

Niamh M O boyle

List of Publications by Citations

Source: <https://exaly.com/author-pdf/315976/niamh-m-o-boyle-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Synthesis and evaluation of azetidinone analogues of combretastatin A-4 as tubulin targeting agents. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 8569-84	8.3	91
30	Colchicine-Binding Site Inhibitors from Chemistry to Clinic: A Review. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	79
29	Synthesis, evaluation and structural studies of antiproliferative tubulin-targeting azetidin-2-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2306-25	3.4	53
28	Synthesis and Biochemical Evaluation of 3-Phenoxy-1,4-diarylazetidin-2-ones as Tubulin-Targeting Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 90-113	8.3	45
27	β -Lactam estrogen receptor antagonists and a dual-targeting estrogen receptor/tubulin ligand. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 9370-82	8.3	37
26	The vascular targeting agent Combretastatin-A4 directly induces autophagy in adenocarcinoma-derived colon cancer cells. <i>Biochemical Pharmacology</i> , 2012 , 84, 612-24	6	36
25	Synthesis, biochemical and molecular modelling studies of antiproliferative azetidinones causing microtubule disruption and mitotic catastrophe. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4595-607	6.8	36
24	Piperlongumine (piplartine) and analogues: Antiproliferative microtubule-destabilising agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 125, 453-463	6.8	26
23	β -Lactam analogues of combretastatin A-4 prevent metabolic inactivation by glucuronidation in chemoresistant HT-29 colon cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017 , 130, 261-285	6.8	25
22	The vascular targeting agent combretastatin-A4 and a novel cis-Restricted β -Lactam Analogue, CA-432, induce apoptosis in human chronic myeloid leukemia cells and ex vivo patient samples including those displaying multidrug resistance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 302-13	4.7	21
21	Lead Optimization of Benzoxepin-Type Selective Estrogen Receptor (ER) Modulators and Downregulators with Subtype-Specific ER α and ER β Activity. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 514-534	8.3	20
20	Analogues of the epoxy resin monomer diglycidyl ether of bisphenol F: effects on contact allergenic potency and cytotoxicity. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2469-78	4	20
19	Combretazet-3 a novel synthetic cis-stable combretastatin A-4-azetidinone hybrid with enhanced stability and therapeutic efficacy in colon cancer. <i>Oncology Reports</i> , 2013 , 29, 2451-8	3.5	20
18	Synthesis and biochemical activities of antiproliferative amino acid and phosphate derivatives of microtubule-disrupting β -lactam combretastatins. <i>European Journal of Medicinal Chemistry</i> , 2013 , 62, 705-21	6.8	18
17	Novel cis-restricted β -lactam combretastatin A-4 analogues display anti-vascular and anti-metastatic properties in vitro. <i>Oncology Reports</i> , 2013 , 29, 585-94	3.5	18
16	Lead identification of β -lactam and related imine inhibitors of the molecular chaperone heat shock protein 90. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 6055-68	3.4	17
15	Skin lipids in health and disease: A review. <i>Chemistry and Physics of Lipids</i> , 2021 , 236, 105055	3.7	17

14	β-Lactams with antiproliferative and antiapoptotic activity in breast and chemoresistant colon cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2020 , 189, 112050	6.8	16
13	Combretastatin (CA)-4 and its novel analogue CA-432 impair T-cell migration through the Rho/ROCK signalling pathway. <i>Biochemical Pharmacology</i> , 2014 , 92, 544-57	6	12
12	Lead identification of conformationally restricted benzoxepin type combretastatin analogs: synthesis, antiproliferative activity, and tubulin effects. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010 , 25, 180-94	5.6	12
11	Assessment of cross-reactivity of new less sensitizing epoxy resin monomers in epoxy resin-allergic individuals. <i>Contact Dermatitis</i> , 2016 , 75, 144-50	2.7	11
10	Synthesis and evaluation of antiproliferative microtubule-destabilising combretastatin A-4 piperazine conjugates. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6184-6200	3.9	8
9	Epoxy resin monomers with reduced skin sensitizing potency. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1002-10	4	8
8	Layered Virtual Screening Tool for the Identification of Novel Estrogen Receptor Alpha Modulators. <i>Molecular Informatics</i> , 2010 , 29, 421-30	3.8	6
7	3-Vinylazetid-2-Ones: Synthesis, Antiproliferative and Tubulin Destabilizing Activity in MCF-7 and MDA-MB-231 Breast Cancer Cells. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	5
6	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
5	Involvement of NF-κB in mediating the anti-tumour effects of combretastatins in T cells. <i>Investigational New Drugs</i> , 2018 , 36, 523-535	4.3	3
4	Synthesis and Biological Evaluation of 1-(Diarylmethyl)-1,2,4-triazoles and 1-(Diarylmethyl)-1-imidazoles as a Novel Class of Anti-Mitotic Agent for Activity in Breast Cancer. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
3	Synthesis and Antiproliferative Evaluation of 3-Chloroazetid-2-ones with Antimitotic Activity: Heterocyclic Bridged Analogues of Combretastatin A-4. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
2	Azetidin-2-ones: structures of anti-mitotic compounds based on the 1-(3,4,5-tri-meth-oxy-phen-yl)azetid-2-one core. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1187-1194	0.7	0
1	Nature-derived epoxy resins: Synthesis, allergenicity, and thermosetting properties of pinoresinol diglycidyl ether.. <i>Toxicology and Industrial Health</i> , 2022 , 7482337221089595	1.8	0