

Muriel Cuendet

List of Publications by Year in Descending Order

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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.

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	The Multiple Myeloma Landscape: Epigenetics and Non-Coding RNAs. <i>Cancers</i> , 2022 , 14, 2348	6.6	0
107	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
106	Hygroline derivatives from <i>Schizanthus tricolor</i> and their anti-trypanosomatid and antiplasmodial activities. <i>Phytochemistry</i> , 2021 , 192, 112957	4	1
105	The Use of Anti-Inflammatory Agents for Cancer Chemoprevention 2020 , 561-575		
104	Pyridine-4(1)-one Alkaloids from as Antitrypanosomatid Agents. <i>Journal of Natural Products</i> , 2020 , 83, 3363-3371	4.9	5
103	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
102	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
101	Anti-inflammatory and Quinone Reductase-Inducing Compounds from <i>Beilschmiedia mannii</i> . <i>Planta Medica</i> , 2019 , 85, 379-384	3.1	1
100	HDAC inhibitors: a 2013-2017 patent survey. <i>Expert Opinion on Therapeutic Patents</i> , 2018 , 1-17	6.8	14
99	Carbazole-, Aspidofractinine-, and Aspidocarpamine-Type Alkaloids from <i>Pleiocarpa pycnantha</i> . <i>Journal of Natural Products</i> , 2018 , 81, 1193-1202	4.9	9
98	A Bivalent Role of Genistein in Sprouting Angiogenesis. <i>Planta Medica</i> , 2018 , 84, 653-661	3.1	5
97	NF- κ 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
96	Lung Cancer Chemopreventive Activity of Patulin Isolated from <i>Penicillium vulpinum</i> . <i>Molecules</i> , 2018 , 23,	4.8	8
95	Bioactive metabolites from the leaves of <i>Withania adpressa</i> . <i>Pharmaceutical Biology</i> , 2018 , 56, 505-510	3.8	9
94	Intranasal administration of resveratrol successfully prevents lung cancer in A/J mice. <i>Scientific Reports</i> , 2018 , 8, 14257	4.9	19
93	Anti-inflammatory and antiproliferative diterpenoids from <i>Plectranthus scutellarioides</i> . <i>Phytochemistry</i> , 2018 , 154, 39-46	4	14
92	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

91	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
90	Cutaneous iontophoresis of Eonotoxin CnIIC-A potent Na _{1.4} antagonist with analgesic, anaesthetic and myorelaxant properties. <i>International Journal of Pharmaceutics</i> , 2017 , 518, 59-65	6.5	13
89	Epigenetic strategies to reverse drug resistance in heterogeneous multiple myeloma. <i>Clinical Epigenetics</i> , 2017 , 9, 17	7.7	53
88	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
87	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
86	Cancer chemopreventive activity of compounds isolated from <i>Waltheria indica</i> . <i>Journal of Ethnopharmacology</i> , 2017 , 203, 214-225	5	15
85	UHPLC-MS-based HDAC Assay Applied to Bio-guided Microfractionation of Fungal Extracts. <i>Phytochemical Analysis</i> , 2017 , 28, 93-100	3.4	6
84	Indoline alkaloids from <i>Tabernaemontana contorta</i> with cancer chemopreventive activity. <i>Phytochemistry</i> , 2017 , 144, 189-196	4	21
83	Targeting tumor-associated macrophages by anti-tumor Chinese materia medica. <i>Chinese Journal of Integrative Medicine</i> , 2017 , 23, 723-732	2.9	2
82	Simultaneous Measurement of HDAC1 and HDAC6 Activity in HeLa Cells Using UHPLC-MS. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
81	Withaferin A induces cell death and differentiation in multiple myeloma cancer stem cells. <i>MedChemComm</i> , 2017 , 8, 112-121	5	10
80	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
79	Synthesis of a selective HDAC6 inhibitor active in neuroblasts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4955-4959	2.9	7
78	Bruceantin inhibits multiple myeloma cancer stem cell proliferation. <i>Cancer Biology and Therapy</i> , 2016 , 17, 966-75	4.6	20
77	Antifungal Quinoline Alkaloids from <i>Waltheria indica</i> . <i>Journal of Natural Products</i> , 2016 , 79, 300-7	4.9	64
76	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
75	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
74	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

73	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
72	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	
71	A UHPLC/MS-MS-based HDAC assay applied to bio-guided microfractionation of fungi extracts. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
70	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
69	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
68	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
67	Chemical constituents from <i>Waltheria indica</i> exert in vitro activity against <i>Trypanosoma brucei</i> and <i>T. cruzi</i> . <i>Phytotherapy Research</i> , 2015 , 105, 55-60	3.2	25
66	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
65	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
64	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
63	Aurones as histone deacetylase inhibitors: identification of key features. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 5497-501	2.9	26
62	Antitrypanosomal quinoline alkaloids from the roots of <i>Waltheria indica</i> . <i>Journal of Natural Products</i> , 2014 , 77, 2304-11	4.9	59
61	Antifungals and acetylcholinesterase inhibitors from the stem bark of <i>Croton heliotropiifolius</i> . <i>Phytochemistry Letters</i> , 2014 , 10, lxxxviii-xciii	1.9	17
60	Isolation and biological activity of compounds from <i>Garcinia preussii</i> . <i>Pharmaceutical Biology</i> , 2014 , 52, 706-11	3.8	13
59	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
58	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
57	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
56	Superacid and thiol-ene reactions for access to psammaplin analogues with HDAC inhibition activities. <i>Tetrahedron</i> , 2014 , 70, 9702-9708	2.4	4

55	Reverse pharmacology for developing an anti-malarial phytomedicine. The example of Argemone mexicana. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 338-46	4	19
54	Cancer chemopreventive diterpenes from <i>Salvia corrugata</i> . <i>Phytochemistry</i> , 2013 , 96, 257-64	4	19
53	Anti-inflammatory, antimicrobial and antioxidant activities of <i>Diospyros bipindensis</i> (Geke) extracts and its main constituents. <i>Journal of Ethnopharmacology</i> , 2013 , 146, 264-70	5	20
52	HDAC6 as a target for neurodegenerative diseases: what makes it different from the other HDACs?. <i>Molecular Neurodegeneration</i> , 2013 , 8, 7	19	180
51	Acylated pregnane glycosides from <i>Caralluma sinaica</i> . <i>Phytochemistry</i> , 2012 , 79, 129-40	4	25
50	Histone Deacetylases as Cancer Chemoprevention Targets for Natural Products. <i>Studies in Natural Products Chemistry</i> , 2012 , 38, 247-267	1.5	2
49	Plants as a source of therapeutic and health products. <i>Chimia</i> , 2012 , 66, 320-3	1.3	27
48	Advanced methods for natural product drug discovery in the field of nutraceuticals. <i>Chimia</i> , 2011 , 65, 400-6	1.3	15
47	Cancer chemopreventive activity and metabolism of isoliquiritigenin, a compound found in licorice. <i>Cancer Prevention Research</i> , 2010 , 3, 221-32	3.2	63
46	Pleiotropic mechanisms facilitated by resveratrol and its metabolites. <i>Biochemical Journal</i> , 2010 , 429, 273-82	3.8	145
45	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
44	Dietary Administration of <i>Asimina triloba</i> . (Paw Paw) Extract Increases Tumor Latency in N-Methyl-N-nitrosourea-treated Rats. <i>Pharmaceutical Biology</i> , 2008 , 46, 3-7	3.8	10
43	Zapotin prevents mouse skin tumorigenesis during the stages of initiation and promotion. <i>Anticancer Research</i> , 2008 , 28, 3705-9	2.3	4
42	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
41	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
40	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
39	Potential cancer chemopreventive agents from <i>Arbutus unedo</i> . <i>Natural Product Research</i> , 2006 , 20, 327-34		31
38	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

37	Quinone reductase induction as a biomarker for cancer chemoprevention. <i>Journal of Natural Products</i> , 2006 , 69, 460-3	4.9	171
36	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
35	An ELISA method to measure inhibition of the COX enzymes. <i>Nature Protocols</i> , 2006 , 1, 1915-21	18.8	21
34	Anti-Inflammatory Phytochemicals 2006 , 41-60		3
33	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
32	Characterization of Natural Product Chemopreventive Agents 2005 , 3-37		23
31	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
30	Natural inhibitors of carcinogenesis. <i>Planta Medica</i> , 2004 , 70, 691-705	3.1	126
29	A new technique for dynamic size populations in genetic programming 2004 ,		19
28	Multiple myeloma regression mediated by bruceantin. <i>Clinical Cancer Research</i> , 2004 , 10, 1170-9	12.9	47
27	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
26	Potential cancer chemopreventive constituents of the leaves of <i>Macaranga triloba</i> . <i>Phytochemistry</i> , 2004 , 65, 345-50	4	32
25	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
24	Biologic evaluation of curcumin and structural derivatives in cancer chemoprevention model systems. <i>Phytochemistry</i> , 2004 , 65, 2849-59	4	105
23	Antitumor activity of bruceantin: an old drug with new promise. <i>Journal of Natural Products</i> , 2004 , 67, 269-72	4.9	79
22	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
21	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
20	Brusatol-induced HL-60 cell differentiation involves NF-kappaB activation. <i>Cancer Letters</i> , 2004 , 206, 43-50	9.9	34

19	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
18	Chemical and biological investigation of the fungus <i>Pulveroboletus ravenelii</i> . <i>Journal of Natural Products</i> , 2003 , 66, 103-7	4.9	19
17	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
16	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
15	Non-steroidal anti-inflammatory drugs in cancer treatment. <i>Expert Opinion on Therapeutic Patents</i> , 2002 , 12, 827-835	6.8	
14	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
13	Bioactive constituents of the seeds of <i>Brucea javanica</i> . <i>Planta Medica</i> , 2002 , 68, 730-3	3.1	55
12	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
11	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
10	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
9	Flavonoids and phenylpropanoid derivatives from <i>Campanula barbata</i> . <i>Phytochemistry</i> , 2001 , 56, 631-6	4	23
8	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
7	A novel cyclooxygenase-inhibitory stilbenolignan from the seeds of <i>Aiphanes aculeata</i> . <i>Organic Letters</i> , 2001 , 3, 2169-71	6.2	68
6	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
5	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
4	A stilbene and dihydrochalcones with radical scavenging activities from <i>Loiseleuria procumbens</i> . <i>Phytochemistry</i> , 2000 , 54, 871-4	4	33
3	Note Iridoid Glucosides, Phenylpropanoid Derivatives and Flavanoids from <i>Bartsia alpina</i> . <i>Pharmaceutical Biology</i> , 1999 , 37, 318-320	3.8	2
2	Iridoid Glucosides with Free Radical Scavenging Properties from <i>Fagraea blumei</i> . <i>Helvetica Chimica Acta</i> , 1997 , 80, 1144-1152	2	530

1 Antitumor Alkaloids in Clinical Use or in Clinical Trials 25-52

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