

Mohammad Ali Faramarzi

List of Publications by Year in descending order

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255
papers

7,818
citations

47006

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82547

72
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266
all docs

266
docs citations

266
times ranked

8973
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Formulation, characterization, and bioactivity assessments of a laccase-based mouthwash. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103128. | 3.0 | 4 |
| 7 | Fast anisotropic growth of the biomineralized zinc phosphate nanocrystals for a facile and instant construction of laccase@Zn ₃ (PO ₄) ₂ hybrid nanoflowers. <i>International Journal of Biological Macromolecules</i> , 2022, 204, 520-531. | 7.5 | 21 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Ugi Adducts: Design and Synthesis of Natural-based α -glucosidase Inhibitors. <i>Letters in Organic Chemistry</i> , 2022, 19, 1084-1093. | 0.5 | 0 |
| 13 | Cyanoacetohydrazide linked to 1,2,3-triazole derivatives: a new class of α -glucosidase inhibitors. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 20 |
| 14 | Instantaneous synthesis and full characterization of organic-inorganic laccase-cobalt phosphate hybrid nanoflowers. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 12 |
| 15 | Hybridization of laccase with dendrimer-grafted silica-coated hercynite-copper phosphate magnetic hybrid nanoflowers and its application in bioremoval of gemifloxacin. <i>Environmental Science and Pollution Research</i> , 2022, 29, 89255-89272. | 5.3 | 5 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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. <i>Molecular Diversity</i> , 2021, 25, 877-888. | 3.9 | 21 |
| 20 | Design and synthesis of novel pyrazole-phenyl semicarbazone derivatives as potential α -glucosidase inhibitor: Kinetics and molecular dynamics simulation study. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1082-1095. | 7.5 | 33 |
| 21 | 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 |
| 22 | 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 |
| 23 | Nitrate and Phosphate Removal Efficiency of <i>Synechococcus elongatus</i> Under Mixotrophic and Heterotrophic Conditions for Wastewater Treatment. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021, 45, 1831-1843. | 1.9 | 5 |
| 24 | Synthesis of the new tri-amide derivatives as novel α -glucosidase inhibitors by Ugi four-component reaction. <i>Journal of Molecular Structure</i> , 2021, 1227, 129531. | 3.6 | 5 |
| 25 | Enhancing production of fucoxanthin by the optimization of culture media of the microalga <i>Tisochrysis lutea</i> . <i>Aquaculture</i> , 2021, 533, 736074. | 3.5 | 22 |
| 26 | Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent α -glucosidase inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2017-2034. | 2.2 | 5 |
| 27 | 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 |
| 28 | 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 |
| 29 | Development of an enzyme-enhancer system to improve laccase biological activities. <i>International Journal of Biological Macromolecules</i> , 2021, 173, 99-108. | 7.5 | 5 |
| 30 | 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 |
| 31 | 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 |
| 32 | Phycatalytic and cytotoxic activity of the purified laccase from bleed resin of <i>Pistacia atlantica</i> Desf.. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 394-403. | 7.5 | 4 |
| 33 | 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 |
| 34 | 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 |
| 35 | Polyherbal combination for wound healing: <i>Matricaria chamomilla</i> L. and <i>Punica granatum</i> L.. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 133-145. | 2.0 | 22 |
| 36 | New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent α -glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. <i>Monatshefte für Chemie</i> , 2021, 152, 679-693. | 1.8 | 8 |

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|----|--|------|-----------|
| 37 | 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 |
| 38 | Synthesis, in vitro evaluation, and molecular docking studies of novel hydrazineylideneindolinone linked to phenoxymethyl-1,2,3-triazole derivatives as potential α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 111, 104869. | 4.1 | 33 |
| 39 | 5-Benzylidene-2,3-diarylthiazolidine-4-ones: Design, synthesis, spectroscopic characterization, <i>in vitro</i> biological and computational evaluation. <i>Synthetic Communications</i> , 2021, 51, 2668-2683. | 2.1 | 4 |
| 40 | 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 |
| 41 | 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 |
| 42 | Design and synthesis of phenoxymethylbenzimidazole incorporating different aryl thiazole-triazole acetamide derivatives as α -glycosidase inhibitors. <i>Molecular Diversity</i> , 2021, , 1. | 3.9 | 12 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | Expected Impact of Biosimilars on the Pharmaceutical Companies. <i>Iranian Journal of Medical Sciences</i> , 2021, 46, 399-401. | 0.4 | 0 |
| 47 | 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 |
| 48 | 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 |
| 49 | Production of fucoxanthin by the microalga <i>Tisochrysis lutea</i> : A review of recent developments. <i>Aquaculture</i> , 2020, 516, 734637. | 3.5 | 47 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Synthesis and biological evaluation of 2-(2-methyl-1H-pyrrol-3-yl)-2-oxo-N-(pyridine-3-yl) acetamide derivatives: in vitro α -glucosidase inhibition, and kinetic and molecular docking study. <i>Chemical Papers</i> , 2020, 74, 1583-1596. | 2.2 | 9 |
| 56 | 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 |
| 57 | 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 |
| 58 | Production of a cyanobacterium-based biodiesel by the heterogeneous biocatalyst of SBA-15@oleate@lipase. <i>Fuel</i> , 2020, 279, 118580. | 6.4 | 7 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | Degradation of Sesame Oil Phenolics Using Magnetic Immobilized Laccase. <i>Catalysis Letters</i> , 2020, 150, 3086-3095. | 2.6 | 9 |
| 68 | 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 |
| 69 | Biomedical and Pharmaceutical-Related Applications of Laccases. <i>Current Protein and Peptide Science</i> , 2020, 21, 78-98. | 1.4 | 18 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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|----|---|-----|-----------|
| 73 | PerioVax3, a key antigenic determinant with immunoprotective potential against periodontal pathogen. <i>Microbial Pathogenesis</i> , 2019, 135, 103661. | 2.9 | 4 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | Recent Developments in Laccase Applications for the Food Industry. , 2019, , . | | 1 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | Novel trastuzumab-DM1 conjugate: Synthesis and bioevaluation. <i>Journal of Cellular Physiology</i> , 2019, 234, 18206-18213. | 4.1 | 4 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | Catalytic phenol removal using entrapped cross-linked laccase aggregates. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 359-366. | 7.5 | 64 |
| 89 | 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 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | 2,4-Disubstituted Quinazoline Derivatives Act as Inducers of Tubulin Polymerization: Synthesis and Cytotoxicity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1048-1057. | 1.7 | 4 |
| 92 | Osmolyte-Induced Folding and Stability of Proteins: Concepts and Characterization. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 13-30. | 0.5 | 16 |
| 93 | Purification and study of anti-cancer effects of serralyisin. <i>Iranian Journal of Microbiology</i> , 2019, 11, 320-327. | 0.8 | 4 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | 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 |
| 98 | Nanoemulsion of atovaquone as a promising approach for treatment of acute and chronic toxoplasmosis. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 138-146. | 4.0 | 20 |
| 99 | 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. <i>ChemCatChem</i> , 2018, 10, 1542-1546. | 3.7 | 23 |
| 100 | Design, synthesis and <i>in vitro</i> 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 |
| 101 | Mitogen-activated protein kinase (MEK) inhibitors to treat melanoma alone or in combination with other kinase inhibitors. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 317-330. | 3.3 | 22 |
| 102 | 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 |
| 103 | Enzymatic esterification of acylglycerols rich in omega-3 from flaxseed oil by an immobilized solvent-tolerant lipase from <i>Actinomyces sediminis</i> UTM 2870 isolated from oil-contaminated soil. <i>Food Chemistry</i> , 2018, 245, 934-942. | 8.2 | 23 |
| 104 | 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 |
| 105 | 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 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

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|-----|---|-----|-----------|
| 109 | Baeyer-Villiger oxidation of progesterone by <i>Aspergillus sojae</i> PTCC 5196. <i>Steroids</i> , 2018, 140, 52-57. | 1.8 | 10 |
| 110 | Biology-oriented Drug Synthesis (<sc>BIODS</sc>) Approach towards Synthesis of Ciprofloxacin- β -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 |
| 111 | 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 |
| 112 | Laccase-Mediated Treatment of Pharmaceutical Wastes. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2018, , 213-252. | 0.3 | 1 |
| 113 | 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 |
| 114 | Isolation, one-step affinity purification, and characterization of a polyextremotolerant laccase from the halophilic bacterium <i>Aquisalibacillus elongatus</i> and its application in the delignification of sugar beet pulp. <i>Bioresource Technology</i> , 2017, 230, 67-75. | 9.6 | 82 |
| 115 | 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 |
| 116 | Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1371-1389. | 2.9 | 20 |
| 117 | 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 |
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