

Tristan Rawling

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

808
citations

16
h-index

27
g-index

52
ext. papers

949
ext. citations

5.7
avg, IF

3.98
L-index

#	Paper	IF	Citations
48	Factors affecting internal standard selection for quantitative elemental bio-imaging of soft tissues by LA-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 1494	3.7	82
47	Ruthenium phthalocyanine and naphthalocyanine complexes: Synthesis, properties and applications. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 1128-1157	23.2	81
46	Quantification method for elemental bio-imaging by LA-ICP-MS using metal spiked PMMA films. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 722	3.7	60
45	Ruthenium phthalocyanine-bipyridyl dyads as sensitizers for dye-sensitized solar cells: dye coverage versus molecular efficiency. <i>Inorganic Chemistry</i> , 2009 , 48, 3215-27	5.1	49
44	Selective inhibition of human solute carrier transporters by multikinase inhibitors. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1851-7	4	46
43	Optical and redox properties of ruthenium phthalocyanine complexes tuned with axial ligand substituents. <i>Inorganic Chemistry</i> , 2007 , 46, 2805-13	5.1	45
42	Anti-tumor activities of lipids and lipid analogues and their development as potential anticancer drugs. <i>Pharmacology & Therapeutics</i> , 2015 , 150, 109-28	13.9	42
41	Role of human CYP3A4 in the biotransformation of sorafenib to its major oxidized metabolites. <i>Biochemical Pharmacology</i> , 2012 , 84, 215-23	6	41
40	Cell-derived microparticles: new targets in the therapeutic management of disease. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013 , 16, 238-53	3.4	33
39	Antiproliferative and antimigratory actions of synthetic long chain n-3 monounsaturated fatty acids in breast cancer cells that overexpress cyclooxygenase-2. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 7163-72	8.3	25
38	Synthetic Ω epoxyfatty acids as antiproliferative and pro-apoptotic agents in human breast cancer cells. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7459-64	8.3	24
37	A novel synthetic analogue of Ω 17,18-epoxyeicosatetraenoic acid activates TNF receptor-1/ASK1/JNK signaling to promote apoptosis in human breast cancer cells. <i>FASEB Journal</i> , 2017 , 31, 5246-5257	0.9	23
36	Synthesis and Characterization of Novel Acyl-Glycine Inhibitors of GlyT2. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 1949-1959	5.7	19
35	Synthesis of unsymmetrical biaryl ureas from N-carbamoylimidazoles: kinetics and application. <i>Tetrahedron</i> , 2012 , 68, 6065-6070	2.4	17
34	Perylene dye photodegradation due to ketones and singlet oxygen. <i>Dyes and Pigments</i> , 2010 , 84, 59-61	4.6	16
33	Nanoemulsion-Enabled Oral Delivery of Novel Anticancer Ω Fatty Acid Derivatives. <i>Nanomaterials</i> , 2018 , 8,	5.4	16
32	Development of an N-Acyl Amino Acid That Selectively Inhibits the Glycine Transporter 2 To Produce Analgesia in a Rat Model of Chronic Pain. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2466-2484	8.3	15

31	Cytochrome P450-Mediated Biotransformation of Sorafenib and Its N-Oxide Metabolite: Implications for Cell Viability and Human Toxicity. <i>Chemical Research in Toxicology</i> , 2015 , 28, 92-102	4	15
30	Synthesis, electrochemistry and spectroscopic properties of ruthenium phthalocyanine and naphthalocyanine complexes with triphenylarsine ligands. <i>Inorganica Chimica Acta</i> , 2008 , 361, 49-55	2.7	15
29	Identification of an allosteric binding site on the human glycine transporter, GlyT2, for bioactive lipid analgesics. <i>ELife</i> , 2019 , 8,	8.9	15
28	A Novel Arylurea Fatty Acid That Targets the Mitochondrion and Depletes Cardiolipin To Promote Killing of Breast Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8661-8666	8.3	14
27	l-3,4-dihydroxyphenylalanine (l-DOPA) modulates brain iron, dopaminergic neurodegeneration and motor dysfunction in iron overload and mutant alpha-synuclein mouse models of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2019 , 150, 88-106	6	13
26	Convenient Synthesis and Purification of [Bu4N]2[Ru(4-carboxy-4-carboxylate-2,2'-bipyridine)2(NCS)2]: a Landmark DSC Dye. <i>Australian Journal of Chemistry</i> , 2008 , 61, 405	1.2	11
25	Lipid analogues as potential drugs for the regulation of mitochondrial cell death. <i>British Journal of Pharmacology</i> , 2014 , 171, 2051-66	8.6	10
24	Aryl urea substituted fatty acids: a new class of protonophoric mitochondrial uncoupler that utilises a synthetic anion transporter. <i>Chemical Science</i> , 2020 , 11, 12677-12685	9.4	8
23	Differential effects of hepatic cirrhosis on the intrinsic clearances of sorafenib and imatinib by CYPs in human liver. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 114, 55-63	5.1	8
22	Activity of novel lipid glycine transporter inhibitors on synaptic signalling in the dorsal horn of the spinal cord. <i>British Journal of Pharmacology</i> , 2018 , 175, 2337-2347	8.6	7
21	Thin films of ruthenium phthalocyanine complexes. <i>Nano Research</i> , 2009 , 2, 678-687	10	7
20	Sorafenib N-Oxide Is an Inhibitor of Human Hepatic CYP3A4. <i>AAPS Journal</i> , 2019 , 21, 15	3.7	7
19	Facile and stereoselective synthesis of (Z)-15-octadecenoic acid and (Z)-16-nonadecenoic acid: monounsaturated omega-3 fatty acids. <i>Lipids</i> , 2010 , 45, 159-65	1.6	6
18	Antiproliferative activities of alkaloid-like compounds. <i>MedChemComm</i> , 2017 , 8, 2105-2114	5	5
17	Photoswitchable ORG25543 Congener Enables Optical Control of Glycine Transporter 2. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1250-1258	5.7	4
16	Anti-proliferative actions of NSdesmethylsorafenib in human breast cancer cells. <i>Biochemical Pharmacology</i> , 2013 , 86, 419-27	6	4
15	Aryl-urea fatty acids that activate the p38 MAP kinase and down-regulate multiple cyclins decrease the viability of MDA-MB-231 breast cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 129, 87-98	5.1	4
14	Identification of N-acyl amino acids that are positive allosteric modulators of glycine receptors. <i>Biochemical Pharmacology</i> , 2020 , 180, 114117	6	3

13	Carboxylate Analogues of Aryl-Urea-Substituted Fatty Acids That Target the Mitochondria in MDA-MB-231 Breast Cancer Cells to Promote Cell Death. <i>ChemMedChem</i> , 2018 , 13, 1036-1043	3.7	3
12	Antiproliferative activities of tricyclic amides derived from Ecaryophyllene the Ritter reaction against MDA-MB-231 breast cancer cells. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 118-124	3.5	3
11	Mitochondrial uncoupler SHC517 reverses obesity in mice without affecting food intake. <i>Metabolism: Clinical and Experimental</i> , 2021 , 117, 154724	12.7	3
10	The allosteric inhibition of glycine transporter 2 by bioactive lipid analgesics is controlled by penetration into a deep lipid cavity. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100282	5.4	2
9	Inhibition of Hepatic CYP2D6 by the Active N-Oxide Metabolite of Sorafenib. <i>AAPS Journal</i> , 2019 , 21, 107	3.7	1
8	Liquid Chromatography-Tandem Mass Spectrometry Assay Suitable for Quantifying Omega-3 Epoxy-Fatty Acid Analogs in Mouse Brain and Plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015 , 38, 891-897	1.3	1
7	Thin films of a dimeric ruthenium phthalocyanine complex on gold. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 208-210	3.1	1
6	Omega-3 Polyunsaturated Fatty Acid Derived Lipid Mediators and their Application in Drug Discovery. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1670-1689	4.3	1
5	Carbon Chain Length Modulates MDA-MB-231 Breast Cancer Cell Killing Mechanisms by Mitochondrially Targeted Aryl-Urea Fatty Acids. <i>ChemMedChem</i> , 2020 , 15, 247-255	3.7	1
4	Expansion of the structure-activity relationship of branched chain fatty acids: Effect of unsaturation and branching group size on anticancer activity. <i>Chemistry and Physics of Lipids</i> , 2020 , 232, 104952	3.7	1
3	Differential inhibition of human CYP2C8 and molecular docking interactions elicited by sorafenib and its major N-oxide metabolite. <i>Chemico-Biological Interactions</i> , 2021 , 338, 109401	5	1
2	The aryl-ureido fatty acid CTU activates endoplasmic reticulum stress and PERK/NOXA-mediated apoptosis in tumor cells by a dual mitochondrial-targeting mechanism. <i>Cancer Letters</i> , 2021 , 526, 131-141	9.9	0
1	PTU, a novel ureido-fatty acid, inhibits MDA-MB-231 cell invasion and dissemination by modulating Wnt5a secretion and cytoskeletal signaling. <i>Biochemical Pharmacology</i> , 2021 , 192, 114726	6	