

Muriel Cuendet

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3124644/muriel-cuendet-publications-by-citations.pdf>

Version: 2024-04-28

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.

108
papers

3,967
citations

31
h-index

60
g-index

127
ext. papers

4,403
ext. citations

4.4
avg, IF

5.02
L-index

#	Paper	IF	Citations
108	Iridoid Glucosides with Free Radical Scavenging Properties from <i>Fagraea blumei</i> . <i>Helvetica Chimica Acta</i> , 1997 , 80, 1144-1152	2	530
107	Cancer chemopreventive and antioxidant activities of pterostilbene, a naturally occurring analogue of resveratrol. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3453-7	5.7	224
106	HDAC6 as a target for neurodegenerative diseases: what makes it different from the other HDACs?. <i>Molecular Neurodegeneration</i> , 2013 , 8, 7	19	180
105	Quinone reductase induction as a biomarker for cancer chemoprevention. <i>Journal of Natural Products</i> , 2006 , 69, 460-3	4.9	171
104	Pleiotropic mechanisms facilitated by resveratrol and its metabolites. <i>Biochemical Journal</i> , 2010 , 429, 273-82	3.8	145
103	Natural inhibitors of carcinogenesis. <i>Planta Medica</i> , 2004 , 70, 691-705	3.1	126
102	Potential cancer-chemopreventive activities of wine stilbenoids and flavans extracted from grape (<i>Vitis vinifera</i>) cell cultures. <i>Nutrition and Cancer</i> , 2001 , 40, 173-9	2.8	107
101	Biologic evaluation of curcumin and structural derivatives in cancer chemoprevention model systems. <i>Phytochemistry</i> , 2004 , 65, 2849-59	4	105
100	Comparison of the in vitro estrogenic activities of compounds from hops (<i>Humulus lupulus</i>) and red clover (<i>Trifolium pratense</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6246-53	5.7	99
99	Constituents of the bark and twigs of <i>Artocarpus dadah</i> with cyclooxygenase inhibitory activity. <i>Journal of Natural Products</i> , 2002 , 65, 163-9	4.9	98
98	Two new stilbene dimer glucosides from grape (<i>Vitis vinifera</i>) cell cultures. <i>Journal of Natural Products</i> , 2001 , 64, 136-8	4.9	92
97	Synthesis and biological evaluation of (+/-)-abyssinone II and its analogues as aromatase inhibitors for chemoprevention of breast cancer. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 2799-806	8.3	81
96	Antitumor activity of bruceantin: an old drug with new promise. <i>Journal of Natural Products</i> , 2004 , 67, 269-72	4.9	79
95	Synthesis and biological evaluation of a library of resveratrol analogues as inhibitors of COX-1, COX-2 and NF-kappaB. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 1044-54	3.4	73
94	A novel cyclooxygenase-inhibitory stilbenolignan from the seeds of <i>Aiphanes aculeata</i> . <i>Organic Letters</i> , 2001 , 3, 2169-71	6.2	68
93	Angiogenesis Analyzer for ImageJ - A comparative morphometric analysis of "Endothelial Tube Formation Assay" and "Fibrin Bead Assay". <i>Scientific Reports</i> , 2020 , 10, 11568	4.9	68
92	Constituents of <i>Asparagus officinalis</i> evaluated for inhibitory activity against cyclooxygenase-2. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2218-22	5.7	67

91	Antifungal Quinoline Alkaloids from <i>Waltheria indica</i> . <i>Journal of Natural Products</i> , 2016 , 79, 300-7	4.9	64
90	Cancer chemopreventive activity and metabolism of isoliquiritigenin, a compound found in licorice. <i>Cancer Prevention Research</i> , 2010 , 3, 221-32	3.2	63
89	Brusatol-mediated induction of leukemic cell differentiation and G(1) arrest is associated with down-regulation of c-myc. <i>Leukemia</i> , 2002 , 16, 2275-84	10.7	63
88	Prenylated flavonoids of the leaves of <i>Macaranga conifera</i> with inhibitory activity against cyclooxygenase-2. <i>Phytochemistry</i> , 2002 , 61, 867-72	4	60
87	Antitrypanosomal quinoline alkaloids from the roots of <i>Waltheria indica</i> . <i>Journal of Natural Products</i> , 2014 , 77, 2304-11	4.9	59
86	Bioactive constituents of the seeds of <i>Brucea javanica</i> . <i>Planta Medica</i> , 2002 , 68, 730-3	3.1	55
85	Epigenetic strategies to reverse drug resistance in heterogeneous multiple myeloma. <i>Clinical Epigenetics</i> , 2017 , 9, 17	7.7	53
84	Activity-guided fractionation of the seeds of <i>Ziziphus jujuba</i> using a cyclooxygenase-2 inhibitory assay. <i>Planta Medica</i> , 2002 , 68, 1125-8	3.1	50
83	Multiple myeloma regression mediated by bruceantin. <i>Clinical Cancer Research</i> , 2004 , 10, 1170-9	12.9	47
82	A comparative evaluation of the anticancer properties of European and American elderberry fruits. <i>Journal of Medicinal Food</i> , 2006 , 9, 498-504	2.8	45
81	Chemical composition of the bark of <i>Tetrapterys mucronata</i> and identification of acetylcholinesterase inhibitory constituents. <i>Journal of Natural Products</i> , 2014 , 77, 650-6	4.9	41
80	Brusatol-induced HL-60 cell differentiation involves NF-kappaB activation. <i>Cancer Letters</i> , 2004 , 206, 43-50	9.9	34
79	A stilbene and dihydrochalcones with radical scavenging activities from <i>Loiseleuria procumbens</i> . <i>Phytochemistry</i> , 2000 , 54, 871-4	4	33
78	Potential cancer chemopreventive constituents of the leaves of <i>Macaranga triloba</i> . <i>Phytochemistry</i> , 2004 , 65, 345-50	4	32
77	Potential cancer chemopreventive agents from <i>Arbutus unedo</i> . <i>Natural Product Research</i> , 2006 , 20, 327-34	3.5	31
76	Synthesis and cancer chemopreventive activity of zapotin, a natural product from <i>Casimiroa edulis</i> . <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 350-5	8.3	29
75	Prevention of False-Positive Results: Development of an HPTLC Autographic Assay for the Detection of Natural Tyrosinase Inhibitors. <i>Planta Medica</i> , 2015 , 81, 1198-204	3.1	27
74	Plants as a source of therapeutic and health products. <i>Chimia</i> , 2012 , 66, 320-3	1.3	27

73	Aurones as histone deacetylase inhibitors: identification of key features. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 5497-501	2.9	26
72	Chemical constituents from <i>Waltheria indica</i> exert in vitro activity against <i>Trypanosoma brucei</i> and <i>T. cruzi</i> . <i>Floterapia</i> , 2015 , 105, 55-60	3.2	25
71	Arming embolic beads with anti-VEGF antibodies and controlling their release using LbL technology. <i>Journal of Controlled Release</i> , 2016 , 224, 199-207	11.7	25
70	Acylated pregnane glycosides from <i>Caralluma sinaica</i> . <i>Phytochemistry</i> , 2012 , 79, 129-40	4	25
69	Antioxidants, quinone reductase inducers and acetylcholinesterase inhibitors from <i>Spondias tuberosa</i> fruits. <i>Journal of Functional Foods</i> , 2016 , 21, 396-405	5.1	24
68	Chemopreventive Potential of Wild Lowbush Blueberry Fruits in Multiple Stages of Carcinogenesis. <i>Journal of Food Science</i> , 2006 , 70, S159-S166	3.4	24
67	Cyclooxygenase-inhibitory and antioxidant constituents of the aerial parts of <i>Antirhea acutata</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 1565-8	2.9	24
66	Constituents of the stems of <i>Macrococculus pomiferus</i> and their inhibitory activities against cyclooxygenases-1 and -2. <i>Phytochemistry</i> , 2004 , 65, 2861-6	4	23
65	Flavonoids and phenylpropanoid derivatives from <i>Campanula barbata</i> . <i>Phytochemistry</i> , 2001 , 56, 631-6	4	23
64	Characterization of Natural Product Chemopreventive Agents 2005 , 3-37		23
63	Indoline alkaloids from <i>Tabernaemontana contorta</i> with cancer chemopreventive activity. <i>Phytochemistry</i> , 2017 , 144, 189-196	4	21
62	An ELISA method to measure inhibition of the COX enzymes. <i>Nature Protocols</i> , 2006 , 1, 1915-21	18.8	21
61	Bruceantin inhibits multiple myeloma cancer stem cell proliferation. <i>Cancer Biology and Therapy</i> , 2016 , 17, 966-75	4.6	20
60	Anti-inflammatory, antimicrobial and antioxidant activities of <i>Diospyros bipindensis</i> (Göke) extracts and its main constituents. <i>Journal of Ethnopharmacology</i> , 2013 , 146, 264-70	5	20
59	Equine estrogen metabolite 4-hydroxyequilenin induces anchorage-independent growth of human mammary epithelial MCF-10A cells: differential gene expression. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 550, 109-21	3.3	20
58	Cancer chemopreventive diterpenes from <i>Salvia corrugata</i> . <i>Phytochemistry</i> , 2013 , 96, 257-64	4	19
57	Reverse pharmacology for developing an anti-malarial phytomedicine. The example of <i>Argemone mexicana</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 338-46	4	19
56	A new technique for dynamic size populations in genetic programming 2004 ,		19

55	Chemical and biological investigation of the fungus <i>Pulveroboletus ravenelii</i> . <i>Journal of Natural Products</i> , 2003 , 66, 103-7	4.9	19
54	Intranasal administration of resveratrol successfully prevents lung cancer in A/J mice. <i>Scientific Reports</i> , 2018 , 8, 14257	4.9	19
53	Cytotoxic flavonoids and other constituents from the stem bark of <i>Ochna schweinfurthiana</i> . <i>Natural Product Research</i> , 2015 , 29, 1684-7	2.3	18
52	Novel 29-nor-3,4-seco-cycloartane triterpene methyl esters from the aerial parts of <i>Antirhea acutata</i> . <i>Tetrahedron</i> , 2001 , 57, 7107-7112	2.4	18
51	Antifungals and acetylcholinesterase inhibitors from the stem bark of <i>Croton heliotropiifolius</i> . <i>Phytochemistry Letters</i> , 2014 , 10, lxxxviii-xciii	1.9	17
50	Biphenyl-4-yl-acrylohydroxamic acids: Identification of a novel indolyl-substituted HDAC inhibitor with antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 99-105	6.8	16
49	Cancer chemopreventive activity of compounds isolated from <i>Waltheria indica</i> . <i>Journal of Ethnopharmacology</i> , 2017 , 203, 214-225	5	15
48	Synthesis of sesquiterpene-inspired derivatives designed for covalent binding and their inhibition of the NF- κ B pathway. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 370-5	3.9	15
47	Advanced methods for natural product drug discovery in the field of nutraceuticals. <i>Chimia</i> , 2011 , 65, 400-6	1.3	15
46	HDAC inhibitors: a 2013-2017 patent survey. <i>Expert Opinion on Therapeutic Patents</i> , 2018 , 1-17	6.8	14
45	Anti-inflammatory and antiproliferative diterpenoids from <i>Plectranthus scutellarioides</i> . <i>Phytochemistry</i> , 2018 , 154, 39-46	4	14
44	Cutaneous iontophoresis of β -conotoxin Cn11C-A potent Na _v 1.4 antagonist with analgesic, anaesthetic and myorelaxant properties. <i>International Journal of Pharmaceutics</i> , 2017 , 518, 59-65	6.5	13
43	Hydroxyl Ketone-Based Histone Deacetylase Inhibitors To Gain Insight into Class I HDAC Selectivity versus That of HDAC6. <i>ACS Omega</i> , 2017 , 2, 1550-1562	3.9	13
42	Isolation and biological activity of compounds from <i>Garcinia preussii</i> . <i>Pharmaceutical Biology</i> , 2014 , 52, 706-11	3.8	13
41	Altered apoptotic response in MCF 10A cells treated with the equine estrogen metabolite, 4-hydroxyequilenin. <i>Toxicology Letters</i> , 2004 , 154, 225-33	4.4	13
40	Constituents of the seeds of <i>Hernandia ovigera</i> with inhibitory activity against cyclooxygenase-2. <i>Planta Medica</i> , 2004 , 70, 893-6	3.1	12
39	Cross metathesis with hydroxamate and benzamide BOC-protected alkenes to access HDAC inhibitors and their biological evaluation highlighted intrinsic activity of BOC-protected dihydroxamates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 154-9	2.9	11
38	Statistical Correlations between HPLC Activity-Based Profiling Results and NMR/MS Microfraction Data to Deconvolute Bioactive Compounds in Mixtures. <i>Molecules</i> , 2016 , 21, 259	4.8	11

37	Withaferin A induces cell death and differentiation in multiple myeloma cancer stem cells. <i>MedChemComm</i> , 2017 , 8, 112-121	5	10
36	Withanolide D Exhibits Similar Cytostatic Effect in Drug-Resistant and Drug-Sensitive Multiple Myeloma Cells. <i>Frontiers in Pharmacology</i> , 2017 , 8, 610	5.6	10
35	Dietary Administration of Asimina triloba. (Paw Paw) Extract Increases Tumor Latency in N.-Methyl-N.-nitrosourea-treated Rats. <i>Pharmaceutical Biology</i> , 2008 , 46, 3-7	3.8	10
34	Targeting Multiple Myeloma Cancer Stem Cells with Natural Products - Lessons from Other Hematological Malignancies. <i>Planta Medica</i> , 2017 , 83, 752-760	3.1	9
33	Investigation on the ZBG-functionality of phenyl-4-yl-acrylohydroxamic acid derivatives as histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4457-60	2.9	9
32	Carbazole-, Aspidofractinine-, and Aspidocarpamine-Type Alkaloids from <i>Pleiocarpa pycnantha</i> . <i>Journal of Natural Products</i> , 2018 , 81, 1193-1202	4.9	9
31	Alkaloids as Inhibitors of Monoamine Oxidases and Their Role in the Central Nervous System. <i>Studies in Natural Products Chemistry</i> , 2014 , 43, 123-144	1.5	9
30	Bioactive metabolites from the leaves of <i>Withania adpressa</i> . <i>Pharmaceutical Biology</i> , 2018 , 56, 505-510	3.8	9
29	Lung Cancer Chemopreventive Activity of Patulin Isolated from <i>Penicillium vulpinum</i> . <i>Molecules</i> , 2018 , 23,	4.8	8
28	Novel histone deacetylase 6 (HDAC6) selective inhibitors: a patent evaluation (WO2014181137). <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 229-236	6.8	7
27	Synthesis of a selective HDAC6 inhibitor active in neuroblasts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4955-4959	2.9	7
26	NMR study of fumarprotocetraric acid, a complex lichen depsidone derivative from <i>Cladonia furcata</i> . <i>Magnetic Resonance in Chemistry</i> , 2003 , 41, 391-394	2.1	7
25	Synthesis of an Uncharged Tetra-cyclopeptide Acting as a Transmembrane Carrier: Enhanced Cellular and Nuclear Uptake. <i>Organic Letters</i> , 2017 , 19, 612-615	6.2	6
24	UHPLC-MS-based HDAC Assay Applied to Bio-guided Microfractionation of Fungal Extracts. <i>Phytochemical Analysis</i> , 2017 , 28, 93-100	3.4	6
23	Withanolide D Enhances Radiosensitivity of Human Cancer Cells by Inhibiting DNA Damage Non-homologous End Joining Repair Pathway. <i>Frontiers in Oncology</i> , 2019 , 9, 1468	5.3	6
22	Cell-based multi-substrate assay coupled to UHPLC-ESI-MS/MS for a quick identification of class-specific HDAC inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 209-214	5.6	6
21	A Bivalent Role of Genistein in Sprouting Angiogenesis. <i>Planta Medica</i> , 2018 , 84, 653-661	3.1	5
20	Rapid identification of coumarins from <i>Micromelum falcatum</i> by UPLC-HRMS/MS and targeted isolation of three new derivatives. <i>Molecules</i> , 2014 , 19, 15042-57	4.8	5

19	Pyridine-4(1)-one Alkaloids from as Antitrypanosomatid Agents. <i>Journal of Natural Products</i> , 2020 , 83, 3363-3371	4.9	5
18	Superacid and thiol-ene reactions for access to psammaplin analogues with HDAC inhibition activities. <i>Tetrahedron</i> , 2014 , 70, 9702-9708	2.4	4
17	Zapotin prevents mouse skin tumorigenesis during the stages of initiation and promotion. <i>Anticancer Research</i> , 2008 , 28, 3705-9	2.3	4
16	NF-B and Angiogenesis Inhibitors from the Aerial Parts of <i>Chresta martii</i> . <i>Journal of Natural Products</i> , 2018 , 81, 1769-1776	4.9	3
15	Simultaneous Measurement of HDAC1 and HDAC6 Activity in HeLa Cells Using UHPLC-MS. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
14	Anti-Inflammatory Phytochemicals 2006 , 41-60		3
13	Targeting tumor-associated macrophages by anti-tumor Chinese materia medica. <i>Chinese Journal of Integrative Medicine</i> , 2017 , 23, 723-732	2.9	2
12	Histone Deacetylases as Cancer Chemoprevention Targets for Natural Products. <i>Studies in Natural Products Chemistry</i> , 2012 , 38, 247-267	1.5	2
11	Response of human mammary epithelial cells to DNA damage induced by 4-hydroxyequilenin: Lack of p53-mediated G1 arrest. <i>Chemico-Biological Interactions</i> , 2006 , 161, 271-8	5	2
10	Note Iridoid Glucosides, Phenylpropanoid Derivatives and Flavanoids from <i>Bartsia alpina</i> . <i>Pharmaceutical Biology</i> , 1999 , 37, 318-320	3.8	2
9	Anti-inflammatory and Quinone Reductase-Inducing Compounds from <i>Beilschmiedia mannii</i> . <i>Planta Medica</i> , 2019 , 85, 379-384	3.1	1
8	Structure-Activity Relationships of Withanolides as Antiproliferative Agents for Multiple Myeloma: Comparison of Activity in 2D Models and a 3D Coculture Model. <i>Journal of Natural Products</i> , 2021 , 84, 2321-2335	4.9	1
7	Hygroline derivatives from <i>Schizanthus tricolor</i> and their anti-trypanosomatid and antiplasmodial activities. <i>Phytochemistry</i> , 2021 , 192, 112957	4	1
6	Antitumor Alkaloids in Clinical Use or in Clinical Trials		0
5	The Multiple Myeloma Landscape: Epigenetics and Non-Coding RNAs. <i>Cancers</i> , 2022 , 14, 2348	6.6	0
4	Non-steroidal anti-inflammatory drugs in cancer treatment. <i>Expert Opinion on Therapeutic Patents</i> , 2002 , 12, 827-835	6.8	
3	The Use of Anti-Inflammatory Agents for Cancer Chemoprevention 2020 , 561-575		
2	Modern tools to analyse museum samples of curare and psychoactive preparations used by Amazonian tribes. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	

- 1 A UHPLC/MS-MS-based HDAC assay applied to bio-guided microfractionation of fungi extracts.
Planta Medica, **2016**, 81, S1-S381

3.1