Mariya al-Rashida

List of Publications by Year
in descending order

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87	1,795	279798 23	315739 38
papers	citations	h-index	g-index

88	88	88	2184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep eutectic solvent mediated synthesis of 3,4-dihydropyrimidin-2(1H)-ones and evaluation of biological activities targeting neurodegenerative disorders. Bioorganic Chemistry, 2022, 118, 105457.	4.1	8
2	Utilization of transition metal fluoride-based solid support catalysts for the synthesis of sulfonamides: carbonic anhydrase inhibitory activity and in silico study. RSC Advances, 2022, 12, 3165-3179.	3.6	2
3	Nucleotide pyrophosphatase/phosphodiesterases (NPPs) including NPP1 and NPP2/ ATX as important drug targets: A patent review (2015-2020). Expert Opinion on Therapeutic Patents, 2022, 32, 743-751.	5.0	2
4	Synthesis, Carbonic Anhydrase II/IX/XII Inhibition, DFT, and Molecular Docking Studies of Hydrazide-Sulfonamide Hybrids of 4-Methylsalicyl- and Acyl-Substituted Hydrazide. BioMed Research International, 2022, 2022, 1-16.	1.9	3
5	Probing new DABCO-F based ionic liquids as catalyst in organic synthesis. Journal of Molecular Structure, 2022, 1268, 133638.	3.6	2
6	Multicomponent reactions (MCR) in medicinal chemistry: a patent review (2010-2020). Expert Opinion on Therapeutic Patents, 2021, 31, 267-289.	5.0	115
7	Amathaspiramides Aâ€“F. , 2021, , 11-18.		1
8	(1S,3R)-1-Aminocyclopentane-1,3-diarboxylic acid (ACPD). , 2021, , 199-201.		0
9	Synthetic approach to the TAN1251 alkaloids. , 2021, , 187-198.		0
10	(â˜)-FR901483 and TAN1251 (A-D). , 2021, , 167-185.		0
11	Probing phenylcarbamoylazinane-1,2,4-triazole amides derivatives as lipoxygenase inhibitors along with cytotoxic, ADME and molecular docking studies. Bioorganic Chemistry, 2021, 107, 104525.	4.1	16
12	Synthesis of imidazole-pyrazole conjugates bearing aryl spacer and exploring their enzyme inhibition potentials. Bioorganic Chemistry, 2021, 108, 104686.	4.1	15
13	Synthesis of benzimidazole based hydrazones as nonâ€sugar based Î±â€glucosidase inhibitors: Structure activity relation and molecular docking. Drug Development Research, 2021, 82, 1033-1043.	2.9	14
14	Cholinesterase Inhibition Activity and Molecular Docking Study of Eugenol Derivatives. Sains Malaysiana, 2021, 50, 1037-1045.	0.5	8
15	Identification of NSAIDs as lipoxygenase inhibitors through highly sensitive chemiluminescence method, expression analysis in mononuclear cells and computational studies. Bioorganic Chemistry, 2021, 110, 104818.	4.1	20
16	Synthesis, In-vitro evaluation and molecular docking studies of oxoindolin phenylhydrazine carboxamides as potent and selective inhibitors of ectonucleoside triphosphate diphosphohydrolase (NTPDase). Bioorganic Chemistry, 2021, 112, 104957.	4.1	6
17	Recent Advances Towards Drug Design Targeting the Protease of 2019 Novel Coronavirus (2019-nCoV). Current Medicinal Chemistry, 2021, 28, 4484-4498.	2.4	4
18	Natural products with Î±-tertiary amine. , 2021, , 1-3.		1

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19	Exploring synthetic and therapeutic prospects of new thiazoline derivatives as aldose reductase (ALR2) inhibitors. RSC Advances, 2021, 11, 17259-17282.	3.6	7
20	Synthesis of new indazole based dual inhibitors of Î±-glucosidase and Î±-amylase enzymes, their in vitro, in silico and kinetics studies. Bioorganic Chemistry, 2020, 94, 103195.	4.1	51
21	Identification of Imidazolylpyrazole Ligands as Potent Urease Inhibitors: Synthesis, Antiurease Activity and In Silico Docking Studies. ChemistrySelect, 2020, 5, 11817-11821.	1.5	7
22	Effect of 4-Fluoro-N-(4-Sulfamoylbenzyl) Benzene Sulfonamide on Acquisition and Expression of Nicotine-Induced Behavioral Sensitization and Striatal Adenosine Levels . Drug Design, Development and Therapy, 2020, Volume 14, 3777-3786.	4.3	6
23	4-Oxycoumarinyl linked acetohydrazide Schiff bases as potent urease inhibitors. Bioorganic Chemistry, 2020, 105, 104365.	4.1	14
24	Probing 2-acetylbenzofuran hydrazones and their metal complexes as Î±-glucosidase inhibitors. Bioorganic Chemistry, 2020, 102, 104082.	4.1	37
25	Effect of 4-Fluoro-N-(4-sulfamoylbenzyl) Benzene Sulfonamide on cognitive deficits and hippocampal plasticity during nicotine withdrawal in rats. Biomedicine and Pharmacotherapy, 2020, 131, 110783.	5.6	6
26	Evaluation of Ethylated Phenylcarbamoylazinaneâ€1,2,4â€Triazole Amides Derivatives as 15â€Lipoxygenase Inhibitors Together with Cytotoxic, ADME and Molecular Modeling Studies. ChemistrySelect, 2020, 5, 14210-14216.	1.5	4
27	Evaluation of sulfonate and sulfamate derivatives possessing benzofuran or benzothiophene nucleus as inhibitors of nucleotide pyrophosphatases/phosphodiesterases and anticancer agents. Bioorganic Chemistry, 2020, 104, 104305.	4.1	9
28	Piperidiniumâ€Based Deep Eutectic Solvents: Efficient and Sustainable Ecoâ€Friendly Medium for Oneâ€Pot Nâ€Heterocycles Synthesis. ChemistrySelect, 2020, 5, 12697-12703.	1.5	3
29	Functionalized Oxoindolin Hydrazine Carbothioamide Derivatives as Highly Potent Inhibitors of Nucleoside Triphosphate Diphosphohydrolases. Frontiers in Pharmacology, 2020, 11, 585876.	3.5	7
30	Analgesic and Antiallodynic Effects of 4-Fluoro-N-(4-Sulfamoylbenzyl) Benzene Sulfonamide in a Murine Model of Pain . Drug Design, Development and Therapy, 2020, Volume 14, 4511-4518.	4.3	5
31	Ionic liquidâ€“based colloidal nanoparticles: applications in organic synthesis. , 2020, , 279-299.		7
32	A Novel Sulfonamide, 4-FS, Reduces Ethanol Drinking and Physical Withdrawal Associated With Ethanol Dependence. International Journal of Molecular Sciences, 2020, 21, 4411.	4.1	4
33	A novel method for the synthesis of 1,2,4-triazole-derived heterocyclic compounds: enzyme inhibition and molecular docking studies. Journal of the Iranian Chemical Society, 2020, 17, 1183-1200.	2.2	1
34	Sulfonylhydrazones: Design, synthesis and investigation of ectonucleotidase (ALP & e5â€²NT) inhibition activities. Bioorganic Chemistry, 2020, 100, 103827.	4.1	13
35	Probing ferrocene-based thiosemicarbazones and their transition metal complexes as cholinesterase inhibitors. Inorganica Chimica Acta, 2020, 508, 119658.	2.4	11
36	New synthetic 1,2,4-triazole derivatives: Cholinesterase inhibition and molecular docking studies. Results in Chemistry, 2020, 2, 100041.	2.0	13

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37	Exploring antidiabetic potential of adamantyl-thiosemicarbazones via aldose reductase (ALR2) inhibition. Bioorganic Chemistry, 2019, 92, 103244.	4.1	21
38	A patent update on therapeutic applications of urease inhibitors (2012â€“2018). Expert Opinion on Therapeutic Patents, 2019, 29, 181-189.	5.0	30
39	Benzoxazinone-thiosemicarbazones as antidiabetic leads via aldose reductase inhibition: Synthesis, biological screening and molecular docking study. Bioorganic Chemistry, 2019, 87, 857-866.	4.1	40
40	Imidazole-pyrazole hybrids: Synthesis, characterization and in-vitro bioevaluation against Î±-glucosidase enzyme with molecular docking studies. Bioorganic Chemistry, 2019, 82, 267-273.	4.1	26
41	Acridine-based (thio)semicarbazones and hydrazones: Synthesis, in vitro urease inhibition, molecular docking and in-silico ADME evaluation. Bioorganic Chemistry, 2019, 82, 6-16.	4.1	16
42	Coumarinyl Aryl/Alkyl Sulfonates with Dual Potential: Alkaline Phosphatase and ROS Inhibitory Activities: In-Silico Molecular Modeling and ADME Evaluation. Letters in Drug Design and Discovery, 2019, 16, 256-272.	0.7	1
43	Semicarbazone derivatives as urease inhibitors: Synthesis, biological evaluation, molecular docking studies and in-silico ADME evaluation. Bioorganic Chemistry, 2018, 79, 19-26.	4.1	24
44	Development and In vitro Anticancer Evaluation of Selfâ€Assembled Supramolecular pH Responsive Hydrogels of Carboxymethyl Chitosan and Polyoxometalate. ChemistrySelect, 2018, 3, 1472-1479.	1.5	21
45	Evaluation of Î±-glucosidase inhibiting potentials with docking calculations of synthesized arylidene-pyrazolones. Bioorganic Chemistry, 2018, 77, 507-514.	4.1	26
46	Quinazoline and quinazolinone as important medicinal scaffolds: a comparative patent review (2011â€“2016). Expert Opinion on Therapeutic Patents, 2018, 28, 281-297.	5.0	165
47	Acridinedione as selective flouride ion chemosensor: a detailed spectroscopic and quantum mechanical investigation. RSC Advances, 2018, 8, 1993-2003.	3.6	21
48	Morpholinium and Piperidinium Based Deep Eutectic Solvents for Synthesis of Pyrazoleâ€5â€Carbonitriles, Indoles and Tetrazoles: Bulk Properties via Molecular Dynamics Simulations. ChemistrySelect, 2018, 3, 12907-12917.	1.5	10
49	Detailed investigation of anticancer activity of sulfamoyl benz(sulfon)amides and 1Hâ€“pyrazolâ€“4â€“yl benzamides: An experimental and computational study. European Journal of Pharmacology, 2018, 832, 11-24.	3.5	13
50	Novel acridine-based thiosemicarbazones as â€˜turn-on' chemosensors for selective recognition of fluoride anion: a spectroscopic and theoretical study. Royal Society Open Science, 2018, 5, 180646.	2.4	34
51	Receptorâ€Spacerâ€Fluorophore Based Coumarinâ€Thiosemicarbazones as Anion Chemosensors with â€œTurn onâ€•Response: Spectroscopic and Computational (DFT) Studies. ChemistrySelect, 2018, 3, 7633-7642.	1.5	20
52	Facile dimethyl amino group triggered cyclic sulfonamides synthesis and evaluation as alkaline phosphatase inhibitors. Bioorganic Chemistry, 2017, 71, 10-18.	4.1	12
53	In search of new Î± -glucosidase inhibitors: Imidazolylpyrazole derivatives. Bioorganic Chemistry, 2017, 71, 102-109.	4.1	51
54	Green synthesis, inhibition studies of yeast Î±-glucosidase and molecular docking of pyrazolylpyridazine amines. Bioorganic Chemistry, 2017, 71, 170-180.	4.1	16

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55	Coumarin sulfonates: New alkaline phosphatase inhibitors; inÂvitro and in silico studies. European Journal of Medicinal Chemistry, 2017, 131, 29-47.	5.5	25
56	Hetarylcoumarins: Synthesis and biological evaluation as potent Î± -glucosidase inhibitors. Bioorganic Chemistry, 2017, 73, 1-9.	4.1	33
57	N-Alkylated 1,4-Diazabicyclo[2.2.2]octaneâ€“Polyethylene Glycol Melt as Deep Eutectic Solvent for the Synthesis of Fisher Indoles and 1H-Tetrazoles. ACS Omega, 2017, 2, 2891-2900.	3.5	25
58	Sulfonyl hydrazones derived from 3-formylchromone as non-selective inhibitors of MAO-A and MAO-B: Synthesis, molecular modelling and in-silico ADME evaluation. Bioorganic Chemistry, 2017, 75, 291-302.	4.1	26
59	Ectonucleotidase inhibitors: a patent review (2011-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1291-1304.	5.0	16
60	N,N-Dimethylpyridin-4-amine (DMAP) based ionic liquids: evaluation of physical properties via molecular dynamics simulations and application as a catalyst for Fisher indole and 1H-tetrazole synthesis. RSC Advances, 2017, 7, 34197-34207.	3.6	14
61	Small molecules as activators in medicinal chemistry (2000â€“2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1089-1110.	5.0	4
62	Schiff bases in medicinal chemistry: a patent review (2010-2015). Expert Opinion on Therapeutic Patents, 2017, 27, 63-79.	5.0	208
63	Biological Evaluation of Azomethine-dihydroquinazolinone Conjugates as Cancer and Cholinesterase Inhibitors. Medicinal Chemistry, 2016, 12, 74-82.	1.5	11
64	Facile Synthesis and Electrochemical Evaluation of Coumarinâ€Tagged Pyridine and Thiophene Derivatives. ChemistrySelect, 2016, 1, 1596-1601.	1.5	1
65	Novel quinoxaline based chemosensors with selective dual mode of action: nucleophilic addition and hostâ€“guest type complex formation. RSC Advances, 2016, 6, 64009-64018.	3.6	12
66	One-pot synthesis of tetrazole-1,2,5,6-tetrahydronicotinonitriles and cholinesterase inhibition: Probing the plausible reaction mechanism via computational studies. Bioorganic Chemistry, 2016, 65, 38-47.	4.1	14
67	3-(5-(Benzylideneamino)thiazol-3-yl)-2H-chromen-2-ones: a new class of alkaline phosphatase and ecto-5â€²-nucleotidase inhibitors. RSC Advances, 2016, 6, 21026-21036.	3.6	15
68	2-Alkoxy-3-(sulfonylarylaminomethylene)-chroman-4-ones as potent and selective inhibitors of ectonucleotidases. European Journal of Medicinal Chemistry, 2016, 115, 484-494.	5.5	23
69	Inhibition of Alkaline Phosphatase: An Emerging New Drug Target. Mini-Reviews in Medicinal Chemistry, 2015, 15, 41-51.	2.4	38
70	Recent Developments of Carbonic Anhydrase Inhibitors as Potential Drugs. BioMed Research International, 2015, 2015, 1-2.	1.9	4
71	Diarylsulfonamides and their bioisosteres as dual inhibitors of alkaline phosphatase and carbonic anhydrase: Structure activity relationship and molecular modelling studies. Bioorganic and Medicinal Chemistry, 2015, 23, 2435-2444.	3.0	39
72	Solvent-free 1H-tetrazole, 1,2,5,6-tetrahydronicotinonitrile and pyrazole synthesis using quinoline based ionic fluoride salts (QuFs): thermal and theoretical studies. RSC Advances, 2015, 5, 95061-95072.	3.6	7

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73	Synthesis, characterization and biological evaluation of N-(2,3-dimethyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrazol-4-yl)benzamides. RSC Advances, 2015, 5, 86428-86439.	3.6	10
74	In search of a docking protocol to distinguish between DNA intercalators and groove binders: genetic algorithm vs. shape-complementarity based docking methods. RSC Advances, 2015, 5, 72394-72404.	3.6	12
75	Quinolinyl-Thienyl Chalcones as Monoamine Oxidase Inhibitors and their In Silico Modeling Studies. Medicinal Chemistry, 2015, 11, 580-589.	1.5	23
76	Monoamine Oxidase Inhibition and Molecular Modeling Studies of Piperidyl-thienyl and 2-Pyrazoline Derivatives of Chalcones. Medicinal Chemistry, 2015, 11, 497-505.	1.5	19
77	Cholinesterase Inhibitory Activities of N-Phenylthiazol-2-Amine Derivatives and their Molecular Docking Studies. Medicinal Chemistry, 2015, 11, 489-496.	1.5	2
78	Sulfa Drugs as Inhibitors of Carbonic Anhydrase: New Targets for the Old Drugs. BioMed Research International, 2014, 2014, 1-10.	1.9	15
79	Carbonic anhydrase inhibition by 1-aroyl-3-(4-aminosulfonylphenyl)thioureas. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 901-905.	5.2	22
80	Therapeutic Potentials of Ectoâ€Nucleoside Triphosphate Diphosphohydrolase, Ectoâ€Nucleotide Pyrophosphatase/Phosphodiesterase, Ectoâ€5â€²â€Nucleotidase, and Alkaline Phosphatase Inhibitors. Medicinal Research Reviews, 2014, 34, 703-743.	10.5	90
81	Electronic structure and absorption spectra of 6-picoline Schiff base: A DFT and XRD based approach. Journal of Molecular Structure, 2013, 1050, 10-14.	3.6	14
82	Identification of novel chromone based sulfonamides as highly potent and selective inhibitors of alkaline phosphatases. European Journal of Medicinal Chemistry, 2013, 66, 438-449.	5.5	32
83	In-Silico Analysis of Chromone Containing Sulfonamide Derivatives as Human Carbonic Anhydrase Inhibitors. Medicinal Chemistry, 2013, 9, 608-616.	1.5	4
84	Chromone containing sulfonamides as potent carbonic anhydrase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 744-747.	5.2	42
85	Discovery of new chromone containing sulfonamides as potent inhibitors of bovine cytosolic carbonic anhydrase. Bioorganic and Medicinal Chemistry, 2011, 19, 3367-3371.	3.0	25
86	3-(6-Fluoro-4-oxo-4H-chromen-3-yl)-3,4-dihydro-2H-1,2,4-benzothiadiazine-1,1-dione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2707-o2707.	0.2	1
87	3-(6-Bromo-4-oxo-4H-chromen-3-yl)-3,4-dihydro-2H-1,2,4-benzothiadiazine-1,1-dione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3081-o3082.	0.2	0