

# Fazal Rahim

## List of Publications by Year in descending order

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145  
papers

4,970  
citations

61984

43  
h-index

123424

61  
g-index

148  
all docs

148  
docs citations

148  
times ranked

3104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, <i>in vitro</i> biological screening and docking study of benzo[d]oxazole bis Schiff base derivatives as a potent anti-Alzheimer agent. Journal of Biomolecular Structure and Dynamics, 2023, 41, 1649-1664.	3.5	9
2	Synthesis of new urease enzyme inhibitors as antiulcer drug and computational study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8232-8247.	3.5	3
3	Synthesis, <i>in vitro</i> thymidine phosphorylase activity and molecular docking study of thiadiazole bearing isatin analogs. Chemical Papers, 2022, 76, 213-224.	2.2	10
4	Synthesis of new 1,2-disubstituted benzimidazole analogs as potent inhibitors of $\beta$ -Glucuronidase and <i>in silico</i> study. Arabian Journal of Chemistry, 2022, 15, 103505.	4.9	5
5	<i>In vitro</i> $\alpha$ -glucosidase and $\alpha$ -amylase inhibitory potential and molecular docking studies of benzohydrazide based imines and thiazolidine-4-one derivatives. Journal of Molecular Structure, 2022, 1251, 132058.	3.6	34
6	New biologically dynamic hybrid pharmacophore triazinoindole-based-thiadiazole as potent $\alpha$ -glucosidase inhibitors: <i>In vitro</i> and <i>in silico</i> study. International Journal of Biological Macromolecules, 2022, 199, 77-85.	7.5	12
7	Dicyanoanilines as potential and dual inhibitors of $\alpha$ -amylase and $\alpha$ -glucosidase enzymes: Synthesis, characterization, <i>in vitro</i> , <i>in silico</i> , and kinetics studies. Arabian Journal of Chemistry, 2022, 15, 103651.	4.9	14
8	Synthesis of indole-based oxadiazoles and their interaction with bacterial peptidoglycan and SARS-CoV-2 main protease: <i>In vitro</i> , molecular docking and <i>in silico</i> ADME/Tox study. Journal of Saudi Chemical Society, 2022, 26, 101474.	5.2	5
9	Synthesis, <i>in vitro</i> evaluation, and molecular docking studies of benzofuran based hydrazone a new inhibitors of urease. Arabian Journal of Chemistry, 2022, 15, 103954.	4.9	2
10	Synthesis of triazinoindole bearing sulfonamide derivatives, <i>in vitro</i> $\alpha$ -amylase activity and their molecular docking study. Chemical Data Collections, 2022, 39, 100875.	2.3	11
11	Synthesis of Benzofuran based Schiff bases as anti-diabetic compounds and their molecular docking studies. Journal of Molecular Structure, 2022, 1265, 133287.	3.6	2
12	Synthesis and Evaluation of 6-Ethoxy-2-Mercaptobenzothiazole Scaffolds as Potential $\alpha$ -Glucosidase Inhibitors. ChemistrySelect, 2022, 7, .	1.5	0
13	Homozygous missense <i>WIP1</i> variants cause a congenital disorder of autophagy with neurodevelopmental impairments of variable clinical severity and disease course. Brain Communications, 2021, 3, fcb183.	3.3	10
14	Synthesis of indole-based-thiadiazole derivatives as a potent inhibitor of $\alpha$ -glucosidase enzyme along with <i>in silico</i> study. Bioorganic Chemistry, 2021, 108, 104638.	4.1	32
15	Evaluation and docking of indole sulfonamide as a potent inhibitor of $\alpha$ -glucosidase enzyme in streptozotocin induced diabetic albino wistar rats. Bioorganic Chemistry, 2021, 110, 104808.	4.1	20
16	Synthesis of benzimidazole derivatives as potent inhibitors for $\alpha$ -amylase and their molecular docking study in management of type-II diabetes. Journal of Molecular Structure, 2021, 1232, 130029.	3.6	19
17	Synthesis, characterization, biological evaluation, and kinetic study of indole base sulfonamide derivatives as acetylcholinesterase inhibitors in search of potent anti-Alzheimer agent. Journal of King Saud University - Science, 2021, 33, 101401.	3.5	19
18	2-Mercapto Benzoxazole Derivatives as Novel Leads: Urease Inhibition, <i>In Vitro</i> and <i>In Silico</i> Studies. ChemistrySelect, 2021, 6, 8490-8498.	1.5	2

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19	Synthesis, in vitro antiurease, in vivo antinematodal activity of quinoline analogs and their in-silico study. <i>Bioorganic Chemistry</i> , 2021, 115, 105199.	4.1	7
20	Exploring indole-based-thiadiazole derivatives as potent acetylcholinesterase and butyrylcholinesterase enzyme inhibitors. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 1025-1036.	7.5	20
21	Synthesis of indole derivatives as diabetics II inhibitors and enzymatic kinetics study of $\alpha$ -glucosidase and $\alpha$ -amylase along with their in-silico study. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 301-318.	7.5	23
22	Synthesis, in-vitro and in-silico studies of triazinoindole bearing bis-Schiff base as $\alpha$ -glucuronidase inhibitors. <i>Journal of Molecular Structure</i> , 2021, 1244, 131003.	3.6	25
23	Synthesis of substituted benzohydrazide derivatives: In vitro urease activities and their molecular docking studies. <i>Chemical Data Collections</i> , 2021, 36, 100778.	2.3	15
24	Synthesis, antiglycation and antioxidant potentials of benzimidazole derivatives. <i>Journal of King Saud University - Science</i> , 2020, 32, 191-194.	3.5	25
25	Synthesis, in vitro alpha-glucosidase inhibitory potential of benzimidazole bearing bis-Schiff bases and their molecular docking study. <i>Bioorganic Chemistry</i> , 2020, 94, 103394.	4.1	51
26	Synthesis, $\alpha$ -glycosidase inhibitory potential and molecular docking study of benzimidazole derivatives. <i>Bioorganic Chemistry</i> , 2020, 95, 103555.	4.1	32
27	Synthesis of Benzimidazole-Based Analogs as Anti Alzheimer's Disease Compounds and Their Molecular Docking Studies. <i>Molecules</i> , 2020, 25, 4828.	3.8	23
28	Isatin based thiosemicarbazide derivatives as potential inhibitor of $\alpha$ -glucosidase, synthesis and their molecular docking study. <i>Journal of Molecular Structure</i> , 2020, 1222, 128922.	3.6	25
29	Synthesis, in vitro urease inhibitory potential and molecular docking study of benzofuran-based-thiazolidinone analogues. <i>Scientific Reports</i> , 2020, 10, 10673.	3.3	33
30	Synthesis, in vitro alpha glucosidase, urease activities and molecular docking study of bis-indole bearing Schiff base analogs. <i>Chemical Data Collections</i> , 2020, 28, 100396.	2.3	29
31	Synthesis of diindolylmethane (DIM) bearing thiadiazole derivatives as a potent urease inhibitor. <i>Scientific Reports</i> , 2020, 10, 7969.	3.3	13
32	Inhibition potential of phenyl linked benzimidazole-triazolothiadiazole modular hybrids against $\alpha$ -glucuronidase and their interactions thereof. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 355-363.	7.5	9
33	Exploring efficacy of indole-based dual inhibitors for $\alpha$ -glucosidase and $\alpha$ -amylase enzymes: In silico, biochemical and kinetic studies. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 217-232.	7.5	26
34	Synthesis of indole based acetohydrazide analogs: Their in vitro and in silico thymidine phosphorylase studies. <i>Bioorganic Chemistry</i> , 2020, 98, 103745.	4.1	11
35	Aryl-oxadiazole Schiff bases: Synthesis, $\alpha$ -glucosidase in vitro inhibitory activity and their in silico studies. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4904-4915.	4.9	27
36	Synthesis of symmetrical bis-Schiff base-disulfide hybrids as highly effective anti-leishmanial agents. <i>Bioorganic Chemistry</i> , 2020, 99, 103819.	4.1	6

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37	Synthesis, In vitro $\alpha$ -Glucosidase Inhibitory Potential and Molecular Docking Studies of 2-Amino-1,3,4-Oxadiazole Derivatives. <i>Medicinal Chemistry</i> , 2020, 16, 724-734.	1.5	31
38	Synthesis, anti-leishmanial and molecular docking study of bis-indole derivatives. <i>BMC Chemistry</i> , 2019, 13, 102.	3.8	18
39	Synthesis, anticancer, molecular docking and QSAR studies of benzoylhydrazone. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 1168-1179.	5.2	11
40	Synthesis of quinoline derivatives as diabetic II inhibitors and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4081-4088.	3.0	45
41	Synthesis of new arylhydrazide bearing Schiff bases/thiazolidinone: $\alpha$ -Amylase, urease activities and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 91, 103112.	4.1	33
42	Design, synthesis, in vitro evaluation, molecular docking and ADME properties studies of hybrid bis-coumarin with thiadiazole as a new inhibitor of Urease. <i>Bioorganic Chemistry</i> , 2019, 92, 103235.	4.1	20
43	Synthesis of new isoquinoline-base-oxadiazole derivatives as potent inhibitors of thymidine phosphorylase and molecular docking study. <i>Scientific Reports</i> , 2019, 9, 16015.	3.3	9
44	Synthesis of Novel Triazinoindole-Based Thiourea Hybrid: A Study on $\alpha$ -Glucosidase Inhibitors and Their Molecular Docking. <i>Molecules</i> , 2019, 24, 3819.	3.8	18
45	Synthesis, $\alpha$ -amylase inhibition and molecular docking study of bisindolylmethane sulfonamide derivatives. <i>Medicinal Chemistry Research</i> , 2019, 28, 2010-2022.	2.4	14
46	New triazinoindole bearing thiazole/oxazole analogues: Synthesis, $\alpha$ -amylase inhibitory potential and molecular docking study. <i>Bioorganic Chemistry</i> , 2019, 92, 103284.	4.1	38
47	Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. <i>Bioorganic Chemistry</i> , 2019, 89, 102999.	4.1	8
48	Synthesis, in vitro urease inhibitory potential and molecular docking study of Benzimidazole analogues. <i>Bioorganic Chemistry</i> , 2019, 89, 103024.	4.1	45
49	Synthesis of oxadiazole-coupled-thiadiazole derivatives as a potent $\beta$ -glucuronidase inhibitors and their molecular docking study. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3145-3155.	3.0	13
50	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent $\beta$ -Glucuronidase Inhibitors. <i>Molecules</i> , 2019, 24, 1528.	3.8	5
51	Synthesis, Molecular Docking and $\beta$ -Glucuronidase Inhibitory Potential of Indole Base Oxadiazole Derivatives. <i>Molecules</i> , 2019, 24, 963.	3.8	17
52	A mutation in the major autophagy gene, WIPI2, associated with global developmental abnormalities. <i>Brain</i> , 2019, 142, 1242-1254.	7.6	28
53	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. <i>Molecules</i> , 2019, 24, 1002.	3.8	9
54	Thiazole Based Carbohydrazone Derivatives as $\alpha$ -Amylase Inhibitor and Their Molecular Docking Study. <i>Heteroatom Chemistry</i> , 2019, 2019, 1-8.	0.7	19

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55	Indole bearing thiadiazole analogs: synthesis, $\beta$ -glucuronidase inhibition and molecular docking study. BMC Chemistry, 2019, 13, 14.	3.8	10
56	Synthesis of benzothiazole derivatives as a potent $\beta$ -glucosidase inhibitor. Bioorganic Chemistry, 2019, 85, 33-48.	4.1	54
57	Synthesis of novel quinoline-based thiadiazole, evaluation of their antileishmanial potential and molecular docking studies. Bioorganic Chemistry, 2019, 85, 109-116.	4.1	25
58	Synthesis, molecular docking study and thymidine phosphorylase inhibitory activity of 3-formylcoumarin derivatives. Bioorganic Chemistry, 2018, 78, 17-23.	4.1	15
59	Synthesis, molecular docking study and in vitro thymidine phosphorylase inhibitory potential of oxadiazole derivatives. Bioorganic Chemistry, 2018, 78, 58-67.	4.1	33
60	Synthesis, $\beta$ -glucosidase inhibition and molecular docking study of coumarin based derivatives. Bioorganic Chemistry, 2018, 77, 586-592.	4.1	88
61	Synthesis: Small library of hybrid scaffolds of benzothiazole having hydrazone and evaluation of their $\beta$ -glucuronidase activity. Bioorganic Chemistry, 2018, 77, 47-55.	4.1	14
62	Synthesis and molecular docking study of piperazine derivatives as potent inhibitor of thymidine phosphorylase. Bioorganic Chemistry, 2018, 78, 324-331.	4.1	15
63	Synthesis, in vitro $\beta$ -glucosidase inhibitory potential and molecular docking study of thiadiazole analogs. Bioorganic Chemistry, 2018, 78, 201-209.	4.1	65
64	Synthesis of bis-indolylmethanes as new potential inhibitors of $\beta$ -glucuronidase and their molecular docking studies. European Journal of Medicinal Chemistry, 2018, 143, 1757-1767.	5.5	65
65	Bisindolylmethane thiosemicarbazides as potential inhibitors of urease: Synthesis and molecular modeling studies. Bioorganic and Medicinal Chemistry, 2018, 26, 152-160.	3.0	59
66	Oxindole based oxadiazole hybrid analogs: Novel $\beta$ -glucosidase inhibitors. Bioorganic Chemistry, 2018, 76, 273-280.	4.1	53
67	Synthesis, $\beta$ -amylase inhibitory potential and molecular docking study of indole derivatives. Bioorganic Chemistry, 2018, 80, 36-42.	4.1	50
68	Synthesis, SAR elucidations and molecular docking study of newly designed isatin based oxadiazole analogs as potent inhibitors of thymidine phosphorylase. Bioorganic Chemistry, 2018, 79, 323-333.	4.1	20
69	Synthesis of Bis-indolylmethane sulfonylhydrazides derivatives as potent $\beta$ -Glucosidase inhibitors. Bioorganic Chemistry, 2018, 80, 112-120.	4.1	49
70	Synthesis, structure-activity relationships studies of benzoxazinone derivatives as $\beta$ -chymotrypsin inhibitors. Bioorganic Chemistry, 2017, 70, 210-221.	4.1	18
71	Synthesis of alpha amylase inhibitors based on privileged indole scaffold. Bioorganic Chemistry, 2017, 72, 248-255.	4.1	75
72	Synthesis of indole analogs as potent $\beta$ -glucuronidase inhibitors. Bioorganic Chemistry, 2017, 72, 323-332.	4.1	20

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73	Synthesis, Characterization and Antibacterial Screening of Diorganotin(IV) Complexes Derived From 2-[(4-Dimethylamino-Benzylidene)Amino]Phenol. <i>Pharmaceutical Chemistry Journal</i> , 2017, 51, 115-118.	0.8	5
74	Biological properties of <i>Hertia cheirifolia</i> L. flower extracts and effect of the nopol on $\alpha$ -glucosidase. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 757-761.	7.5	11
75	Synthesis, molecular docking studies of hybrid benzimidazole as $\alpha$ -glucosidase inhibitor. <i>Bioorganic Chemistry</i> , 2017, 70, 184-191.	4.1	40
76	Synthesis and molecular modelling studies of phenyl linked oxadiazole-phenylhydrazone hybrids as potent antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1021-1033.	5.5	34
77	Synthesis of piperazine sulfonamide analogs as diabetic-II inhibitors and their molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 530-537.	5.5	37
78	3,4-Dimethoxybenzohydrazone derivatives as antiulcer: Molecular modeling and density functional studies. <i>Bioorganic Chemistry</i> , 2017, 75, 235-241.	4.1	7
79	Synthesis and in vitro study of benzofuran hydrazone derivatives as novel $\alpha$ -amylase inhibitor. <i>Bioorganic Chemistry</i> , 2017, 75, 78-85.	4.1	24
80	Synthesis, $\alpha$ -glucosidase inhibitory activity and in silico study of tris-indole hybrid scaffold with oxadiazole ring: As potential leads for the management of type-II diabetes mellitus. <i>Bioorganic Chemistry</i> , 2017, 74, 30-40.	4.1	72
81	Synthesis of Hydrazones from Amino Acids and their Antimicrobial and Cytotoxic Activities. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1079-1087.	1.4	0
82	Synthesis and study of the $\alpha$ -amylase inhibitory potential of thiadiazole quinoline derivatives. <i>Bioorganic Chemistry</i> , 2017, 74, 179-186.	4.1	80
83	Biology-oriented drug synthesis (BIODS) of 2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethyl aryl ether derivatives, in vitro $\alpha$ -amylase inhibitory activity and in silico studies. <i>Bioorganic Chemistry</i> , 2017, 74, 1-9.	4.1	75
84	Morpholine hydrazone scaffold: Synthesis, anticancer activity and docking studies. <i>Chinese Chemical Letters</i> , 2017, 28, 607-611.	9.0	18
85	Polymer-clay Nanocomposites, Preparations and Current Applications: A Review. <i>Current Nanomaterials</i> , 2016, 1, 83-95.	0.4	24
86	Synthesis of novel disulfide and sulfone hybrid scaffolds as potent $\beta$ -glucuronidase inhibitor. <i>Bioorganic Chemistry</i> , 2016, 68, 15-22.	4.1	10
87	Synthesis, <i>In vitro</i> and Docking Studies of New Flavone Ethers as $\alpha$ -Glucosidase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 87, 361-373.	3.2	63
88	Synthesis, molecular docking and $\alpha$ -glucosidase inhibition of 5-aryl-2-(6-nitrobenzofuran-2-yl)-1,3,4-oxadiazoles. <i>Bioorganic Chemistry</i> , 2016, 66, 117-123.	4.1	71
89	Synthesis of 2-acylated and sulfonated 4-hydroxycoumarins: In vitro urease inhibition and molecular docking studies. <i>Bioorganic Chemistry</i> , 2016, 66, 111-116.	4.1	60
90	Synthesis, $\beta$ -glucuronidase inhibition and molecular docking studies of hybrid bisindole-thiosemicarbazides analogs. <i>Bioorganic Chemistry</i> , 2016, 68, 56-63.	4.1	66

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91	In silico binding analysis and SAR elucidations of newly designed benzopyrazine analogs as potent inhibitors of thymidine phosphorylase. <i>Bioorganic Chemistry</i> , 2016, 68, 80-89.	4.1	12
92	Synthesis biological screening and molecular docking studies of some tin (IV) Schiff base adducts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 65-72.	3.8	32
93	Synthesis and in vitro acetylcholinesterase and butyrylcholinesterase inhibitory potential of hydrazone based Schiff bases. <i>Bioorganic Chemistry</i> , 2016, 68, 30-40.	4.1	82
94	Synthesis, Enzyme Inhibition, and Molecular Docking Studies of Hydrazones from Dichlorophenylacetic Acids. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 1015-1021.	1.4	2
95	Synthesis and biological evaluation of novel N-arylidenequinoline-3-carbohydrazides as potent $\beta$ -glucuronidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3696-3704.	3.0	58
96	Development of bis-thiobarbiturates as successful urease inhibitors and their molecular modeling studies. <i>Chinese Chemical Letters</i> , 2016, 27, 693-697.	9.0	53
97	Novel thiosemicarbazide-oxadiazole hybrids as unprecedented inhibitors of yeast $\alpha$ -glucosidase and in silico binding analysis. <i>RSC Advances</i> , 2016, 6, 33733-33742.	3.6	49
98	Hybrid benzothiazole analogs as antiurease agent: Synthesis and molecular docking studies. <i>Bioorganic Chemistry</i> , 2016, 66, 80-87.	4.1	51
99	Synthesis, $\alpha$ -glucosidase inhibitory, cytotoxicity and docking studies of 2-aryl-7-methylbenzimidazoles. <i>Bioorganic Chemistry</i> , 2016, 65, 100-109.	4.1	47
100	Synthesis of 6-chloro-2-Aryl-1H-imidazo[4,5-b]pyridine derivatives: Antidiabetic, antioxidant, $\beta$ -glucuronidase inhibitor and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2016, 65, 48-56.	4.1	45
101	Synthesis of novel inhibitors of $\beta$ -glucuronidase based on the benzothiazole skeleton and their molecular docking studies. <i>RSC Advances</i> , 2016, 6, 3003-3012.	3.6	46
102	Synthesis of 2-(2-methoxyphenyl)-5-phenyl-1,3,4-oxadiazole derivatives and evaluation of their antiglycation potential. <i>Medicinal Chemistry Research</i> , 2016, 25, 225-234.	2.4	20
103	The immunomodulation potential of the synthetic derivatives of benzothiazoles: Implications in immune system disorders through in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2016, 64, 21-28.	4.1	28
104	Benzimidazole derivatives as new $\alpha$ -glucosidase inhibitors and in silico studies. <i>Bioorganic Chemistry</i> , 2016, 64, 29-36.	4.1	75
105	Sulfonated Polyimide-Clay Thin Films for Energy Application. <i>Recent Patents on Nanotechnology</i> , 2016, 10, 221-230.	1.3	10
106	Whole-exome sequencing identifies a novel LRAT mutation underlying retinitis punctata albescens in a consanguineous Pakistani family. <i>Genes and Genomics</i> , 2015, 37, 845-849.	1.4	3
107	Synthesis of benzimidazole derivatives as potent $\beta$ -glucuronidase inhibitors. <i>Bioorganic Chemistry</i> , 2015, 61, 36-44.	4.1	48
108	Synthesis of novel derivatives of oxindole, their urease inhibition and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3285-3289.	2.2	79

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109	Synthesis, structural characterization and antibacterial studies of trisubstituted guanidines and their copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2015, 434, 7-13.	2.4	10
110	Novel quinoline derivatives as potent in vitro $\alpha$ -glucosidase inhibitors: in silico studies and SAR predictions. <i>MedChemComm</i> , 2015, 6, 1826-1836.	3.4	58
111	Synthesis, in vitro evaluation and molecular docking studies of thiazole derivatives as new inhibitors of $\alpha$ -glucosidase. <i>Bioorganic Chemistry</i> , 2015, 62, 15-21.	4.1	109
112	Isatin based Schiff bases as inhibitors of $\alpha$ -glucosidase: Synthesis, characterization, in vitro evaluation and molecular docking studies. <i>Bioorganic Chemistry</i> , 2015, 60, 42-48.	4.1	147
113	Novel 2,5-disubstituted-1,3,4-oxadiazoles with benzimidazole backbone: A new class of $\beta$ -glucuronidase inhibitors and in silico studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3119-3125.	3.0	60
114	Synthetic indole Mannich bases: Their ability to modulate in vitro cellular immunity. <i>Bioorganic Chemistry</i> , 2015, 60, 118-122.	4.1	10
115	Synthesis and evaluation of unsymmetrical heterocyclic thioureas as potent $\beta$ -glucuronidase inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 3166-3173.	2.4	40
116	Synthesis, in vitro evaluation and molecular docking studies of biscoumarin thiourea as a new inhibitor of $\alpha$ -glucosidases. <i>Bioorganic Chemistry</i> , 2015, 63, 36-44.	4.1	41
117	Synthesis of 4-thiazolidinone analogs as potent in vitro anti-urease agents. <i>Bioorganic Chemistry</i> , 2015, 63, 123-131.	4.1	85
118	Synthesis of potent urease inhibitors based on disulfide scaffold and their molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7211-7218.	3.0	23
119	Synthesis of novel benzohydrazone-oxadiazole hybrids as $\beta$ -glucuronidase inhibitors and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7394-7404.	3.0	42
120	Synthesis of novel flavone hydrazones: In-vitro evaluation of $\alpha$ -glucosidase inhibition, QSAR analysis and docking studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 156-170.	5.5	120
121	Synthesis, molecular docking, acetylcholinesterase and butyrylcholinesterase inhibitory potential of thiazole analogs as new inhibitors for Alzheimer disease. <i>Bioorganic Chemistry</i> , 2015, 62, 106-116.	4.1	114
122	Evaluation of 2-indolcarbohydrazones as potent $\alpha$ -glucosidase inhibitors, in silico studies and DFT based stereochemical predictions. <i>Bioorganic Chemistry</i> , 2015, 63, 24-35.	4.1	37
123	Triazinoindole analogs as potent inhibitors of $\alpha$ -glucosidase: Synthesis, biological evaluation and molecular docking studies. <i>Bioorganic Chemistry</i> , 2015, 58, 81-87.	4.1	126
124	Synthesis crystal structure of 2-methoxybenzoylhydrazones and evaluation of their $\alpha$ -glucosidase and urease inhibition potential. <i>Medicinal Chemistry Research</i> , 2015, 24, 1310-1324.	2.4	66
125	Sodium Bromate/Sodium Hydrogen Sulphite: A New Catalyst for the Synthesis of Quinoxaline Derivatives. <i>Letters in Organic Chemistry</i> , 2014, 11, 426-431.	0.5	2
126	Synthesis, characterization antibacterial and antifungal activity of some transition metal complexes. <i>Medicinal Chemistry Research</i> , 2014, 23, 2207-2211.	2.4	6



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127	Evaluation of bisindole as potent $\beta$ -glucuronidase inhibitors: Synthesis and in silico based studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1825-1829.	2.2	47
128	Synthesis and molecular docking studies of potent $\beta$ -glucosidase inhibitors based on biscoumarin skeleton. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 245-252.	5.5	128
129	Synthesis, spectral characterization, antibacterial and antitumor studies of some diorganotin(IV) complexes derived from 2-phenylmonomethylglutarate. <i>Inorganica Chimica Acta</i> , 2014, 423, 177-182.	2.4	7
130	Synthesis of novel derivatives of 4-methylbenzimidazole and evaluation of their biological activities. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 731-738.	5.5	69
131	2-(2-Pyridyl) benzimidazole derivatives and their urease inhibitory activity. <i>Medicinal Chemistry Research</i> , 2014, 23, 4447-4454.	2.4	49
132	Organotin (IV) based complexes as promiscuous antibacterials: Synthesis, in vitro, in silico pharmacokinetic and docking studies. <i>Journal of Organometallic Chemistry</i> , 2014, 767, 91-100.	1.8	11
133	Synthesis and structure-activity relationship of thiobarbituric acid derivatives as potent inhibitors of urease. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4119-4123.	3.0	43
134	Synthesis of Benzophenonehydrazone Schiff Bases and their In Vitro Antiglycating Activities. <i>Medicinal Chemistry</i> , 2013, 9, 588-595.	1.5	38
135	Oxindole Derivatives: Synthesis and Antiglycation Activity. <i>Medicinal Chemistry</i> , 2013, 9, 681-688.	1.5	35
136	An efficient synthesis of substituted bis(indolyl)methanes using sodium bromate and sodium hydrogen sulfite in water. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 81-83.	2.2	8
137	6-Nitrobenzimidazole derivatives: Potential phosphodiesterase inhibitors: Synthesis and structure-activity relationship. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1521-1526.	3.0	26
138	Acyldiazide Schiff Bases: DPPH Radical and Superoxide Anion Scavengers. <i>Medicinal Chemistry</i> , 2012, 8, 705-710.	1.5	36
139	Synthesis and $\beta$ -Glucuronidase Inhibitory Potential of Benzimidazole Derivatives. <i>Medicinal Chemistry</i> , 2012, 8, 421-427.	1.5	19
140	2,4,6-Trichlorophenylhydrazine Schiff Bases as DPPH Radical and Super Oxide Anion Scavengers. <i>Medicinal Chemistry</i> , 2012, 8, 452-461.	1.5	38
141	Synthesis of novel inhibitors of $\beta$ -glucuronidase based on benzothiazole skeleton and study of their binding affinity by molecular docking. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4286-4294.	3.0	91
142	Synthesis of 2,4,6-Trichlorophenyl Hydrazones and their Inhibitory Potential Against Glycation of Protein. <i>Medicinal Chemistry</i> , 2011, 7, 572-580.	1.5	33
143	Synthesis and in vitro Leishmanicidal Activity of Disulfide Derivatives. <i>Medicinal Chemistry</i> , 2011, 7, 704-710.	1.5	22
144	An Improved Method for the Synthesis of Disulfides by Periodic acid and Sodium Hydrogen Sulfite in Water. <i>Letters in Organic Chemistry</i> , 2010, 7, 415-419.	0.5	16

#	ARTICLE	IF	CITATIONS
145	Synthesis of Oxadiazole-Based-Thiourea, Evaluation of Their $\beta$ -Glucuronidase Inhibitory Potential, and Molecular Docking Study. Polycyclic Aromatic Compounds, 0, , 1-16.	2.6	0