Bahaa Elgendy

List of Publications by Year in descending order

51 papers	1,202 citations	430874 18 h-index	395702 33 g-index
57 all docs	57 docs citations	57 times ranked	1967 citing authors

#	Article	IF	Citations
1	Structure-based design and synthesis of conformationally constrained derivatives of methyl-piperidinopyrazole (MPP) with estrogen receptor (ER) antagonist activity. Bioorganic Chemistry, 2022, 119, 105554.	4.1	4
2	Synthesis and structure activity relationship of the first class of LXR inverse agonists. Bioorganic Chemistry, 2022, 119, 105540.	4.1	2
3	Identification of Novel Mitochondrial Pyruvate Carrier Inhibitors by Homology Modeling and Pharmacophore-Based Virtual Screening. Biomedicines, 2022, 10, 365.	3.2	8
4	Mitochondrial pyruvate carrier inhibitors improve metabolic parameters in diet-induced obese mice. Journal of Biological Chemistry, 2022, 298, 101554.	3.4	20
5	Emerging Role of Nuclear Receptors for the Treatment of NAFLD and NASH. Metabolites, 2022, 12, 238.	2.9	9
6	Antihyperlipidemic Activity of Gut-Restricted LXR Inverse Agonists. ACS Chemical Biology, 2022, , .	3.4	5
7	Novel synthesis of benzotriazolyl alkyl esters: an unprecedented CH₂ insertion. RSC Advances, 2021, 11, 7564-7569.	3.6	4
8	Enhancement for the fluorescent properties of new synthesized GFPs chromophore. Egyptian Journal of Chemistry, 2021, .	0.2	0
9	Design, Synthesis, and Antitumor Activity of Novel Dispiro[oxindole-cyclohexanone]-pyrrolidines. Current Pharmaceutical Design, 2021, 27, .	1.9	2
10	Potent antiplasmodial alkaloids from the rhizobacterium Pantoea agglomerans as hemozoin modulators. Bioorganic Chemistry, 2021, 115, 105215.	4.1	3
11	Structure-Based Design of Estrogen-Related Receptors Modulators. , 2021, , 79-109.		2
12	Recent Advances in the Medicinal Chemistry of Farnesoid X Receptor. Journal of Medicinal Chemistry, 2021, 64, 17545-17571.	6.4	27
13	REV-ERB agonism improves liver pathology in a mouse model of NASH. PLoS ONE, 2020, 15, e0236000.	2.5	16
14	Design and synthesis of novel pyrazolo[3,4-d]pyrimidin-4-one bearing quinoline scaffold as potent dual PDE5 inhibitors and apoptotic inducers for cancer therapy. Bioorganic Chemistry, 2020, 105, 104352.	4.1	10
15	Modulation of estrogen-related receptors subtype selectivity: Conversion of an ERRÎ²/Î³ selective agonist to ERRÎ±/Î²/Î³ pan agonists. Bioorganic Chemistry, 2020, 102, 104079.	4.1	10
16	Synthesis, assessment and corrosion protection investigations of some novel peptidomimetic cationic surfactants: Empirical and theoretical insights. Journal of Molecular Liquids, 2020, 315, 113672.	4.9	41
17	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on bumetanide scaffold. Bioorganic Chemistry, 2020, 100, 103878.	4.1	11
18	Catalyst-and organic solvent-free synthesis, structural, and theoretical studies of 1-arylidenamino-2,4-disubstituted-2-imidazoline-5-ones. Results in Chemistry, 2020, 2, 100042.	2.0	6

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19	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. European Journal of Medicinal Chemistry, 2020, 200, 112439.	5.5	40
20	Catalyst- and organic solvent-free synthesis of thioacids in water. Tetrahedron Letters, 2019, 60, 2018-2021.	1.4	10
21	Baclofen impurities: Facile synthesis and novel environmentally benign chromatographic method for their simultaneous determination in baclofen. Biomedical Chromatography, 2019, 33, e4579.	1.7	3
22	Synthesis and Characterization of Carbon Steel Corrosion Inhibitors Based on 4,5,6,7-tetrahydrobenzo[b]thiophene Scaffold. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 179-186.	1.1	14
23	Identification of novel small molecule inhibitors against the NS3/4A protease of hepatitis C virus genotype 4a. Current Pharmaceutical Design, 2019, 24, 4484-4491.	1.9	2
24	Development of novel liverâ€¯Xâ€¯receptor modulators based on a 1,2,4-triazole scaffold. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 449-453.	2.2	17
25	Synthesis and Evaluation of Troponoids as a New Class of Antibiotics. ACS Omega, 2018, 3, 15125-15133.	3.5	22
26	Identification of 4-isopropylâ€“thiotropolone as a novel anti-microbial: regioselective synthesis, NMR characterization, and biological evaluation. RSC Advances, 2018, 8, 29967-29975.	3.6	8
27	Recent Advances in the Medicinal Chemistry of Liver X Receptors. Journal of Medicinal Chemistry, 2018, 61, 10935-10956.	6.4	36
28	Stereoselective Synthesis, Structural and Spectroscopic Study of 4,5,11â€Triazatricyclo[6.2.1.0*2,6*]Undecâ€5â€ene. Journal of Heterocyclic Chemistry, 2016, 53, 1074-1080.	2.6	8
29	P450 3A-Catalyzed O-Dealkylation of Lapatinib Induces Mitochondrial Stress and Activates Nrf2. Chemical Research in Toxicology, 2016, 29, 784-796.	3.3	25
30	Antibacterial activity of diketopiperazines isolated from a marine fungus using t-butoxycarbonyl group as a simple tool for purification. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3125-3128.	2.2	27
31	Broad Anti-tumor Activity of a Small Molecule that Selectively Targets the Warburg Effect and Lipogenesis. Cancer Cell, 2015, 28, 42-56.	16.8	158
32	Investigation of adsorption and inhibition effects of some novel anil compounds towards mild steel in H2SO4 solution: Electrochemical and theoretical quantum studies. Journal of Electroanalytical Chemistry, 2015, 758, 135-147.	3.8	57
33	Pharmacological targeting of the mammalian clock regulates sleep architecture and emotional behaviour. Nature Communications, 2014, 5, 5759.	12.8	98
34	Pyrrolizines: Promising scaffolds for anticancer drugs. Bioorganic and Medicinal Chemistry, 2014, 22, 46-53.	3.0	44
35	Regioselective synthesis, stereochemical structure, spectroscopic characterization and geometry optimization of dispiro[3H-indole-3,2â€²-pyrrolidine-3â€²,3â€³-piperidines]. Journal of Molecular Structure, 2014, 1075, 327-334.	3.6	24
36	Small molecule amides as potent ROR-Î³ selective modulators. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 532-536.	2.2	28

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37	A Liver-Selective LXR Inverse Agonist That Suppresses Hepatic Steatosis. ACS Chemical Biology, 2013, 8, 559-567.	3.4	92
38	Î±â€Substitution Effects on the Ease of Sâ†'Nâ€Acyl Transfer in Aminothioesters. Chemical Biology and Drug Design, 2013, 81, 577-582.	3.2	9
39	Synthesis of Benzoxazines, Quinazolines and 4H-Benzo[e][1,3]thiazine by ANRORC Rearrangements of 1,2,4-Oxadiazoles. Synthesis, 2012, 2012, 547-550.	2.3	5
40	Synthesis of chiral Î±-amino acid-derived 1H-1,2,4-triazoles and 1,2,4-triazines. MedChemComm, 2012, 3, 52-55.	3.4	9
41	Efficient microwave-assisted synthesis of aminoxy acid conjugates. RSC Advances, 2011, 1, 602.	3.6	4
42	Cyclohexanol analogues are positive modulators of GABAA receptor currents and act as general anaesthetics in vivo. European Journal of Pharmacology, 2011, 667, 175-181.	3.5	8
43	Synthesis and photochemistry of pH-sensitive GFP chromophore analogs. Tetrahedron Letters, 2011, 52, 2224-2227.	1.4	14
44	Tautomerism in drug discovery. Journal of Computer-Aided Molecular Design, 2010, 24, 475-484.	2.9	127
45	¹H, ¹³C, and ¹⁵N NMR spectra of some pyridazine derivatives. Magnetic Resonance in Chemistry, 2010, 48, 397-402.	1.9	7
46	NMR Study of the Tautomeric Behavior of N-(Î±-Aminoalkyl)tetrazoles. Journal of Organic Chemistry, 2010, 75, 6468-6476.	3.2	30
47	Conformational equilibria and barriers to rotation in some novel nitroso derivatives of indolizines and 3- and 5-azaindolizines â€“ an NMR and molecular modeling study. Organic and Biomolecular Chemistry, 2010, 8, 3518.	2.8	7
48	Selective Synthesis and Structural Elucidation of S-Acyl- and N-Acylcysteines. Journal of Organic Chemistry, 2009, 74, 7165-7167.	3.2	38
49	Tautomerism of guanidines studied by 15N NMR: 2-hydrazono-3-phenylquinazolin-4(3H)-ones and related compounds. Organic and Biomolecular Chemistry, 2009, 7, 4110.	2.8	21
50	(Î±-Aminoacyl)amino-Substituted Heterocycles and Related Compounds. Journal of Organic Chemistry, 2008, 73, 5442-5445.	3.2	18
51	Benzotriazole-mediated alkoxyalkylation and acyloxyalkylation. Tetrahedron, 2007, 63, 6477-6484.	1.9	11