-70.	5.5	50
48	Design, synthesis, docking study, α -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. <i>Bioorganic Chemistry</i> , 2018, 80, 288-295.	4.1	50
49	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103482.	4.1	50
50	Medium-based optimization of an organic solvent-tolerant extracellular lipase from the isolated halophilic <i>Alkalibacillus salilacus</i> . <i>Extremophiles</i> , 2015, 19, 933-947.	2.3	47
51	Production of fucoxanthin by the microalga <i>Tisochrysis lutea</i> : A review of recent developments. <i>Aquaculture</i> , 2020, 516, 734637.	3.5	47
52	Removal of chlorophenolic derivatives by soil isolated ascomycete of <i>Paraconiothyrium variabile</i> and studying the role of its extracellular laccase. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 199-203.	12.4	46
53	Evaluation of multilayer coated magnetic nanoparticles as biocompatible curcumin delivery platforms for breast cancer treatment. <i>RSC Advances</i> , 2015, 5, 88096-88107.	3.6	45
54	Development and optimization of N-Acetylcysteine-loaded poly (lactic-co-glycolic acid) nanoparticles by electrospray. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 764-770.	7.5	45

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55	Novel Fe ₃ O ₄ /hydroxyapatite/β-cyclodextrin nanocomposite adsorbent: Synthesis and application in heavy metal removal from aqueous solution. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4634.	3.5	45
56	Effects of processing parameters on particle size of ultrasound prepared chitosan nanoparticles: An Artificial Neural Networks Study. <i>Pharmaceutical Development and Technology</i> , 2012, 17, 638-647.	2.4	43
57	Degradation of some benzodiazepines by a laccase-mediated system in aqueous solution. <i>Bioresource Technology</i> , 2012, 125, 344-347.	9.6	43
58	Laccase Immobilization onto Magnetic β-Cyclodextrin-Modified Chitosan: Improved Enzyme Stability and Efficient Performance for Phenolic Compounds Elimination. <i>Macromolecular Research</i> , 2018, 26, 755-762.	2.4	42
59	Immobilization of lipase on Fe ₃ O ₄ /ZnO core/shell magnetic nanoparticles and catalysis of Michael-type addition to chalcone derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 100, 121-128.	1.8	41
60	Application of novel magnetic β-cyclodextrin-anhydride polymer nano-adsorbent in cationic dye removal from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 452-463.	5.3	41
61	Lipase@zeolitic imidazolate framework ZIF-90: A highly stable and recyclable biocatalyst for the synthesis of fruity banana flavour. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1301-1311.	7.5	41
62	Enhancing activity and thermostability of lipase A from <i>Serratia marcescens</i> by site-directed mutagenesis. <i>Enzyme and Microbial Technology</i> , 2016, 93-94, 18-28.	3.2	40
63	Synthesis and Antibacterial Activity of New N-[2-(Thiophen-3-yl)ethyl] Piperazinyl Quinolones. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 894-898.	1.3	37
64	Synthesis of Quinazolinones from Alcohols via Laccase-Mediated Tandem Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1789-1794.	4.3	35
65	Studies on the laccase-mediated decolorization, kinetic, and microtoxicity of some synthetic azo dyes. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 7.	3.0	34
66	Study of laccase activity and stability in the presence of ionic and non-ionic surfactants and the bioconversion of indole in laccase-TX-100 system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 126, 69-75.	1.8	34
67	Th1 Immune Response Induction by Biogenic Selenium Nanoparticles in Mice with Breast Cancer: Preliminary Vaccine Model. <i>Iranian Journal of Biotechnology</i> , 2015, 13, 1-9.	0.3	34
68	Design and synthesis of novel pyrazole-phenyl semicarbazone derivatives as potential β-glucosidase inhibitor: Kinetics and molecular dynamics simulation study. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1082-1095.	7.5	33
69	Synthesis, in vitro evaluation, and molecular docking studies of novel hydrazineylideneindolinone linked to phenoxyethyl-1,2,3-triazole derivatives as potential β-glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 111, 104869.	4.1	33
70	A Comprehensive Review of Clinical Trials on EGFR Inhibitors Such as Cetuximab and Panitumumab as Monotherapy and in Combination for Treatment of Metastatic Colorectal Cancer. <i>Avicenna Journal of Medical Biotechnology</i> , 2015, 7, 134-44.	0.3	33
71	Biotransformation of hydrocortisone by a natural isolate of <i>Nostoc muscorum</i> . <i>Phytochemistry</i> , 2004, 65, 2205-2209.	2.9	32
72	Synthesis, in vitro antifungal activity and in silico study of 3-(1,2,4-triazol-1-yl)flavanones. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 480-488.	5.5	32

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73	Synthesis of polyethyleneimine (PEI) and β -cyclodextrin grafted PEI nanocomposites with magnetic cores for lipase immobilization and esterification. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 375-384.	3.2	32
74	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and in silico studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 713-718.	2.2	32
75	MICROALGAL BIOTRANSFORMATION OF STEROIDS ¹ . <i>Journal of Phycology</i> , 2008, 44, 27-37.	2.3	31
76	Novel triazole alcohol antifungals derived from fluconazole: design, synthesis, and biological activity. <i>Molecular Diversity</i> , 2015, 19, 15-27.	3.9	31
77	Bio-removal of phenol by the immobilized laccase on the fabricated parent and hierarchical NaY and ZSM-5 zeolites. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 120, 300-312.	5.3	31
78	A Magnetic Heterogeneous Biocatalyst Composed of Immobilized Laccase and 2,2,6,6-tetramethylpiperidine-1-oxyl (TEMPO) for Green One-Pot Cascade Synthesis of α -Substituted Benzimidazole and Benzoxazole Derivatives under Mild Reaction Conditions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3563-3571.	4.3	30
79	<i>Mucor hiemalis</i> : a new source for uricase production. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 325-330.	3.6	29
80	Metabolism of androst-4-en-3,17-dione by the filamentous fungus <i>Neurospora crassa</i> . <i>Steroids</i> , 2008, 73, 13-18.	1.8	29
81	An Insight into the Interactions between α -Tocopherol and Chitosan in Ultrasound-Prepared Nanoparticles. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-7.	2.7	29
82	Coumarin compounds of <i>Biebersteinia multifida</i> roots show potential anxiolytic effects in mice. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 51.	2.0	29
83	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115148.	3.0	29
84	New Biscoumarin Derivatives as Potent α -Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 915-926.	2.6	29
85	Synthesis and Antibacterial Activity of New 7-Piperazinyl-quinolones Containing a Functionalized 2-(Furan-3-yl)ethyl Moiety. <i>Archiv Der Pharmazie</i> , 2007, 340, 47-52.	4.1	28
86	Cytotoxic evaluation of <i>Melia azedarach</i> in comparison with, <i>Azadirachta indica</i> and its phytochemical investigation. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 37.	2.0	28
87	Acknowledgement of manuscript reviewers 2014. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 1.	2.0	28
88	Preparation, Optimization and Activity Evaluation of PLGA/Streptokinase Nanoparticles Using Electrospray. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 131-139.	1.4	28
89	Design and synthesis of novel quinazolinone-pyrazole derivatives as potential α -glucosidase inhibitors: Structure-activity relationship, molecular modeling and kinetic study. <i>Bioorganic Chemistry</i> , 2021, 114, 105127.	4.1	28
90	Microbial hydroxylation of progesterone with <i>Acremonium strictum</i> . <i>FEMS Microbiology Letters</i> , 2003, 222, 183-186.	1.8	27

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91	Studies on the microbial transformation of androst-1,4-dien-3,17-dione with <i>Acremonium strictum</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 725-733.	3.0	27
92	Photocatalytic decolorization of bromothymol blue using biogenic selenium nanoparticles synthesized by terrestrial actinomycete <i>Streptomyces griseobrunneus</i> strain FSHH12. <i>Desalination and Water Treatment</i> , 2016, 57, 21552-21563.	1.0	27
93	Optimization of the enzymatic elimination of flumequine by laccase-mediated system using response surface methodology. <i>Desalination and Water Treatment</i> , 2016, 57, 14478-14487.	1.0	27
94	Optimization of immobilization conditions of <i>Bacillus atrophaeus</i> FSHM2 lipase on maleic copolymer coated amine-modified graphene oxide nanosheets and its application for valeric acid esterification. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1790-1806.	7.5	27
95	An efficient and targeted synthetic approach towards new highly substituted 6-amino-pyrazolo[1,5-a]pyrimidines with α -glucosidase inhibitory activity. <i>Scientific Reports</i> , 2020, 10, 2595.	3.3	27
96	Microbial transformation of hydrocortisone by <i>Acremonium strictum</i> PTCC 5282. <i>Steroids</i> , 2002, 67, 869-872.	1.8	26
97	Dose-Response Relationship Study of Selenium Nanoparticles as an Immunostimulatory Agent in Cancer-bearing Mice. <i>Archives of Medical Research</i> , 2015, 46, 31-37.	3.3	26
98	Enhanced production, one-step affinity purification, and characterization of laccase from solid-state culture of <i>Lentinus tigrinus</i> and delignification of pistachio shell by free and immobilized enzyme. <i>Journal of Environmental Management</i> , 2019, 244, 235-246.	7.8	26
99	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro α -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , 2020, 24, 69-80.	3.9	26
100	Beta-carotene/cyclodextrin-based inclusion complex: improved loading, solubility, stability, and cytotoxicity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 55-64.	1.6	26
101	Antifungal activity of biogenic tellurium nanoparticles against <i>Candida albicans</i> and its effects on squalene monooxygenase gene expression. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 395-400.	3.1	25
102	Biosynthesis of tellurium nanoparticles by <i>Lactobacillus plantarum</i> and the effect of nanoparticle-enriched probiotics on the lipid profiles of mice. <i>IET Nanobiotechnology</i> , 2015, 9, 300-305.	3.8	25
103	A new series of Schiff base derivatives bearing 1,2,3-triazole: Design, synthesis, molecular docking, and α -glucosidase inhibition. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900034.	4.1	25
104	A Laccase Heterogeneous Magnetic Fibrous Silica-Based Biocatalyst for Green and One-Pot Cascade Synthesis of Chromene Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1741-1747.	2.4	25
105	Synthesis of 4-alkylaminoimidazo[1,2-a]pyridines linked to carbamate moiety as potent α -glucosidase inhibitors. <i>Molecular Diversity</i> , 2021, 25, 2399-2409.	3.9	25
106	Design, synthesis, molecular docking, and in vitro α -glucosidase inhibitory activities of novel 3-amino-2,4-diarylbenzo[4,5]imidazo[1,2-a]pyrimidines against yeast and rat α -glucosidase. <i>Scientific Reports</i> , 2021, 11, 11911.	3.3	25
107	Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 100, 103879.	4.1	24
108	Synthesis, in-vitro evaluation, molecular docking, and kinetic studies of pyridazine-triazole hybrid system as novel α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 109, 104670.	4.1	24

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109	Optimization of Chitinase Production by <i>Bacillus pumilus</i> Using Plackett-Burman Design and Response Surface Methodology. Iranian Journal of Pharmaceutical Research, 2011, 10, 759-68.	0.5	24
110	Toxicity of nanomaterials; an undermined issue. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 59.	2.0	23
111	Safety concerns to application of graphene compounds in pharmacy and medicine. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 23.	2.0	23
112	Co-immobilization of Laccase and TEMPO in the Compartments of Mesoporous Silica for a Green and One-Pot Cascade Synthesis of Coumarins by Knoevenagel Condensation. ChemCatChem, 2018, 10, 1542-1546.	3.7	23
113	Enzymatic esterification of acylglycerols rich in omega-3 from flaxseed oil by an immobilized solvent-tolerant lipase from <i>Actinomadura sediminis</i> UTM C 2870 isolated from oil-contaminated soil. Food Chemistry, 2018, 245, 934-942.	8.2	23
114	Antimicrobial Effect of the Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (Higher) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 77-84.	1.5	23
115	Microbial conversion of androst-4-en-3,17-dione by <i>Mucor racemosus</i> to hydroxysteroid-1,4-dien-3-one derivatives. Journal of Chemical Technology and Biotechnology, 2009, 84, 1021-1025.	3.2	22
116	Mitogen-activated protein kinase (MEK) inhibitors to treat melanoma alone or in combination with other kinase inhibitors. Expert Opinion on Drug Metabolism and Toxicology, 2018, 14, 317-330.	3.3	22
117	Enhancing production of fucoxanthin by the optimization of culture media of the microalga <i>Tisochrysis lutea</i> . Aquaculture, 2021, 533, 736074.	3.5	22
118	Polyherbal combination for wound healing: <i>Matricaria chamomilla</i> L. and <i>Punica granatum</i> L.. DARU, Journal of Pharmaceutical Sciences, 2021, 29, 133-145.	2.0	22
119	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro α -glucosidase inhibition, kinetic and docking studies. Molecular Diversity, 2021, 25, 877-888.	3.9	21
120	Fast anisotropic growth of the biomineralized zinc phosphate nanocrystals for a facile and instant construction of laccase@Zn ₃ (PO ₄) ₂ hybrid nanoflowers. International Journal of Biological Macromolecules, 2022, 204, 520-531.	7.5	21
121	Preparation and characterization of self-assembled chitosan nanoparticles for the sustained delivery of streptokinase: an <i>in vivo</i> study. Pharmaceutical Development and Technology, 2014, 19, 593-597.	2.4	20
122	Ranibizumab and aflibercept for the treatment of wet age-related macular degeneration. Expert Opinion on Biological Therapy, 2015, 15, 1349-1358.	3.1	20
123	Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. Applied Biochemistry and Biotechnology, 2017, 182, 1371-1389.	2.9	20
124	Nanoemulsion of atovaquone as a promising approach for treatment of acute and chronic toxoplasmosis. European Journal of Pharmaceutical Sciences, 2018, 117, 138-146.	4.0	20
125	Cyanoacetohydrazide linked to 1,2,3-triazole derivatives: a new class of α -glucosidase inhibitors. Scientific Reports, 2022, 12, .	3.3	20
126	Influence of whole microalgal cell immobilization and organic solvent on the bioconversion of androst-4-en-3,17-dione to testosterone by <i>Nostoc muscorum</i> . Journal of Molecular Catalysis B: Enzymatic, 2010, 62, 213-217.	1.8	19

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127	Polyacrolein/mesoporous silica nanocomposite: Synthesis, thermal stability and covalent lipase immobilization. <i>Materials Chemistry and Physics</i> , 2013, 143, 76-84.	4.0	19
128	Biocatalytic conversion and detoxification of imipramine by the laccase-mediated system. <i>International Biodeterioration and Biodegradation</i> , 2016, 108, 1-8.	3.9	19
129	Thermoalkalophilic lipase from an extremely halophilic bacterial strain <i>Bacillus atrophaeus</i> FSHM2: Purification, biochemical characterization and application. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 151-160.	2.0	19
130	Delignification and detoxification of peanut shell bio-waste using an extremely halophilic laccase from an <i>Aquasalibacillus elongatus</i> isolate. <i>Extremophiles</i> , 2017, 21, 993-1004.	2.3	19
131	Synthesis and Biological Investigation of some Novel Sulfonamide and Amide Derivatives Containing Coumarin Moieties. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 881-92.	0.5	19
132	5-Nitro-heteroarylidene analogs of 2-thiazolylimino-4-thiazolidinones as a novel series of antibacterial agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 2293-2302.	2.4	18
133	Catalytic hydrothermal treatment of pharmaceutical wastewater using sub- and supercritical water reactions. <i>Journal of Supercritical Fluids</i> , 2014, 95, 265-272.	3.2	18
134	Laccase-catalyzed treatment of ketoconazole, identification of biotransformed metabolites, determination of kinetic parameters, and evaluation of micro-toxicity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 77-84.	1.8	18
135	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent α -glucosidase inhibitors. <i>Chemical Papers</i> , 2020, 74, 4379-4388.	2.2	18
136	α -Glucosidase and α -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. <i>Medicinal Chemistry Research</i> , 2021, 30, 702-711.	2.4	18
137	Biomedical and Pharmaceutical-Related Applications of Laccases. <i>Current Protein and Peptide Science</i> , 2020, 21, 78-98.	1.4	18
138	Bioconversion of Hydrocortisone by <i>Cyanobacterium Fischerella ambigua</i> PTCC 1635. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 811-814.	3.6	17
139	Efficient decolorization and detoxification of reactive orange 7 using laccase isolated from <i>Paraconiothyrium variable</i> , kinetics and energetics. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 56, 113-121.	5.3	17
140	Combination of thermal and biological treatments for bio-removal and detoxification of some recalcitrant synthetic dyes by betaine-induced thermostabilized laccase. <i>Environmental Technology and Innovation</i> , 2020, 20, 101046.	6.1	17
141	One-pot multi-component synthesis of novel chromeno[4,3-b]pyrrol-3-yl derivatives as α -glucosidase inhibitors. <i>Molecular Diversity</i> , 2022, 26, 2393-2405.	3.9	17
142	Synthesis and characterization of 1-amidino-O-alkylureas metal complexes as α -glucosidase Inhibitors: Structure-activity relationship, molecular docking, and kinetic studies. <i>Journal of Molecular Structure</i> , 2022, 1250, 131726.	3.6	17
143	Effect of preparation parameters on ultra low molecular weight chitosan/hyaluronic acid nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 642-646.	7.5	16
144	Immobilisation of lipase on the surface of magnetic nanoparticles and non-porous glass beads for regioselective acetylation of prednisolone. <i>IET Nanobiotechnology</i> , 2013, 7, 100-108.	3.8	16

#	ARTICLE	IF	CITATIONS
145	mZD7349 peptide-conjugated PLGA nanoparticles directed against VCAM-1 for targeted delivery of simvastatin to restore dysfunctional HUVECs. <i>Microvascular Research</i> , 2017, 112, 14-19.	2.5	16
146	Improved production and characterization of a highly stable laccase from the halophilic bacterium <i>Chromohalobacter salexigens</i> for the efficient delignification of almond shell bio-waste. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 489-498.	7.5	16
147	High efficiency of osmotically stable laccase for biotransformation and micro-detoxification of levofloxacin in the urea-containing solution: Catalytic performance and mechanism. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 112022.	5.0	16
148	Osmolyte-Induced Folding and Stability of Proteins: Concepts and Characterization. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 13-30.	0.5	16
149	<i>Nostoc muscorum</i> : a regioselective biocatalyst for 17-carbonyl reduction of androst-4-en-3,17-dione and androst-1,4-dien-3,17-dione. <i>Annals of Microbiology</i> , 2006, 56, 253-256.	2.6	15
150	Side-chain cleavage and C-20 ketone reduction of hydrocortisone by a natural isolate of <i>Chroococcus dispersus</i> . <i>Annals of Microbiology</i> , 2007, 57, 577-581.	2.6	15
151	Design and synthesis of novel pyridazine N-aryl acetamides: In-vitro evaluation of α -glucosidase inhibition, docking, and kinetic studies. <i>Bioorganic Chemistry</i> , 2020, 102, 104071.	4.1	15
152	Design, synthesis, biological evaluation, and molecular modeling studies of pyrazole-benzofuran hybrids as new α -glucosidase inhibitor. <i>Scientific Reports</i> , 2021, 11, 20776.	3.3	15
153	Microbial production of testosterone and testololactone in the culture of <i>Aspergillus terreus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 657-660.	3.6	14
154	Synthesis and antibacterial activity of novel levofloxacin derivatives containing a substituted thienylethyl moiety. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 16.	2.0	14
155	Laccase-catalyzed decolorization and detoxification of Acid Blue 92: statistical optimization, microtoxicity, kinetics, and energetics. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 31.	3.0	14
156	Evaluation of Factors Affecting Size and Size Distribution of Chitosan-Electrosprayed Nanoparticles. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 126-132.	0.3	14
157	Design, synthesis, and in silico studies of benzimidazole bearing phenoxyacetamide derivatives as α -glucosidase and α -amylase inhibitors. <i>Journal of Molecular Structure</i> , 2022, 1268, 133650.	3.6	14
158	7-Piperazinylquinolones with methylene-bridged nitrofuranyl scaffold as new antibacterial agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 5940-5947.	2.4	13
159	The removal of 2-chlorophenol in aqueous cultures with free and alginate-immobilized cells of the microalga <i>Tetraselmis suecica</i> . <i>Journal of Applied Phycology</i> , 2013, 25, 51-57.	2.8	13
160	Enzymatic dimerization of phenylacetylene by laccase immobilized on magnetic nanoparticles via click chemistry. <i>Biocatalysis and Biotransformation</i> , 2019, 37, 455-465.	2.0	13
161	Immobilization of Thermoalkalophilic Lipase from <i>Bacillus atrophaeus</i> FSHM2 on Amine-Modified Graphene Oxide Nanostructures: Statistical Optimization and Its Application for Pentyl Valerate Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 579-604.	2.9	13
162	Molecular level insight into stability, activity, and structure of Laccase in aqueous ionic liquid and organic solvents: An experimental and computational research. <i>Journal of Molecular Liquids</i> , 2020, 317, 113925.	4.9	13

#	ARTICLE	IF	CITATIONS
163	Biotransformation of methyltestosterone by the filamentous fungus <i>Mucor racemosus</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 59-63.	0.8	12
164	Bevacizumab for choroidal neovascularization secondary to age-related macular degeneration and pathological myopia. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1837-1848.	3.1	12
165	Photocatalytic degradation of ketoconazole by Z-scheme Ag ₃ PO ₄ /graphene oxide: response surface modeling and optimization. <i>Environmental Science and Pollution Research</i> , 2020, 27, 250-263.	5.3	12
166	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, α -glucosidase inhibition assay, and docking study. <i>Medicinal Chemistry Research</i> , 2020, 29, 868-876.	2.4	12
167	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new α -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. <i>Bioorganic Chemistry</i> , 2021, 109, 104703.	4.1	12
168	Design and synthesis of phenoxymethylbenzimidazole incorporating different aryl thiazole-triazole acetamide derivatives as α -glucosidase inhibitors. <i>Molecular Diversity</i> , 2021, , 1.	3.9	12
169	Instantaneous synthesis and full characterization of organic-inorganic laccase-cobalt phosphate hybrid nanoflowers. <i>Scientific Reports</i> , 2022, 12, .	3.3	12
170	Microbiological hydroxylation of androst-1,4-dien-3,17-dione by <i>Neurospora crassa</i> . <i>Biocatalysis and Biotransformation</i> , 2007, 25, 72-78.	2.0	11
171	Preparation, optimization, and characterization of simvastatin nanoparticles by electrospraying: An artificial neural networks study. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	11
172	Overproduction of thermoalkalophilic lipase secreted by <i>Bacillus atrophaeus</i> FSHM2 using UV-induced mutagenesis and statistical optimization of medium components. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 184-191.	1.9	11
173	Microalgal transformation of progesterone by the terrestrial-isolated cyanobacterium <i>Microchaete tenera</i> . <i>Journal of Applied Phycology</i> , 2012, 24, 777-781.	2.8	10
174	A Comparative Study of Anti-Candida Activity and Phenolic Contents of the Calluses from <i>Lythrum salicaria</i> L. in Different Treatments. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 176-184.	2.9	10
175	Baeyer-Villiger oxidation of progesterone by <i>Aspergillus sojae</i> PTCC 5196. <i>Steroids</i> , 2018, 140, 52-57.	1.8	10
176	Antioxidative responses of <i>Nostoc ellipsosporum</i> and <i>Nostoc piscinale</i> to salt stress. <i>Journal of Applied Phycology</i> , 2019, 31, 157-169.	2.8	10
177	New ciprofloxacin-dithiocarbamate-benzyl hybrids: design, synthesis, antibacterial evaluation, and molecular modeling studies. <i>Research on Chemical Intermediates</i> , 2019, 45, 223-236.	2.7	10
178	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent α -glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. <i>Medicinal Chemistry Research</i> , 2020, 29, 1836-1845.	2.4	10
179	Coumarin-based Scaffold as α -glucosidase Inhibitory Activity: Implication for the Development of Potent Antidiabetic Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 134-151.	2.4	10
180	Magnetic casein aggregates as an innovative support platform for laccase immobilization and bioremoval of crystal violet. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 150-160.	7.5	10

#	ARTICLE	IF	CITATIONS
181	Bioconversion of codeine to semi-synthetic opiate derivatives by the cyanobacterium <i>Nostoc muscorum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 119-123.	3.6	9
182	Processing/formulation parameters determining dispersity of chitosan particles: an ANNs study. <i>Journal of Microencapsulation</i> , 2014, 31, 77-85.	2.8	9
183	Potential of mZD7349-conjugated PLGA nanoparticles for selective targeting of vascular cell-adhesion molecule-1 in inflamed endothelium. <i>Microvascular Research</i> , 2016, 106, 110-116.	2.5	9
184	Acknowledgement of manuscript reviewers 2015. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2016, 24, 1.	2.0	9
185	<i>N</i> -acetylcysteine-loaded PLGA nanoparticles outperform conventional <i>N</i> -acetylcysteine in acute lung injuries <i>in vivo</i> . <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 443-454.	3.4	9
186	Synthesis and biological evaluation of 2-(2-methyl-1H-pyrrol-3-yl)-2-oxo-N-(pyridine-3-yl) acetamide derivatives: <i>in vitro</i> α -glucosidase inhibition, and kinetic and molecular docking study. <i>Chemical Papers</i> , 2020, 74, 1583-1596.	2.2	9
187	Degradation of Sesame Oil Phenolics Using Magnetic Immobilized Laccase. <i>Catalysis Letters</i> , 2020, 150, 3086-3095.	2.6	9
188	Production of fucoxanthin from the microalga <i>Tisochrysis lutea</i> in the bubble column photobioreactor applying mass transfer coefficient. <i>Journal of Biotechnology</i> , 2022, 348, 47-54.	3.8	9
189	Sex hormones affect the production of recombinant Factor IX in CHO and HEK-293 cell lines. <i>Biotechnology Letters</i> , 2008, 30, 1909-1912.	2.2	8
190	Modeling the Parameters Involved in Preparation of PLA Nanoparticles Carrying Hydrophobic Drug Molecules Using Artificial Neural Networks. <i>Journal of Pharmaceutical Innovation</i> , 2013, 8, 111-120.	2.4	8
191	Preparation and Optimization of N-Acetylcysteine Nanosuspension through Nanoprecipitation: An Artificial Neural Networks Study. <i>Journal of Pharmaceutical Innovation</i> , 2014, 9, 115-120.	2.4	8
192	Biology-Oriented Drug Synthesis (<i>BIODS</i>) Approach towards Synthesis of Ciprofloxacin-Dithiocarbamate Hybrids and Their Antibacterial Potential both <i>in Vitro</i> and <i>in Silico</i> . <i>Chemistry and Biodiversity</i> , 2018, 15, e1800273.	2.1	8
193	Benzoylquinazolinone derivatives as new potential antidiabetic agents: α -Glucosidase inhibition, kinetic, and docking studies. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 856-863.	1.4	8
194	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent α -glucosidase inhibitors: synthesis, <i>in vitro</i> and <i>in silico</i> enzymatic and toxicity evaluations. <i>Monatshefte für Chemie</i> , 2021, 152, 679-693.	1.8	8
195	Microalgal Transformation of Androst-4-en-3,17-dione by <i>Nostoc ellipsosporum</i> . <i>Research Journal of Microbiology</i> , 2006, 1, 289-293.	0.2	8
196	Halotolerant Ability and α -Amylase Activity of Some Saltwater Fungal Isolates. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 113-9.	0.5	8
197	Sulfated polysaccharides purified from two species of <i>Padina</i> improve collagen and epidermis formation in the rat. <i>International Journal of Molecular and Cellular Medicine</i> , 2013, 2, 156-63.	1.1	8
198	Synthesis and Antifungal Activity of 1-((2-Benzyloxy)Phenyl)-2-(Azol-1-yl)Ethanone Derivatives: Exploring the Scaffold Flexibility. <i>Chemical Biology and Drug Design</i> , 2011, 78, 979-987.	3.2	7

#	ARTICLE	IF	CITATIONS
199	Fungal transformation of methyltestosterone by the soil ascomycete <i>Acremonium strictum</i> to some hydroxy derivatives of 17-methylsteroid. <i>Chemistry of Natural Compounds</i> , 2013, 49, 665-670.	0.8	7
200	Chitosan Nanoparticles for siRNA Delivery: Optimization of Processing/Formulation Parameters. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 420-427.	3.6	7
201	Production, characterisation, and <i>in vitro</i> nebulisation performance of budesonide-loaded PLA nanoparticles. <i>Journal of Microencapsulation</i> , 2014, 31, 422-429.	2.8	7
202	Enzymatic hydrolysis of inulin by an immobilized extremophilic inulinase from the halophile bacterium <i>Alkalibacillus filiformis</i> . <i>Carbohydrate Research</i> , 2019, 483, 107746.	2.3	7
203	Production of a cyanobacterium-based biodiesel by the heterogeneous biocatalyst of SBA-15@oleate@lipase. <i>Fuel</i> , 2020, 279, 118580.	6.4	7
204	In silico and in vitro studies of thiosemicarbazone-indole hybrid compounds as potent α -glucosidase inhibitors. <i>Computational Biology and Chemistry</i> , 2022, 97, 107642.	2.3	7
205	Microbial Transformation of Nandrolone Decanoate by <i>Acremonium Strictum</i> . <i>Archiv Der Pharmazie</i> , 2006, 339, 473-476.	4.1	6
206	Comparative safety and efficacy of tyrosine kinase inhibitors (TKIs) in the treatment setting of different types of leukemia, and different types of adenocarcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1556-1564.	5.6	6
207	New 7-piperazinylquinolones containing (benzo[d]imidazol-2-yl)methyl moiety as potent antibacterial agents. <i>Molecular Diversity</i> , 2018, 22, 815-825.	3.9	6
208	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent α -glucosidase inhibitors. <i>Medicinal Chemistry Research</i> , 2021, 30, 1273-1283.	2.4	6
209	Study on the Interaction of 1,5-diaryl Pyrrole Derivatives with α -glucosidase; Synthesis, Molecular Docking, and Kinetic Study. <i>Medicinal Chemistry</i> , 2021, 17, 545-553.	1.5	6
210	Insights into the Molecular-Level details of betaine interactions with Laccase under various thermal conditions. <i>Journal of Molecular Liquids</i> , 2021, 339, 116832.	4.9	6
211	Prednisolone Bio-Transformation in the Culture of Filamentous Fungus <i>Acremonium strictum</i> . <i>Biotechnology</i> , 2008, 7, 343-346.	0.1	6
212	Determination of Harmine and Harmaline in <i>Peganum harmala</i> Seeds by High-Performance Liquid Chromatography. <i>Journal of Applied Sciences</i> , 2008, 8, 1761-1765.	0.3	6
213	Laccase-loaded magnetic dialdehyde inulin nanoparticles as an efficient heterogeneous natural polymer-based biocatalyst for removal and detoxification of ofloxacin. <i>Biodegradation</i> , 2022, 33, 489-508.	3.0	6
214	Nandrolone Decanoate Transformation by <i>Neurospora crassa</i> . <i>Pharmaceutical Biology</i> , 2005, 43, 630-635.	2.9	5
215	Application of organic mono-phase and organic-aqueous two-liquid-phase systems in microalgal conversion of androst-4-en-3,17-dione by <i>Nostoc muscorum</i> . <i>Biocatalysis and Biotransformation</i> , 2009, 27, 219-225.	2.0	5
216	Immobilization of lipase on the modified magnetic diatomite earth for effective methyl esterification of isoamyl alcohol to synthesize banana flavor. <i>3 Biotech</i> , 2020, 10, 447.	2.2	5

#	ARTICLE	IF	CITATIONS
217	Nitrate and Phosphate Removal Efficiency of <i>Synechococcus elongatus</i> Under Mixotrophic and Heterotrophic Conditions for Wastewater Treatment. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1831-1843.	1.9	5
218	Synthesis of the new tri-amide derivatives as novel α -glucosidase inhibitors by Ugi four-component reaction. Journal of Molecular Structure, 2021, 1227, 129531.	3.6	5
219	Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent α -glucosidase inhibitors. Journal of the Iranian Chemical Society, 2021, 18, 2017-2034.	2.2	5
220	Development of an enzyme-enhancer system to improve laccase biological activities. International Journal of Biological Macromolecules, 2021, 173, 99-108.	7.5	5
221	Laccase-catalyzed synthesis of 4-hydroxycoumarin derivatives. Pure and Applied Chemical Sciences, 0, 1, 75-82.	0.0	5
222	L-Asparaginase Activity in Cell Lysates and Culture Media of Halophilic Bacterial Isolates. Iranian Journal of Pharmaceutical Research, 2016, 15, 435-440.	0.5	5
223	Hybridization of laccase with dendrimer-grafted silica-coated hercynite-copper phosphate magnetic hybrid nanoflowers and its application in bioremoval of gemifloxacin. Environmental Science and Pollution Research, 2022, 29, 89255-89272.	5.3	5
224	Comparative study of the kinetics and equilibrium of nickel(Ni^{II}) biosorption from aqueous solutions by free and immobilized biomass of <i>Aspergillus awamori</i> . Environmental Progress and Sustainable Energy, 2015, 34, 1356-1364.	2.3	4
225	PerioVax3, a key antigenic determinant with immunoprotective potential against periodontal pathogen. Microbial Pathogenesis, 2019, 135, 103661.	2.9	4
226	Novel trastuzumab-DM1 conjugate: Synthesis and bioevaluation. Journal of Cellular Physiology, 2019, 234, 18206-18213.	4.1	4
227	Phytocatalytic and cytotoxic activity of the purified laccase from bleed resin of <i>Pistacia atlantica</i> Desf.. International Journal of Biological Macromolecules, 2021, 176, 394-403.	7.5	4
228	5-Benzylidene-2,3-diarylthiazolidine-4-ones: Design, synthesis, spectroscopic characterization, in vitro biological and computational evaluation. Synthetic Communications, 2021, 51, 2668-2683.	2.1	4
229	2,4-Disubstituted Quinazoline Derivatives Act as Inducers of Tubulin Polymerization: Synthesis and Cytotoxicity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1048-1057.	1.7	4
230	<i>Nostoc piscinale</i> Gt-319, a New Cyanobacterial Strain with Cytotoxic Activity. Biotechnology, 2007, 6, 505-512.	0.1	4
231	Synthesis and In-vitro Antibacterial Activities of Acetylanthracene and Acetylphenanthrene Derivatives of Some Fluoroquinolones. Iranian Journal of Pharmaceutical Research, 2011, 10, 225-31.	0.5	4
232	Laccase Activity in CTAB-Based Water-in-Oil Microemulsions. Iranian Journal of Pharmaceutical Research, 2016, 15, 441-452.	0.5	4
233	Purification and study of anti-cancer effects of serralyisin. Iranian Journal of Microbiology, 2019, 11, 320-327.	0.8	4
234	Formulation, characterization, and bioactivity assessments of a laccase-based mouthwash. Journal of Drug Delivery Science and Technology, 2022, 69, 103128.	3.0	4

#	ARTICLE	IF	CITATIONS
235	Elimination and detoxification of phenanthrene assisted by a laccase from halophile <i>Alkalibacillus almallahensis</i> . <i>Journal of Environmental Health Science & Engineering</i> , 2022, 20, 227-239.	3.0	4
236	Novel pH-responsive multilayer magnetic nanoparticles for controlled drug delivery. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1653-1666.	2.2	3
237	Biosynthesis of SeNPs by <i>Mycobacterium bovis</i> and their enhancing effect on the immune response against HBs antigens: an <i>in vivo</i> study. <i>IET Nanobiotechnology</i> , 2018, 12, 57-63.	3.8	3
238	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential α -Glucosidase Inhibitors. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 3157-3165.	2.6	3
239	Design and Synthesis of Novel 5-Arylisoxazole-1,3,4-thiadiazole Hybrids as α -Glucosidase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 436-444.	0.7	3
240	Use of artificial neural networks to examine parameters affecting the immobilization of streptokinase in chitosan. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 1379-86.	0.5	3
241	In vitro genotoxicity of extracellular extract from <i>Nostoc piscinale</i> . <i>Toxicological and Environmental Chemistry</i> , 2008, 90, 795-799.	1.2	2
242	An organic solvent-tolerant lipase of <i>Streptomyces pratensis</i> MV1 with the potential application for enzymatic improvement of n6/n3 ratio in polyunsaturated fatty acids from fenugreek seed oil. <i>Journal of Food Science and Technology</i> , 2021, 58, 2761-2772.	2.8	2
243	Enhanced Production and Characterization of a Highly Stable Extracellular Protease from an Extreme Halophilic Isolate. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1392-1412.	0.5	2
244	An Overview on Probiotics as an Alternative Strategy for Prevention and Treatment of Human Diseases. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 31-50.	0.5	2
245	Optimization of metabolic intermediates to enhance the production of fucoxanthin from <i>Tisochrysis lutea</i> . <i>Journal of Applied Phycology</i> , 2022, 34, 1269-1279.	2.8	2
246	Recent Developments in Laccase Applications for the Food Industry. , 2019, , .		1
247	Design, Synthesis and Bioactivity Investigation of Novel 2,3-Diarylthiazolidine-4-Ones as Potent α -Glucosidase Inhibitors. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-19.	2.6	1
248	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel α -glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. <i>Current Organic Chemistry</i> , 2020, 24, 2019-2027.	1.6	1
249	Laccase-Mediated Treatment of Pharmaceutical Wastes. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2018, , 213-252.	0.3	1
250	Efficient Keratinolysis of Poultry Feather Waste by the Halotolerant Keratinase from <i>Salicola Marasensis</i> . <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1862-1870.	0.5	1
251	Graphene-Based Polymer Nanocomposites: Chemistry and Applications. <i>Advanced Structured Materials</i> , 2015, , 209-237.	0.5	0
252	Comparing effects of different routes of heparin administration on the serum biomarkers of thrombosis. <i>Journal of Comparative Effectiveness Research</i> , 2016, 5, 249-257.	1.4	0

#	ARTICLE	IF	CITATIONS
253	Application of Electrospray in Preparing Solid Lipid Nanoparticles and Optimization of Nanoparticles Using Artificial Neural Networks. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 251-254.	0.3	0
254	Expected Impact of Biosimilars on the Pharmaceutical Companies. <i>Iranian Journal of Medical Sciences</i> , 2021, 46, 399-401.	0.4	0
255	Ugi Adducts: Design and Synthesis of Natural-based α -glucosidase Inhibitors. <i>Letters in Organic Chemistry</i> , 2022, 19, 1084-1093.	0.5	0