

# Bahaa Elgendy

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Broad Anti-tumor Activity of a Small Molecule that Selectively Targets the Warburg Effect and Lipogenesis. <i>Cancer Cell</i> , 2015, 28, 42-56.	16.8	158
2	Tautomerism in drug discovery. <i>Journal of Computer-Aided Molecular Design</i> , 2010, 24, 475-484.	2.9	127
3	Pharmacological targeting of the mammalian clock regulates sleep architecture and emotional behaviour. <i>Nature Communications</i> , 2014, 5, 5759.	12.8	98
4	A Liver-Selective LXR Inverse Agonist That Suppresses Hepatic Steatosis. <i>ACS Chemical Biology</i> , 2013, 8, 559-567.	3.4	92
5	Investigation of adsorption and inhibition effects of some novel anil compounds towards mild steel in H <sub>2</sub> SO <sub>4</sub> solution: Electrochemical and theoretical quantum studies. <i>Journal of Electroanalytical Chemistry</i> , 2015, 758, 135-147.	3.8	57
6	Pyrrrolizines: Promising scaffolds for anticancer drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 46-53.	3.0	44
7	Synthesis, assessment and corrosion protection investigations of some novel peptidomimetic cationic surfactants: Empirical and theoretical insights. <i>Journal of Molecular Liquids</i> , 2020, 315, 113672.	4.9	41
8	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112439.	5.5	40
9	Selective Synthesis and Structural Elucidation of <i>S</i> -Acyl- and <i>N</i> -Acylcysteines. <i>Journal of Organic Chemistry</i> , 2009, 74, 7165-7167.	3.2	38
10	Recent Advances in the Medicinal Chemistry of Liver X Receptors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10935-10956.	6.4	36
11	NMR Study of the Tautomeric Behavior of <i>N</i> -(1-±-Aminoalkyl)tetrazoles. <i>Journal of Organic Chemistry</i> , 2010, 75, 6468-6476.	3.2	30
12	Small molecule amides as potent ROR- $\beta$ selective modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 532-536.	2.2	28
13	Antibacterial activity of diketopiperazines isolated from a marine fungus using t-butoxycarbonyl group as a simple tool for purification. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3125-3128.	2.2	27
14	Recent Advances in the Medicinal Chemistry of Farnesoid X Receptor. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17545-17571.	6.4	27
15	P450 3A-Catalyzed O-Dealkylation of Lapatinib Induces Mitochondrial Stress and Activates Nrf2. <i>Chemical Research in Toxicology</i> , 2016, 29, 784-796.	3.3	25
16	Regioselective synthesis, stereochemical structure, spectroscopic characterization and geometry optimization of dispiro[3H-indole-3,2- $\epsilon^2$ -pyrrolidine-3,3- $\epsilon^3$ -piperidines]. <i>Journal of Molecular Structure</i> , 2014, 3, 6 1075, 327-334.	3.6	24
17	Synthesis and Evaluation of Troponoids as a New Class of Antibiotics. <i>ACS Omega</i> , 2018, 3, 15125-15133.	3.5	22
18	Tautomerism of guanidines studied by 15N NMR: 2-hydrazono-3-phenylquinazolin-4(3H)-ones and related compounds. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4110.	2.8	21

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19	Mitochondrial pyruvate carrier inhibitors improve metabolic parameters in diet-induced obese mice. <i>Journal of Biological Chemistry</i> , 2022, 298, 101554.	3.4	20
20	( $\pm$ -Aminoacyl)amino-Substituted Heterocycles and Related Compounds. <i>Journal of Organic Chemistry</i> , 2008, 73, 5442-5445.	3.2	18
21	Development of novel liver X $\alpha$ receptor modulators based on a 1,2,4-triazole scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 449-453.	2.2	17
22	REV-ERB agonism improves liver pathology in a mouse model of NASH. <i>PLoS ONE</i> , 2020, 15, e0236000.	2.5	16
23	Synthesis and photochemistry of pH-sensitive GFP chromophore analogs. <i>Tetrahedron Letters</i> , 2011, 52, 2224-2227.	1.4	14
24	Synthesis and Characterization of Carbon Steel Corrosion Inhibitors Based on 4,5,6,7-tetrahydrobenzo[b]thiophene Scaffold. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2019, 55, 179-186.	1.1	14
25	Benzotriazole-mediated alkoxyalkylation and acyloxyalkylation. <i>Tetrahedron</i> , 2007, 63, 6477-6484.	1.9	11
26	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on bumetanide scaffold. <i>Bioorganic Chemistry</i> , 2020, 100, 103878.	4.1	11
27	Catalyst- and organic solvent-free synthesis of thioacids in water. <i>Tetrahedron Letters</i> , 2019, 60, 2018-2021.	1.4	10
28	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. <i>Bioorganic Chemistry</i> , 2020, 105, 104352.	4.1	10
29	Modulation of estrogen-related receptors subtype selectivity: Conversion of an ERR $\alpha$ / $\beta$ selective agonist to ERR $\alpha$ / $\beta$ pan agonists. <i>Bioorganic Chemistry</i> , 2020, 102, 104079.	4.1	10
30	Synthesis of chiral $\pm$ -amino acid-derived 1H-1,2,4-triazoles and 1,2,4-triazines. <i>MedChemComm</i> , 2012, 3, 52-55.	3.4	9
31	$\pm$ -Substitution Effects on the Ease of S $\rightarrow$ N Acyl Transfer in Aminothioesters. <i>Chemical Biology and Drug Design</i> , 2013, 81, 577-582.	3.2	9
32	Emerging Role of Nuclear Receptors for the Treatment of NAFLD and NASH. <i>Metabolites</i> , 2022, 12, 238.	2.9	9
33	Cyclohexanol analogues are positive modulators of GABAA receptor currents and act as general anaesthetics in vivo. <i>European Journal of Pharmacology</i> , 2011, 667, 175-181.	3.5	8
34	Stereoselective Synthesis, Structural and Spectroscopic Study of 4,5,11-Triazatricyclo[6.2.1.0 <sup>2,6</sup> ]Undec-5-ene. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1074-1080.	2.6	8
35	Identification of 4-isopropylthiotropolone as a novel anti-microbial: regioselective synthesis, NMR characterization, and biological evaluation. <i>RSC Advances</i> , 2018, 8, 29967-29975.	3.6	8
36	Identification of Novel Mitochondrial Pyruvate Carrier Inhibitors by Homology Modeling and Pharmacophore-Based Virtual Screening. <i>Biomedicines</i> , 2022, 10, 365.	3.2	8

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37	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N NMR spectra of some pyridazine derivatives. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 397-402.	1.9	7
38	Conformational equilibria and barriers to rotation in some novel nitroso derivatives of indolizines and 3- and 5-azaindolizines – an NMR and molecular modeling study. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3518.	2.8	7
39	Catalyst-and organic solvent-free synthesis, structural, and theoretical studies of 1-arylidenamino-2,4-disubstituted-2-imidazoline-5-ones. <i>Results in Chemistry</i> , 2020, 2, 100042.	2.0	6
40	Synthesis of Benzoxazines, Quinazolines and 4H-Benzo[e][1,3]thiazine by ANRORC Rearrangements of 1,2,4-Oxadiazoles. <i>Synthesis</i> , 2012, 2012, 547-550.	2.3	5
41	Antihyperlipidemic Activity of Gut-Restricted LXR Inverse Agonists. <i>ACS Chemical Biology</i> , 2022, , .	3.4	5
42	Efficient microwave-assisted synthesis of aminoxy acid conjugates. <i>RSC Advances</i> , 2011, 1, 602.	3.6	4
43	Novel synthesis of benzotriazolyl alkyl esters: an unprecedented CH <sub>2</sub> insertion. <i>RSC Advances</i> , 2021, 11, 7564-7569.	3.6	4
44	Structure-based design and synthesis of conformationally constrained derivatives of methyl-piperidinopyrazole (MPP) with estrogen receptor (ER) antagonist activity. <i>Bioorganic Chemistry</i> , 2022, 119, 105554.	4.1	4
45	Baclofen impurities: Facile synthesis and novel environmentally benign chromatographic method for their simultaneous determination in baclofen. <i>Biomedical Chromatography</i> , 2019, 33, e4579.	1.7	3
46	Potent antiplasmodial alkaloids from the rhizobacterium <i>Pantoea agglomerans</i> as hemozoin modulators. <i>Bioorganic Chemistry</i> , 2021, 115, 105215.	4.1	3
47	Identification of novel small molecule inhibitors against the NS3/4A protease of hepatitis C virus genotype 4a. <i>Current Pharmaceutical Design</i> , 2019, 24, 4484-4491.	1.9	2
48	Design, Synthesis, and Antitumor Activity of Novel Dispiro[oxindole-cyclohexanone]-pyrrolidines. <i>Current Pharmaceutical Design</i> , 2021, 27, .	1.9	2
49	Structure-Based Design of Estrogen-Related Receptors Modulators. , 2021, , 79-109.		2
50	Synthesis and structure activity relationship of the first class of LXR inverse agonists. <i>Bioorganic Chemistry</i> , 2022, 119, 105540.	4.1	2
51	Enhancement for the fluorescent properties of new synthesized GFPs chromophore. <i>Egyptian Journal of Chemistry</i> , 2021, .	0.2	0