## Aida Iraji

## List of Publications by Year in descending order

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Version: 2024-02-01

218381 344852 2,039 106 26 36 h-index citations g-index papers 111 111 111 2007 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Synthesis of novel sepiolite–iron oxide–manganese dioxide nanocomposite and application for lead(II) removal from aqueous solutions. Environmental Science and Pollution Research, 2019, 26, 18893-18903.	2.7	71
2	Multifunctional iminochromene-2H-carboxamide derivatives containing different aminomethylene triazole with BACE1 inhibitory, neuroprotective and metal chelating properties targeting Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 141, 690-702.	2.6	69
3	Antiviral activity of the oseltamivir and Melissa officinalis L. essential oil against avian influenza A virus (H9N2). VirusDisease, 2016, 27, 170-178.	1.0	64
4	Novel small molecule therapeutic agents for Alzheimer disease: Focusing on BACE1 and multi-target directed ligands. Bioorganic Chemistry, 2020, 97, 103649.	2.0	61
5	Synthesis and biological activity of pyrimidines-containing hybrids: Focusing on pharmacological application. Journal of Molecular Structure, 2021, 1230, 129833.	1.8	60
6	Multi-target inhibitors against Alzheimer disease derived from 3-hydrazinyl 1,2,4-triazine scaffold containing pendant phenoxy methyl-1,2,3-triazole: Design, synthesis and biological evaluation. Bioorganic Chemistry, 2019, 84, 363-371.	2.0	57
7	Synthesis and structure-activity relationship study of multi-target triazine derivatives as innovative candidates for treatment of Alzheimer's disease. Bioorganic Chemistry, 2018, 77, 223-235.	2.0	54
8	Core-shell chitosan/PVA-based nanofibrous scaffolds loaded with Satureja mutica or Oliveria decumbens essential oils as enhanced antimicrobial wound dressing. International Journal of Pharmaceutics, 2021, 597, 120288.	2.6	53
9	Prevalence of oral Candida colonization in patients with diabetes mellitus. Journal De Mycologie Medicale, 2016, 26, 103-110.	0.7	48
10	Efficacy of inhaled Lavandula angustifolia Mill. Essential oil on sleep quality, quality of life and metabolic control in patients with diabetes mellitus type II and insomnia. Journal of Ethnopharmacology, 2020, 251, 112560.	2.0	47
11	The Protective Effect of Hydroalcoholic Extract of <i>Zingiber officinale</i> Roscoe (Ginger) on Ethanol-Induced Reproductive Toxicity in Male Rats. Journal of Evidence-Based Complementary & Alternative Medicine, 2017, 22, 609-617.	1.5	42
12	Discovery of imidazopyridines containing isoindoline-1,3-dione framework as a new class of BACE1 inhibitors: Design, synthesis and SAR analysis. European Journal of Medicinal Chemistry, 2017, 138, 729-737.	2.6	42
13	The natural-based optimization of kojic acid conjugated to different thio-quinazolinones as potential anti-melanogenesis agents with tyrosinase inhibitory activity. Bioorganic and Medicinal Chemistry, 2021, 36, 116044.	1.4	38
14	Timeâ€dependent antibacterial effects of <i>Aloe vera</i> and <i>Zataria multiflora</i> plant essential oils compared to calcium hydroxide in teeth infected with <i>Enterococcus faecalis</i> Journal of Investigative and Clinical Dentistry, 2016, 7, 93-101.	1.8	36
15	Effects of Citrullus colocynthis L. in a rat model of diabetic neuropathy. Journal of Integrative Medicine, 2020, 18, 59-67.	1.4	34
16	Linarin, a Glycosylated Flavonoid, with Potential Therapeutic Attributes: A Comprehensive Review. Pharmaceuticals, 2021, 14, 1104.	1.7	34
17	Hydroalcoholic extract of <i>Carum carvi</i> L. in oral mucositis: a clinical trial in male golden hamsters. Oral Diseases, 2016, 22, 39-45.	1.5	33
18	Synthesis, in vitro evaluation, and molecular docking studies of novel hydrazineylideneindolinone linked to phenoxymethyl-1,2,3-triazole derivatives as potential $\hat{l}_{\pm}$ -glucosidase inhibitors. Bioorganic Chemistry, 2021, 111, 104869.	2.0	33

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19	Constituents of the Volatile Oil of <i>Ferulago angulata &lt; /i&gt; (Schlecht.) Boiss. from Iran. Journal of Essential Oil Research, 2006, 18, 548-550.</i>	1.3	31
20	Synthesis and evaluation of biological activities of tripodal imines and $\hat{l}^2$ -lactams attached to the 1,3,5-triazine nucleus. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 2020, 151, 821-835.	0.9	31
21	Antimicrobial and Cytotoxic Activity of Cuminum Cyminum as an Intracanal Medicament Compared to Chlorhexidine Gel. Iranian Endodontic Journal, 2016, 11, 44-50.	0.8	31
22	Design, synthesis and biological activity of novel tacrine-isatin Schiff base hybrid derivatives. Bioorganic Chemistry, 2019, 89, 103006.	2.0	29
23	Screening the antifungal activities of monoterpenes and their isomers against <i>Candida</i> species. Journal of Applied Microbiology, 2020, 129, 1541-1551.	1.4	29
24	Anti-melanogenesis and anti-tyrosinase properties of aryl-substituted acetamides of phenoxy methyl triazole conjugated with thiosemicarbazide: Design, synthesis and biological evaluations. Bioorganic Chemistry, 2021, 114, 104979.	2.0	29
25	Biochemical, hematological, and pathological related healing effects of Elaeagnus angustifolia hydroalcoholic extract in 5-fluorouracil-induced oral mucositis in male golden hamster. Environmental Science and Pollution Research, 2017, 24, 24447-24453.	2.7	28
26	Efficacy of black seed ( <i>Nigella sativa</i> L.) on kidney stone dissolution: A randomized, doubleâ€blind, placeboâ€controlled, clinical trial. Phytotherapy Research, 2019, 33, 1404-1412.	2.8	28
27	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazoleâ€Phenylpiperazine Derivatives. Chemistry and Biodiversity, 2019, 16, e1800433.	1.0	28
28	Synthesis, biological evaluation and molecular docking analysis of vaniline–benzylidenehydrazine hybrids as potent tyrosinase inhibitors. BMC Chemistry, 2020, 14, 28.	1.6	27
29	Ultrasound- assisted emulsification microextraction for separation of trace amounts of antimony prior to FAAS determination. Mikrochimica Acta, 2012, 176, 185-192.	2.5	26
30	5,6-Diphenyl triazine-thio methyl triazole hybrid as a new Alzheimer's disease modifying agents. Molecular Diversity, 2020, 24, 641-654.	2.1	25
31	A review on $\hat{l}$ ±-glucosidase inhibitory activity of first row transition metal complexes: a futuristic strategy for treatment of type 2 diabetes. RSC Advances, 2022, 12, 12011-12052.	1.7	25
32	N-Cyclohexylimidazo[1,2-a]pyridine derivatives as multi-target-directed ligands for treatment of Alzheimer's disease. Bioorganic Chemistry, 2020, 103, 104146.	2.0	24
33	Synthesis and bio-evaluation of new multifunctional methylindolinone-1,2,3-triazole hybrids as anti-Alzheimer's agents. Journal of Molecular Structure, 2021, 1229, 129828.	1.8	24
34	<i>N</i> â€(2â€(Piperazinâ€1â€yl)phenyl)arylamide Derivatives as βâ€Secretase (BACE1) Inhibitors: Simple Synth by Ugi Fourâ€Component Reaction and Biological Evaluation. Archiv Der Pharmazie, 2015, 348, 330-337.	nesis 2.1	23
35	Mycotoxins Detection and Fungal Contamination in Black and Green Tea by HPLC-Based Method. Journal of Toxicology, 2020, 2020, 1-7.	1.4	23
36	Evaluation of bioremediation potential and biopolymer production of pseudomonads isolated from petroleum hydrocarbon-contaminated areas. International Journal of Environmental Science and Technology, 2015, 12, 2801-2808.	1.8	22

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37	Design and synthesis of multi-target directed 1,2,3-triazole-dimethylaminoacryloyl-chromenone derivatives with potential use in Alzheimer's disease. BMC Chemistry, 2020, 14, 64.	1.6	22
38	The Promising Therapeutic and Preventive Properties of Anthocyanidins/Anthocyanins on Prostate Cancer. Cells, 2022, 11, 1070.	1.8	22
39	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. Journal of the Iranian Chemical Society, 2016, 13, 2163-2171.	1.2	21
40	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	1.6	21
41	Efficacy of Anise (Pimpinella anisum L.) oil for migraine headache: A pilot randomized placebo-controlled clinical trial. Journal of Ethnopharmacology, 2019, 236, 155-160.	2.0	20
42	A Series of Benzylidenes Linked to Hydrazineâ€1â€carbothioamide as Tyrosinase Inhibitors: Synthesis, Biological Evaluation and Structureâ 'Activity Relationship. Chemistry and Biodiversity, 2020, 17, e2000285.	1.0	20
43	Design, synthesis and biological activity evaluation of novel carbazole-benzylpiperidine hybrids as potential anti Alzheimer agents. Journal of Molecular Structure, 2020, 1221, 128793.	1.8	20
44	Cyanoacetohydrazide linked to 1,2,3-triazole derivatives: a new class of $\hat{l}\pm$ -glucosidase inhibitors. Scientific Reports, 2022, 12, .	1.6	20
45	Poly(3-Hydroxybutyrate)-Multiwalled Carbon Nanotubes Electrospun Scaffolds Modified with Curcumin. Polymers, 2020, 12, 2588.	2.0	19
46	Design, synthesis, and biological evaluation of symmetrical azine derivatives as novel tyrosinase inhibitors. BMC Chemistry, 2021, 15, 54.	1.6	17
47	One-pot multi-component synthesis of novel chromeno [4,3-b] pyrrol-3-yl derivatives as alpha-glucosidase inhibitors. Molecular Diversity, 2022, 26, 2393-2405.	2.1	17
48	Synthesis and characterization of 1-amidino-O-alkylureas metal complexes as α- glucosidase Inhibitors: Structure-activity relationship, molecular docking, and kinetic studies. Journal of Molecular Structure, 2022, 1250, 131726.	1.8	17
49	Tetrahydroquinolinone derivatives as potent P-glycoprotein inhibitors: design, synthesis, biological evaluation and molecular docking analysis. MedChemComm, 2017, 8, 1919-1933.	3.5	16
50	Molecular epidemiology of environmental Cryptococcus species isolates based on amplified fragment length polymorphism. Journal De Mycologie Medicale, 2018, 28, 599-605.	0.7	16
51	Protection by pure and genistein fortified extra virgin olive oil, canola oil, and rice bran oil against acetic acid-induced ulcerative colitis in rats. Food and Function, 2020, 11, 860-870.	2.1	16
52	Design, synthesis, in vitro and in silico studies of novel Schiff base derivatives of 2â€hydroxyâ€4â€methoxybenzamide as tyrosinase inhibitors. Drug Development Research, 2021, 82, 533-542.	1.4	16
53	Molecular identification and in-vitro antifungal susceptibility testing of Candida species isolated from patients with onychomycosis. Current Medical Mycology, 2015, 1, 26-32.	0.8	16
54	N-sulfonyl ketenimine as a versatile intermediate for the synthesis of heteroatom containing compounds. Journal of Organometallic Chemistry, 2021, 939, 121773.	0.8	15

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55	Synthesis and in vitro urease inhibitory activity of 5-nitrofuran-2-yl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies. Bioorganic Chemistry, 2022, 120, 105592.	2.0	14
56	Design, synthesis, and in silico studies of benzimidazole bearing phenoxyacetamide derivatives as α-glucosidase and α-amylase inhibitors. Journal of Molecular Structure, 2022, 1268, 133650.	1.8	14
57	Characterization and Physical and Biological Properties of Tissue Conditioner Incorporated with Carum copticum L BioMed Research International, 2021, 2021, 1-10.	0.9	13
58	Trachyspermum ammi aromatic water: A traditional drink with considerable anti-Candida activity. Current Medical Mycology, 2020, 6, $1$ -8.	0.8	13
59	Stereological investigation of the effect of fruit hydroalcoholic extract on osteoporosis in ovariectomized rats. Avicenna Journal of Phytomedicine, 2017, 7, 261-274.	0.1	13
60	Anti-Inflammatory, Antioxidant, and Healing-Promoting Effects of Aloe vera Extract in the Experimental Colitis in Rats. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	13
61	Evaluating the effects of disubstituted 3-hydroxy-1H-pyrrol-2(5H)-one analog as novel tyrosinase inhibitors. Bioorganic Chemistry, 2022, 126, 105876.	2.0	13
62	Novel <i>N</i> â€benzylpiperidine derivatives of 5â€arylisoxazoleâ€3â€carboxamides as antiâ€Alzheimer's agents Archiv Der Pharmazie, 2021, 354, e2000258.	· 2.1	12
63	Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimer's disease. Molecular Diversity, 2022, 26, 409-428.	2.1	12
64	Design and synthesis of phenoxymethybenzoimidazole incorporating different aryl thiazole-triazole acetamide derivatives as $\hat{l}\pm$ -glycosidase inhibitors. Molecular Diversity, 2021, , 1.	2.1	12
65	Structure-Based Design, Synthesis, Biological Evaluation and Molecular Docking Study of 4-Hydroxy-N'-methylenebenzohydrazide Derivatives Acting as Tyrosinase Inhibitors with Potentiate Anti-Melanogenesis Activities. Medicinal Chemistry, 2020, 16, 892-902.	0.7	12
66	Effect of hydroalcoholic extract of Berberis integerrima and resveratrol on ovarian morphology and biochemical parameters in Letrozole-induced polycystic ovary syndrome rat model: An experimental study. International Journal of Reproductive BioMedicine, 2020, 18, 637-650.	0.5	12
67	Antimicrobial activities of Asafoetida and Shirazi thyme essential oils improve the vase life of gerbera cut flowers. Acta Ecologica Sinica, 2018, 38, 228-233.	0.9	11
68	Stereoselective reduction of prochiral ketones by plant and microbial biocatalysts. Indian Journal of Pharmaceutical Sciences, 2016, 78, 73.	1.0	11
69	Design, synthesis, biological evaluation, and molecular docking study of thioxo-2,3-dihydroquinazolinone derivative as tyrosinase inhibitors. Journal of Molecular Structure, 2022, 1253, 132283.	1.8	11
70	Novel phenylurea-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Journal of Molecular Structure, 2022, 1263, 133078.	1.8	11
71	The protective effects of grape seed oil on induced osteoarthritis of the knee in male rat models. Journal of Orthopaedic Surgery and Research, 2020, 15, 400.	0.9	10
72	Allium hooshidaryae (Alliaceae); Chemical compositions, biological and ethnomedicine uses. Journal of Ethnopharmacology, 2021, 274, 113918.	2.0	10

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73	One-pot synthesis of thioxo-tetrahydropyrimidine derivatives as potent $\hat{l}^2$ -glucuronidase inhibitor, biological evaluation, molecular docking and molecular dynamics studies. Bioorganic and Medicinal Chemistry, 2020, 28, 115359.	1.4	9
74	Effect of flaxseed oil on biochemical parameters, hormonal indexes and stereological changes in ovariectomized rats. Veterinary Medicine and Science, 2021, 7, 521-533.	0.6	9
75	Separation for trace amounts of gold (III) ion using ion-pair dispersive liquid–liquid microextraction prior to flame atomic absorption spectrometry determination. International Journal of Environmental Analytical Chemistry, 2013, 93, 315-324.	1.8	8
76	Cytotoxicity, anticancer, and antioxidant properties of mono and bis-naphthalimido $\hat{l}^2$ -lactam conjugates. Medicinal Chemistry Research, 2020, 29, 1355-1375.	1.1	8
77	Rational Design, Synthesis, <i>in Vitro</i> , and <i>in Silico</i> Studies of Chlorophenylquinazolinâ€4(3 <i>H</i> )â€One Containing Different Aryl Acetohydrazides as Tyrosinase Inhibitors. Chemistry and Biodiversity, 2022, 19, .	1.0	8
78	Hydroxycinnamic acid as a novel scaffold for the development of cyclooxygenase-2 inhibitors. RSC Advances, 2015, 5, 58902-58911.	1.7	7
79	Evaluating the Effect of Melillotus officinalis L. Aqueous Extracts on Healing of Acetic Acid-Induced Ulcerative Colitis in Male Rats. Annals of Colorectal Research, 2016, 4, .	0.1	7
80	Inhibition of LPS-induced inflammatory responses by <i>Satureja hortensis</i> extracts in J774.1 macrophages. Journal of Immunoassay and Immunochemistry, 2018, 39, 274-291.	0.5	6
81	The possible effect of microRNA-155 (miR-155) and BACE1 inhibitors in the memory of patients with down syndrome and Alzheimer's disease: Design, synthesis, virtual screening, molecular modeling and biological evaluations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5803-5814.	2.0	6
82	Green Synthesis of Silver Nanoparticles Using Aqueous Extract of <i>Lamium album</i> and their Antifungal Properties. Journal of Nano Research, 0, 67, 55-67.	0.8	6
83	Essential Oil Composition of Aerial Parts of Vitex pseudo-negundo Populations Collected from Southwest of Iran. Journal of Essential Oil-bearing Plants: JEOP, 2018, 21, 570-576.	0.7	5
84	Rational Design, Synthesis, In Vitro, and In Silico Studies of Dihydropyrimidinone Derivatives as β-Glucuronidase Inhibitors. Journal of Chemistry, 2021, 2021, 1-10.	0.9	5
85	Proteolytic activity and cooperative hemolytic effect of dermatophytes with different species of bacteria. Current Medical Mycology, 2016, 2, 9-14.	0.8	5
86	A Study on Essential Oil Chemical Compositions, Antioxidant, and Antimicrobial Activities of Native and Endemic Satureja Species Growing in Iran. Pharmaceutical Chemistry Journal, 2018, 52, 63-68.	0.3	4
87	Exopolysaccharide from Pantoea sp. BCCS 001 GH isolated from nectarine fruit: production in submerged culture and preliminary physicochemical characterizations. Food Science and Biotechnology, 2018, 27, 1735-1746.	1.2	4
88	The Antioxidant and Anti-Inflammatory Effects of Quercus brantii Extract on TNBS-Induced Ulcerative Colitis in Rats. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	4
89	Synthesis and In Vitro Biological Activity Evaluation of Novel Imidazo [2,1-B][1,3,4] Thiadiazole as Anti-Alzheimer Agents. Letters in Drug Design and Discovery, 2020, 17, 610-617.	0.4	4
90	lminoâ€2 <i>H</i> à€€hromene Based Derivatives as Potential Antiâ€Alzheimer's Agents: Design, Synthesis, Biological Evaluation and <i>in Silico</i> Study. Chemistry and Biodiversity, 2022, 19, e2100599.	1.0	4

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91	Comparing the effects of Elaegnus Angustifolia, Hypericum Perforatum and Psidium Guajava extracts on metabolic activity of dental pulp-derived mesenchymal stem cells. Cell and Tissue Banking, 2022, 23, 143-155.	0.5	3
92	Novel strategy of cartilage repairing via application of P $_{\rm c}$ atlantica with stem cells and collagen. Artificial Organs, 2021, 45, 1405-1421.	1.0	3
93	Osteomyelitis and lung abscess due to Aspergillus fumigatus in a chronic granulomatous disease patient. Current Medical Mycology, 2016, 2, 37-41.	0.8	3
94	Molecular identification of non-yeasts associated with pigeon droppings in Shiraz, Southern Iran. Iranian Journal of Veterinary Research, 2019, 20, 204-208.	0.4	2
95	Acenaphthotriazine Thio-triazole Derivatives as Anti-cancer Agents Triggering Cell Cycle Arrest in Breast Cancer Cells. Letters in Drug Design and Discovery, 2023, 20, 639-648.	0.4	2
96	Design, synthesis and apoptosis inducing activity of nonsteroidal flavone-methanesulfonate derivatives on MCF-7 cell line as potential sulfatase inhibitor. Medicinal Chemistry Research, 2021, 30, 1677-1687.	1.1	1
97	Effects of Pentoxifylline in a Rat Model of Manganism: Evaluation of the Possible Toxicity. Journal of Chemistry, 2021, 2021, 1-9.	0.9	1
98	Effects of Calendula Officinalis and Hypericum Perforatum on Antioxidant, Anti-Inflammatory, and Histopathology Indices of Induced Periodontitis in Male Rats. Journal of Dentistry, 2020, 21, 314-321.	0.1	1
99	Synthesis and anti-Toxoplasma activity of indole-triazole compounds on tachyzoites of RH strain. Annals of Medicine and Surgery, 2022, 74, 103245.	0.5	1
100	Does application of honey improve surgical outcome in pilonidal cyst excision with secondary intention healing? A prospective randomized placebo-controlled clinical trial. Perioperative Medicine (London, England), 2022, 11, 1.	0.6	1
101	Chemical composition and antifungal activities of aromatic water of Zataria multiflora Boiss. Current Medical Mycology, 2021, 7, 29-35.	0.8	1
102	Design and <i>in vitro</i> antifungal activity of Nystatin loaded chitosan-coated magnetite nanoparticles for targeted therapy. Inorganic and Nano-Metal Chemistry, 0, , 1-9.	0.9	1
103	Synthesis, molecular docking, and cytotoxicity of quinazolinone and dihydroquinazolinone derivatives as cytotoxic agents. BMC Chemistry, 2022, 16, 35.	1.6	1
104	Comparative Evaluation of the Analgesic Effects of Pistacia atlantica Leaves, Gum, and Fruit Extracts in Rats. Shiraz E Medical Journal, 2021, 22, .	0.1	0
105	Aminoimidazo[1,2-a]pyridine Bearing Different Pyrazole Moieties as the Structural Scaffold for the Development of BACE1 Inhibitor; Synthesis, Structural Characterization, In vitro and In silico Studies. Current Organic Synthesis, 2022, 19, .	0.7	0
106	Ugi Adducts: Design and Synthesis of Natural-based α-glucosidase Inhibitors. Letters in Organic Chemistry, 2022, 19, 1084-1093.	0.2	0