Tristan Rawling

List of Publications by Year in Descending Order

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	The aryl-ureido fatty acid CTU activates endoplasmic reticulum stress and PERK/NOXA-mediated apoptosis in tumor cells by a dual mitochondrial-targeting mechanism. *Cancer Letters*, **2021**, 526, 131-141	9.9	0
47	Differential inhibition of human CYP2C8 and molecular docking interactions elicited by sorafenib and its major N-oxide metabolite. *Chemico-Biological Interactions*, **2021**, 338, 109401	5	1
46	Mitochondrial uncoupler SHC517 reverses obesity in mice without affecting food intake. *Metabolism: Clinical and Experimental*, **2021**, 117, 154724	12.7	3
45	The allosteric inhibition of glycine transporter 2 by bioactive lipid analgesics is controlled by penetration into a deep lipid cavity. *Journal of Biological Chemistry*, **2021**, 296, 100282	5.4	2
44	PTU, a novel ureido-fatty acid, inhibits MDA-MB-231 cell invasion and dissemination by modulating Wnt5a secretion and cytoskeletal signaling. *Biochemical Pharmacology*, **2021**, 192, 114726	6	
43	Photoswitchable ORG25543 Congener Enables Optical Control of Glycine Transporter 2. *ACS Chemical Neuroscience*, **2020**, 11, 1250-1258	5.7	4
42	Identification of N-acyl amino acids that are positive allosteric modulators of glycine receptors. *Biochemical Pharmacology*, **2020**, 180, 114117	6	3
41	Omega-3 Polyunsaturated Fatty Acid Derived Lipid Mediators and their Application in Drug Discovery. *Current Medicinal Chemistry*, **2020**, 27, 1670-1689	4.3	1
40	Antiproliferative activities of tricyclic amides derived from β-caryophyllene the Ritter reaction against MDA-MB-231 breast cancer cells. *RSC Medicinal Chemistry*, **2020**, 11, 118-124	3.5	3
39	Carbon Chain Length Modulates MDA-MB-231 Breast Cancer Cell Killing Mechanisms by Mitochondrially Targeted Aryl-Urea Fatty Acids. *ChemMedChem*, **2020**, 15, 247-255	3.7	1
38	Expansion of the structure-activity relationship of branched chain fatty acids: Effect of unsaturation and branching group size on anticancer activity. *Chemistry and Physics of Lipids*, **2020**, 232, 104952	3.7	1
37	Aryl urea substituted fatty acids: a new class of protonophoric mitochondrial uncoupler that utilises a synthetic anion transporter. *Chemical Science*, **2020**, 11, 12677-12685	9.4	8
36	Inhibition of Hepatic CYP2D6 by the Active N-Oxide Metabolite of Sorafenib. *AAPS Journal*, **2019**, 21, 107	3.7	1
35	Development of an N-Acyl Amino Acid That Selectively Inhibits the Glycine Transporter 2 To Produce Analgesia in a Rat Model of Chronic Pain. *Journal of Medicinal Chemistry*, **2019**, 62, 2466-2484	8.3	15
34	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. *Journal of Neurochemistry*, **2019**, 150, 88-106	6	13
33	Identification of an allosteric binding site on the human glycine transporter, GlyT2, for bioactive lipid analgesics. *ELife*, **2019**, 8,	8.9	15
32	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. *European Journal of Pharmaceutical Sciences*, **2019**, 129, 87-98	5.1	4

31	Sorafenib N-Oxide Is an Inhibitor of Human Hepatic CYP3A4. *AAPS Journal*, **2019**, 21, 15	3.7	7
30	Activity of novel lipid glycine transporter inhibitors on synaptic signalling in the dorsal horn of the spinal cord. *British Journal of Pharmacology*, **2018**, 175, 2337-2347	8.6	7
29	Carboxylate Analogues of Aryl-Urea-Substituted Fatty Acids That Target the Mitochondria in MDA-MB-231 Breast Cancer Cells to Promote Cell Death. *ChemMedChem*, **2018**, 13, 1036-1043	3.7	3
28	Differential effects of hepatic cirrhosis on the intrinsic clearances of sorafenib and imatinib by CYPs in human liver. *European Journal of Pharmaceutical Sciences*, **2018**, 114, 55-63	5.1	8
27	Nanoemulsion-Enabled Oral Delivery of Novel Anticancer EB Fatty Acid Derivatives. *Nanomaterials* , **2018**, 8,	5.4	16
26	A Novel Arylurea Fatty Acid That Targets the Mitochondrion and Depletes Cardiolipin To Promote Killing of Breast Cancer Cells. *Journal of Medicinal Chemistry*, **2017**, 60, 8661-8666	8.3	14
25	Synthesis and Characterization of Novel Acyl-Glycine Inhibitors of GlyT2. *ACS Chemical Neuroscience* , **2017**, 8, 1949-1959	5.7	19
24	A novel synthetic analogue of EB 17,18-epoxyeicosatetraenoic acid activates TNF receptor-1/ASK1/JNK signaling to promote apoptosis in human breast cancer cells. *FASEB Journal*, **2017**, 31, 5246-5257	0.9	23
23	Antiproliferative activities of alkaloid-like compounds. *MedChemComm*, **2017**, 8, 2105-2114	5	5
22	Liquid Chromatography-Tandem Mass Spectrometry Assay Suitable for Quantifying Omega-3 Epoxy-Fatty Acid Analogs in Mouse Brain and Plasma. *Journal of Liquid Chromatography and Related Technologies*, **2015**, 38, 891-897	1.3	1
21	Cytochrome P450-Mediated Biotransformation of Sorafenib and Its N-Oxide Metabolite: Implications for Cell Viability and Human Toxicity. *Chemical Research in Toxicology*, **2015**, 28, 92-102	4	15
20	Anti-tumor activities of lipids and lipid analogues and their development as potential anticancer drugs. *Pharmacology & Therapeutics*, **2015**, 150, 109-28	13.9	42
19	Selective inhibition of human solute carrier transporters by multikinase inhibitors. *Drug Metabolism and Disposition*, **2014**, 42, 1851-7	4	46
18	Synthetic EB epoxyfatty acids as antiproliferative and pro-apoptotic agents in human breast cancer cells. *Journal of Medicinal Chemistry*, **2014**, 57, 7459-64	8.3	24
17	Lipid analogues as potential drugs for the regulation of mitochondrial cell death. *British Journal of Pharmacology*, **2014**, 171, 2051-66	8.6	10
16	Anti-proliferative actions of NSdesmethylsorafenib in human breast cancer cells. *Biochemical Pharmacology*, **2013**, 86, 419-27	6	4
15	Cell-derived microparticles: new targets in the therapeutic management of disease. *Journal of Pharmacy and Pharmaceutical Sciences*, **2013**, 16, 238-53	3.4	33
14	Role of human CYP3A4 in the biotransformation of sorafenib to its major oxidized metabolites. *Biochemical Pharmacology*, **2012**, 84, 215-23	6	41

13	Antiproliferative and antimigratory actions of synthetic long chain n-3 monounsaturated fatty acids in breast cancer cells that overexpress cyclooxygenase-2. *Journal of Medicinal Chemistry*, **2012**, 55, 7163-72	8.3	25
12	Synthesis of unsymmetrical biaryl ureas from N-carbamoylimidazoles: kinetics and application. *Tetrahedron*, **2012**, 68, 6065-6070	2.4	17
11	Factors affecting internal standard selection for quantitative elemental bio-imaging of soft tissues by LA-ICP-MS. *Journal of Analytical Atomic Spectrometry*, **2011**, 26, 1494	3.7	82
10	Quantification method for elemental bio-imaging by LA-ICP-MS using metal spiked PMMA films. *Journal of Analytical Atomic Spectrometry*, **2010**, 25, 722	3.7	60
9	Facile and stereoselective synthesis of (Z)-15-octadecenoic acid and (Z)-16-nonadecenoic acid: monounsaturated omega-3 fatty acids. *Lipids*, **2010**, 45, 159-65	1.6	6
8	Perylene dye photodegradation due to ketones and singlet oxygen. *Dyes and Pigments*, **2010**, 84, 59-61	4.6	16
7	Thin films of a dimeric ruthenium phthalocyanine complex on gold. *Inorganic Chemistry Communication*, **2010**, 13, 208-210	3.1	1
6	Thin films of ruthenium phthalocyanine complexes. *Nano Research*, **2009**, 2, 678-687	10	7
5	Ruthenium phthalocyanine-bipyridyl dyads as sensitizers for dye-sensitized solar cells: dye coverage versus molecular efficiency. *Inorganic Chemistry*, **2009**, 48, 3215-27	5.1	49
4	Convenient Synthesis and Purification of [Bu4N]2[Ru(4-carboxy-4-carboxylate-2,2?-bipyridine)2(NCS)2]: a Landmark DSC Dye. *Australian Journal of Chemistry*, **2008**, 61, 405	1.2	11
3	Synthesis, electrochemistry and spectroscopic properties of ruthenium phthalocyanine and naphthalocyanine complexes with triphenylarsine ligands. *Inorganica Chimica Acta*, **2008**, 361, 49-55	2.7	15
2	Ruthenium phthalocyanine and naphthalocyanine complexes: Synthesis, properties and applications. *Coordination Chemistry Reviews*, **2007**, 251, 1128-1157	23.2	81
1	Optical and redox properties of ruthenium phthalocyanine complexes tuned with axial ligand substituents. *Inorganic Chemistry*, **2007**, 46, 2805-13	5.1	45