Michael J C Buckle

List of Publications by Year
in descending order

23	695	516215 16	610482 24
papers	citations	h-index	g-index

25	25	25	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analogues of 2â€²-hydroxychalcone with modified C4-substituents as the inhibitors against human acetylcholinesterase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 130-137.	2.5	7
2	In vitro functional evaluation of isolaureline, dicentrine and glaucine enantiomers at 5â€HT₂ and Î±₁ receptors. Chemical Biology and Drug Design, 2019, 93, 132-138.	1.5	12
3	2-Aryl-3-(arylideneamino)-1,2-dihydroquinazoline-4(3H)-ones as inhibitors of cholinesterases and self-induced Î²-amyloid (AÎ²) aggregation: biological evaluations and mechanistic insights from molecular dynamics simulations. RSC Advances, 2018, 8, 7818-7831.	1.7	6
4	Synthesis and evaluation of nuciferine and roemerine enantiomers as 5-HT₂ and Î±₁ receptor antagonists. MedChemComm, 2018, 9, 576-582.	3.5	12
5	Phosphodiesterase-5 inhibitors and their analogues as adulterants of herbal and food products: analysis of the Malaysian market, 2014â€“16. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1101-1109.	1.1	24
6	Synthesis, Biological Evaluation and Molecular Modelling of 2â€²-Hydroxychalcones as Acetylcholinesterase Inhibitors. Molecules, 2016, 21, 955.	1.7	24
7	In Silico and In Vitro Analysis of Bacoside A Aglycones and Its Derivatives as the Constituents Responsible for the Cognitive Effects of Bacopa monnieri. PLoS ONE, 2015, 10, e0126565.	1.1	60
8	Model studies on construction of the oxabicyclic [3.3.1] core of the mulberry Dielsâ€“Alder adducts morusalbanol A and 441772-64-1. Tetrahedron Letters, 2015, 56, 5082-5085.	0.7	5
9	Flavonoids with M1 Muscarinic Acetylcholine Receptor Binding Activity. Molecules, 2014, 19, 8933-8948.	1.7	19
10	Toward activated homology models of the human M1 muscarinic acetylcholine receptor. Journal of Molecular Graphics and Modelling, 2014, 49, 91-98.	1.3	13
11	Structureâ€Based Identification of Aporphines with Selective 5â€HT_{2A} Receptorâ€Binding Activity. Chemical Biology and Drug Design, 2013, 81, 250-256.	1.5	25
12	Induction of selective cytotoxicity and apoptosis in human T4-lymphoblastoid cell line (CEMss) by boesenbergin a isolated from boesenbergia rotunda rhizomes involves mitochondrial pathway, activation of caspase 3 and G2/M phase cell cycle arrest. BMC Complementary and Alternative Medicine, 2013, 13, 41.	3.7	35
13	Rational Discovery of Dengue Type 2 Nonâ€Competitive Inhibitors. Chemical Biology and Drug Design, 2013, 82, 1-11.	1.5	38
14	Homology modeling of the human 5-HT1A, 5-HT2A, D1, and D2 receptors: model refinement with molecular dynamics simulations and docking evaluation. Journal of Molecular Modeling, 2012, 18, 3639-3655.	0.8	26
15	Synthesis, Characterization, X-ray Crystallography, Acetyl Cholinesterase Inhibition and Antioxidant Activities of Some Novel Ketone Derivatives of Gallic Hydrazide-Derived Schiff Bases. Molecules, 2012, 17, 2408-2427.	1.7	30
16	Synthesis, Characterization, Acetylcholinesterase Inhibition, Molecular Modeling and Antioxidant Activities of Some Novel Schiff Bases Derived from 1-(2-Ketoiminoethyl)piperazines. Molecules, 2011, 16, 9316-9330.	1.7	16
17	Synthesis of (Â±)-kuwanon V and (Â±)-dorsterone methyl ethers via Dielsâ€“Alder reaction. Tetrahedron Letters, 2011, 52, 1797-1799.	0.7	32
18	An efficient one-pot synthesis of flavones. Tetrahedron Letters, 2011, 52, 3120-3123.	0.7	30

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19	An efficient synthesis of (Â±)-panduratin A and (Â±)-isopanduratin A, inhibitors of dengue-2 viral activity. Tetrahedron Letters, 2010, 51, 495-498.	0.7	36
20	Antimicrobial screening of plants used for traditional medicine in the state of Perak, Peninsular Malaysia. FÃ¬toterapÃ¬Ã¢, 2004, 75, 68-73.	1.1	118
21	Accurate determinations of the extent to which the SE2? reactions of allyl-, allenyl- and propargylsilanes are stereospecifically anti. Organic and Biomolecular Chemistry, 2004, 2, 749.	1.5	48
22	Accurate determination of the extent to which the SE2â€² reactions of an allenylsilane are stereospecifically anti. Tetrahedron Letters, 1993, 34, 2383-2386.	0.7	40
23	Accurate determination of the extent to which an SE2â€² reaction of an allylsilane is anti. Tetrahedron Letters, 1992, 33, 4479-4482.	0.7	38