Niamh M O boyle

List of Publications by Year in Descending Order

31 papers	709 citations	17 h-index	26 g-index
35 ext. papers	889 ext. citations	4.9 avg, IF	4.72 L-index

#	Paper	IF	Citations
31	Nature-derived epoxy resins: Synthesis, allergenicity, and thermosetting properties of pinoresinol diglycidyl ether.. *Toxicology and Industrial Health*, **2022**, 7482337221089595	1.8	0
30	Synthesis and Antiproliferative Evaluation of 3-Chloroazetidin-2-ones with Antimitotic Activity: Heterocyclic Bridged Analogues of Combretastatin A-4. *Pharmaceuticals*, **2021**, 14,	5.2	1
29	Skin lipids in health and disease: A review. *Chemistry and Physics of Lipids*, **2021**, 236, 105055	3.7	17
28	Synthesis and Biological Evaluation of 1-(Diarylmethyl)-1-1,2,4-triazoles and 1-(Diarylmethyl)-1-imidazoles as a Novel Class of Anti-Mitotic Agent for Activity in Breast Cancer. *Pharmaceuticals*, **2021**, 14,	5.2	2
27	-Lactams with antiproliferative and antiapoptotic activity in breast and chemoresistant colon cancer cells. *European Journal of Medicinal Chemistry*, **2020**, 189, 112050	6.8	16
26	Colchicine-Binding Site Inhibitors from Chemistry to Clinic: A Review. *Pharmaceuticals*, **2020**, 13,	5.2	79
25	Azetidin-2-ones: structures of anti-mitotic compounds based on the 1-(3,4,5-tri-meth-oxy-phen-yl)azetidin-2-one core. *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1187-1194	0.7	0
24	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. *Pharmaceuticals*, **2020**, 13,	5.2	4
23	Synthesis and evaluation of antiproliferative microtubule-destabilising combretastatin A-4 piperazine conjugates. *Organic and Biomolecular Chemistry*, **2019**, 17, 6184-6200	3.9	8
22	3-Vinylazetidin-2-Ones: Synthesis, Antiproliferative and Tubulin Destabilizing Activity in MCF-7 and MDA-MB-231 Breast Cancer Cells. *Pharmaceuticals*, **2019**, 12,	5.2	5
21	Involvement of NF-B in mediating the anti-tumour effects of combretastatins in T cells. *Investigational New Drugs*, **2018**, 36, 523-535	4.3	3
20	Lead Optimization of Benzoxepin-Type Selective Estrogen Receptor (ER) Modulators and Downregulators with Subtype-Specific ER and ER Activity. *Journal of Medicinal Chemistry*, **2018**, 61, 514-534	8.3	20
19	-Lactam analogues of combretastatin A-4 prevent metabolic inactivation by glucuronidation in chemoresistant HT-29 colon cancer cells. *European Journal of Medicinal Chemistry*, **2017**, 130, 261-285	6.8	25
18	Piperlongumine (piplartine) and analogues: Antiproliferative microtubule-destabilising agents. *European Journal of Medicinal Chemistry*, **2017**, 125, 453-463	6.8	26
17	Synthesis and Biochemical Evaluation of 3-Phenoxy-1,4-diarylazetidin-2-ones as Tubulin-Targeting Antitumor Agents. *Journal of Medicinal Chemistry*, **2016**, 59, 90-113	8.3	45
16	Assessment of cross-reactivity of new less sensitizing epoxy resin monomers in epoxy resin-allergic individuals. *Contact Dermatitis*, **2016**, 75, 144-50	2.7	11
15	-Lactam estrogen receptor antagonists and a dual-targeting estrogen receptor/tubulin ligand. *Journal of Medicinal Chemistry*, **2014**, 57, 9370-82	8.3	37

List of Publications

14	Epoxy resin monomers with reduced skin sensitizing potency. *Chemical Research in Toxicology*, **2014**, 27, 1002-10	4	8
13	Combretastatin (CA)-4 and its novel analogue CA-432 impair T-cell migration through the Rho/ROCK signalling pathway. *Biochemical Pharmacology*, **2014**, 92, 544-57	6	12
12	Synthesis and biochemical activities of antiproliferative amino acid and phosphate derivatives of microtubule-disrupting lactam combretastatins. *European Journal of Medicinal Chemistry*, **2013**, 62, 705-21	6.8	18
11	Novel cis-restricted lactam combretastatin A-4 analogues display anti-vascular and anti-metastatic properties in vitro. *Oncology Reports*, **2013**, 29, 585-94	3.5	18
10	Combretazet-3 a novel synthetic cis-stable combretastatin A-4-azetidinone hybrid with enhanced stability and therapeutic efficacy in colon cancer. *Oncology Reports*, **2013**, 29, 2451-8	3.5	20
9	Analogues of the epoxy resin monomer diglycidyl ether of bisphenol F: effects on contact allergenic potency and cytotoxicity. *Chemical Research in Toxicology*, **2012**, 25, 2469-78	4	20
8	The vascular targeting agent Combretastatin-A4 directly induces autophagy in adenocarcinoma-derived colon cancer cells. *Biochemical Pharmacology*, **2012**, 84, 612-24	6	36
7	Synthesis, biochemical and molecular modelling studies of antiproliferative azetidinones causing microtubule disruption and mitotic catastrophe. *European Journal of Medicinal Chemistry*, **2011**, 46, 4595-607	6.8	36
6	Lead identification of lactam and related imine inhibitors of the molecular chaperone heat shock protein 90. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 6055-68	3.4	17
5	Synthesis, evaluation and structural studies of antiproliferative tubulin-targeting azetidin-2-ones. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 2306-25	3.4	53
4	The vascular targeting agent combretastatin-A4 and a novel cis-Restricted {beta}-Lactam Analogue, CA-432, induce apoptosis in human chronic myeloid leukemia cells and ex vivo patient samples including those displaying multidrug resistance. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 335, 302-13	4.7	21
3	Lead identification of conformationally restricted benzoxepin type combretastatin analogs: synthesis, antiproliferative activity, and tubulin effects. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2010**, 25, 180-94	5.6	12
2	Synthesis and evaluation of azetidinone analogues of combretastatin A-4 as tubulin targeting agents. *Journal of Medicinal Chemistry*, **2010**, 53, 8569-84	8.3	91
1	tieredScreena- Layered Virtual Screening Tool for the Identification of Novel Estrogen Receptor Alpha Modulators. *Molecular Informatics*, **2010**, 29, 421-30	3.8	6