

Lucio Merlini

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128
papers

2,860
citations

31
h-index

43
g-index

140
ext. papers

3,049
ext. citations

4
avg, IF

4.1
L-index

#	Paper	IF	Citations
128	Screening of the genus <i>Cercospora</i> for secondary metabolites?. <i>Phytochemistry</i> , 1977 , 16, 243-247	4	115
127	Novel 7-oxymethyl derivatives of camptothecin with potent in vitro and in vivo antitumor activity. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 3264-74	8.3	90
126	(+)-Abscisic acid, a metabolite of the fungus <i>Cercospora rosicola</i> . <i>Experientia</i> , 1977 , 33, 1556-1557		85
125	Current status and perspectives in the development of camptothecins. <i>Current Pharmaceutical Design</i> , 2002 , 8, 2505-20	3.3	74
124	ST1926, a novel and orally active retinoid-related molecule inducing apoptosis in myeloid leukemia cells: modulation of intracellular calcium homeostasis. <i>Blood</i> , 2004 , 103, 194-207	2.2	63
123	Design, synthesis, and evaluation of biphenyl-4-yl-acrylohydroxamic acid derivatives as histone deacetylase (HDAC) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1900-12	6.8	59
122	Asymmetric synthesis of 3-methyl-2-phenyl-1,4-benzodioxanes. Absolute configuration of the neolignans eusiderin and eusiderin C and D. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985 , 2555		58
121	A novel atypical retinoid endowed with proapoptotic and antitumor activity. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 909-12	8.3	55
120	Novel 7-substituted camptothecins with potent antitumor activity. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3963-9	8.3	51
119	Synthesis and anticonvulsant and sedative-hypnotic activity of 4-(alkylimino)-2,3-dihydro-4H-1-benzopyrans and -benzothiopyrans. <i>Journal of Medicinal Chemistry</i> , 1990 , 33, 2865-9	8.3	51
118	The structure of cercosporin, a naturally occurring quinone. <i>Challenge</i> , 1971 , 1463	0.8	50
117	Synthesis and cytotoxic activity of substituted luotonin A derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5757-61	2.9	47
116	Benzodioxanes by oxidative phenol coupling. Synthesis of silybin. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1980 , 775-778		47
115	Synthesis and cytotoxic activity of polyamine analogues of camptothecin. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 5177-86	8.3	44
114	Secondary mould metabolites. Part 16. Stemphytoxins, new reduced perylenequinone metabolites from <i>Stemphylium botryosum</i> var. <i>Lactucum</i> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1986 , 525		44
113	Constituents of Dragon's Blood. 5. Dracoflavans B1, B2, C1, C2, D1, and D2, new A-type deoxyproanthocyanidins. <i>Journal of Natural Products</i> , 1997 , 60, 971-5	4.9	42
112	Enol carbamates as inhibitors of fatty acid amide hydrolase (FAAH) endowed with high selectivity for FAAH over the other targets of the endocannabinoid system. <i>ChemMedChem</i> , 2010 , 5, 357-60	3.7	41

111	A new synthesis of the cytotoxic alkaloid Luotonine A. <i>Tetrahedron Letters</i> , 2002 , 43, 1835-1837	2	40
110	Isolation and structure of red pigments from <i>Aspergillus flavus</i> and related species, grown on a differential medium. <i>Journal of Agricultural and Food Chemistry</i> , 1981 , 29, 785-787	5.7	40
109	Stereochemistry of cercosporin. <i>Tetrahedron</i> , 1982 , 38, 2787-2796	2.4	40
108	Synthesis of (+)-spirolaxine methyl ether. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6277-80	4.2	39
107	Metabolites of <i>Cercospora</i> . Taiwapyrone, an β -pyrone of unusual structure from <i>Cercospora taiwanensis</i> . <i>Phytochemistry</i> , 1976 , 15, 537-539	4	39
106	Atypical retinoids ST1926 and CD437 are S-phase-specific agents causing DNA double-strand breaks: significance for the cytotoxic and antiproliferative activity. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2941-54	6.1	37
105	Antitumor activity of the retinoid-related molecules (E)-3-(4'-hydroxy-3'-adamantylbiphenyl-4-yl)acrylic acid (ST1926) and 6-[3-(1-adamantyl)-4-hydroxyphenyl]-2-naphthalene carboxylic acid (CD437) in F9 teratocarcinoma: Role of retinoic acid receptor gamma and retinoid-independent pathways. <i>Molecular Pharmacology</i> , 2008 , 74, 1039-47	4.3	37
104	Structure elucidation of clavilactone D: an inhibitor of protein tyrosine kinases. <i>Phytochemistry</i> , 2000 , 53, 1039-41	4	37
103	Synthesis and structure-activity relationships of a new series of retinoid-related biphenyl-4-ylacrylic acids endowed with antiproliferative and proapoptotic activity. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4931-46	8.3	36
102	7-Azaindole-1-carboxamides as a new class of PARP-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1089-103	3.4	35
101	Synthesis, modeling, and RET protein kinase inhibitory activity of 3- and 4-substituted beta-carboline-1-ones. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7777-87	8.3	33
100	The structure of roxburghines A-E, new indole alkaloids from an <i>Uncaria</i> Sp. <i>Tetrahedron</i> , 1970 , 26, 2259-79	2.9	33
99	Preclinical profile of antitumor activity of a novel hydrophilic camptothecin, ST1968. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2051-9	6.1	32
98	Reaction of ortho alkenyl- and alkylphenols with 2,3-dichloro-5,6-dicyanobenzoquinone (DDQ). <i>Tetrahedron</i> , 1971 , 27, 1875-1883	2.4	31
97	Constituents of Dragon's blood. Part I. Structure and absolute configuration of new optically active flavans. <i>Journal of the Chemical Society C, Organic</i> , 1971 , 3967		31
96	Synthesis and topoisomerase I inhibitory activity of a novel diazaindeno[2,1-b]phenanthrene analogue of Lamellarin D. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4971-84	3.4	29
95	Antimicrobial activity of some Sri Lankan Rubiaceae and Meliaceae. <i>Phytotherapy Research</i> , 2002 , 16, 424-7	3.2	28
94	General pseudoreceptor model for sweet compounds: a semiquantitative prediction of binding affinity for sweet-tasting molecules. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 4402-9	8.3	28

93	Structures of the red sandalwood pigments santalins A and B. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1975 , 186		28
92	Novel cytotoxic 7-iminomethyl and 7-aminomethyl derivatives of camptothecin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 291-4	2.9	27
91	Biomimetic synthesis of natural silybin. <i>Journal of the Chemical Society Chemical Communications</i> , 1979 , 695-695		27
90	Pattern of antitumor activity of a novel camptothecin, ST1481, in a large panel of human tumor xenografts. <i>Clinical Cancer Research</i> , 2002 , 8, 3904-9	12.9	27
89	Natural and semisynthetic azaphilones as a new scaffold for Hsp90 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 6031-43	3.4	26
88	Isoxazolo(aza)naphthoquinones: a new class of cytotoxic Hsp90 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012 , 53, 64-75	6.8	25
87	Isoflavonoid constituents of the west african red wood <i>Baphia nitida</i> . <i>Phytochemistry</i> , 1981 , 20, 799-801	4	25
86	Preclinical efficacy of ST1976, a novel camptothecin analog of the 7-oxyiminomethyl series. <i>Biochemical Pharmacology</i> , 2007 , 73, 656-64	6	24
85	Lipophilicity-antifungal activity relationships for some isoflavonoid phytoalexins. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 834-838	5.7	24
84	A biogenetically patterned synthesis of (-)-eusiderin. <i>Tetrahedron Letters</i> , 1975 , 16, 3621-3622	2	24
83	A new group of oxime carbamates as reversible inhibitors of fatty acid amide hydrolase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 4406-11	2.9	23
82	Synthesis of photoactivable inhibitors of osteoclast vacuolar ATPase. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 2247-54	3.4	23
81	Synthesis and cytotoxic activity of a new series of topoisomerase I inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 1484-9	2.9	21
80	Synthesis and cytotoxic activity of substituted 7-aryliminomethyl derivatives of camptothecin. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 507-13	6.8	21
79	Perylenequinones from cucumber seedlings infected with <i>Cladosporium cucumerinum</i> . <i>Phytochemistry</i> , 1988 , 27, 1675-1678	4	21
78	Synthesis and Structure-Activity Relationships of Sweet 2-Benzoylbenzoic Acid Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 2047-2054	5.7	19
77	A new 3,4-seco-lupane derivative from <i>Lasianthus gardneri</i> . <i>Journal of Natural Products</i> , 2004 , 67, 911-3	4.9	19
76	Isovanillyl sweeteners. Synthesis and sweet taste of sulfur heterocycles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 1359		19

75	Total synthesis of the natural product benzo[j]fluoranthene-4,9-diol: an approach to the synthesis of oxygenated benzo[j]fluoranthenes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 10860-6	4.2	18
74	NMR study of tautomerism in natural perylenequinones. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 1447		18
73	Interaction of tetraconazole and its enantiomers with cytochrome P450 from <i>Ustilago maydis</i> . <i>Pest Management Science</i> , 1992 , 35, 167-170		18
72	Trends in searching for new cognition enhancing drugs. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1989 , 13 Suppl, S61-75	5.5	18
71	Synthetic analogs of phytoalexins. Synthesis and antifungal activity of potential free-radical scavengers. <i>Journal of Agricultural and Food Chemistry</i> , 1989 , 37, 508-512	5.7	18
70	Secondary mould metabolites. Part 13. Fungal perylenequinones: phleichrome, isophleichrome, and their endoperoxides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985 , 1387		18
69	Constituents of dragon's blood. Part II. Structure and oxidative conversion of a novel secobiflavonoid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1976 , 1570		18
68	First total synthesis of topopyrone C. <i>Tetrahedron Letters</i> , 2007 , 48, 1049-1051	2	17
67	Synthesis and cytotoxic activity of new 9-substituted camptothecins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2781-7	2.9	17
66	Short Synthesis of Cytotoxic 4-Arylcoumarins. <i>Synthetic Communications</i> , 2006 , 36, 1117-1122	1.7	17
65	Isovanillyl sweeteners. From molecules to receptors. <i>Pure and Applied Chemistry</i> , 2002 , 74, 1181-1187	2.1	17
64	Advances in the Chemistry of Charom-3-enes. <i>Advances in Heterocyclic Chemistry</i> , 1975 , 18, 159-198	2.4	17
63	Colouring matters of the West African red woods <i>Pterocarpus osun</i> and <i>P. soyauxii</i> . Structures of santarubins A and B. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1977 , 2116		17
62	A new synthesis of isoaurones: cytotoxic activity of compounds related to the alleged structure of isoaurostatin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4313-6	2.9	16
61	Synthesis, fungicidal activity, and QSAR of a series of 2-dichlorophenyl-3-triazolylpropyl ethers. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 2547-55	5.7	16
60	¹³ C nuclear magnetic resonance spectral analysis of santalin and santarubin permethyl ethers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1977 , 2118		16
59	Synthesis and antifungal activity of a series of N-substituted [2-(2,4-dichlorophenyl)-3-(1,2,4-triazol-1-yl)]propylamines. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8187-92	5.7	15
58	Synthesis of 3-aryl-1,4-benzoxathianes: application to the preparation of a sweet compound. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1241		15

57	Constituents of Dragon's blood. Part 4. Dracoflavan A, a novel secotriflavanoid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990 , 2637-2640		15
56	Analogs of phytoalexins. Synthesis of some 3-phenylcoumarins and their fungicidal activity. <i>Journal of Agricultural and Food Chemistry</i> , 1986 , 34, 185-188	5-7	15
55	Mycochromone and mycoxanthone: Two new metabolites from <i>Mycosphaerella rosigena</i> . <i>Phytochemistry</i> , 1979 , 18, 311-313	4	15
54	Secondary metabolites from <i>Mycosphaerella ligulicola</i> . <i>Phytochemistry</i> , 1981 , 20, 1955-1957	4	15
53	Enantioselective total synthesis and absolute configuration of the alleged structure of crassinervic acid. <i>Tetrahedron</i> , 2011 , 67, 6300-6307	2-4	14
52	Isovanillyl sweeteners. Synthesis, conformational analysis, and structure-activity relationship of some sweet oxygen heterocycles. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991 , 1399-1406		14
51	Santalin pigments: on the structure of santalin A. <i>Tetrahedron Letters</i> , 1972 , 13, 3503-3506	2	14
50	Intramolecular N-acyliminium ion versus Friedel-Crafts cyclization onto 3-indoles: synthesis of the novel rings pyrrolizino[2,1-b]indole and homologues. <i>Tetrahedron</i> , 2009 , 65, 3465-3472	2-4	13
49	Perspectives in camptothecin development. <i>Expert Opinion on Therapeutic Patents</i> , 2002 , 12, 837-844	6-8	13
48	Synthesis and sweet taste of some 2-phenylbenzodioxanes. <i>Journal of Agricultural and Food Chemistry</i> , 1986 , 34, 339-344	5-7	13
47	Identification of a novel arylpiperazine scaffold for fatty acid amide hydrolase inhibition with improved drug disposition properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 492-5	2-9	12
46	New retinoid derivatives as back-ups of Adarotene. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 2405-154	3-4	12
45	Synthesis and antifungal activity of 2-hydroxy-4,5-methylenedioxyaryl ketones as analogues of kakuol. <i>Chemistry and Biodiversity</i> , 2010 , 7, 887-97	2-5	12
44	Alkaloids of <i>Uncaria elliptica</i> . <i>Phytochemistry</i> , 1997 , 45, 1731-1732	4	12
43	Synthesis and structure-activity relationships of new antiproliferative and proapoptotic retinoid-related biphenyl-4-yl-acrylic acids. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 4863-75	3-4	12
42	Synthesis and anti-fungal activity of simple lactams. <i>European Journal of Medicinal Chemistry</i> , 1988 , 23, 149-154	6-8	12
41	Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 4002-4010	5-7	11
40	A three-dimensional receptor model for isovanillic sweet derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998 , 1449-1454		11

39	Monatin, Its Stereoisomers and Derivatives: Modeling the Sweet Taste Chemoreception Mechanism. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2518-2525	3.2	11
38	Quantitative Structure-Activity Relationships of Sweet Isovanillyl Derivatives. <i>QSAR and Combinatorial Science</i> , 2001 , 20, 3-16		11
37	¹³ C-NMR. Analysis of Dihydrogranaticin Methyl Ester. A case of mixed biogenesis. <i>Helvetica Chimica Acta</i> , 1979 , 62, 30-33	2	11
36	Alkylation of resorcinols with monoterpenoid allylic alcohols in aqueous acid: synthesis of new cannabinoid derivatives. <i>Tetrahedron Letters</i> , 1972 , 13, 945-948	2	11
35	Flavonoids from <i>Adenanthera pavonina</i> . <i>Phytochemistry</i> , 1972 , 11, 1515	4	11
34	Constituents of Dragon's Blood. Part III. Dracooxepine, a Novel Type of Biflavanoid. <i>Heterocycles</i> , 1989 , 29, 1119	0.8	11
33	Conformational and thermodynamical study of some helical perylenequinones. <i>Perkin Transactions II RSC</i> , 2001 , 2276-2286		10
32	¹³ C-NMR. Analysis of the Roxburghines. <i>Helvetica Chimica Acta</i> , 1976 , 59, 2254-2260	2	10
31	Dothistromin and 2-epidothistromin from <i>Cercospora smilacis</i> . <i>Phytochemistry</i> , 1977 , 16, 125-126	4	10
30	Structure of Wortmin, a new Metabolite from <i>Penicillium wortmanni</i> . <i>Helvetica Chimica Acta</i> , 1973 , 56, 232-239	2	10
29	New chromenochalcones from <i>Flemingia</i> . <i>Phytochemistry</i> , 1973 , 12, 2027-2031	4	10
28	Indole alkaloids from <i>Uncaria gambir</i> . <i>Phytochemistry</i> , 1972 , 11, 1525-1526	4	9
27	A new azoxyalkene from a strain of an actinomadura-like fungus. <i>Planta Medica</i> , 2003 , 69, 574-6	3.1	8
26	Asymmetric synthesis of (+)- and (–)-2-(2-methoxyphenyl)-3,1-benzoxathiane. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 1903-1906		8
25	Progress in isovanillyl sweet compounds. <i>Food Chemistry</i> , 1996 , 56, 247-253	8.5	8
24	New natural chalcones from ham.. <i>Tetrahedron Letters</i> , 1970 , 11, 4367-4368	2	8
23	Structure and synthesis of new natural heteroyohimbine N-oxides. <i>Tetrahedron</i> , 1972 , 28, 5971-5975	2.4	8
22	Optimized synthesis and enhanced efficacy of novel triplex-forming camptothecin derivatives based on gimatecan. <i>Bioconjugate Chemistry</i> , 2009 , 20, 666-72	6.3	7

21	Direct Amination of Naphthazarin, Juglone, and Some Derivatives. <i>Synthetic Communications</i> , 2007 , 37, 2569-2577	1.7	7
20	A Synthetic Approach to Sporotricale Methylether. <i>Synlett</i> , 2005 , 2005, 2676-2678	2.2	7
19	Synthesis of some N-heteroaromatic analogues of cannabinoids. <i>Journal of Heterocyclic Chemistry</i> , 1981 , 18, 23-25	1.9	7
18	Enantiodifferentiation in taste perception of isovanillic derivatives. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 3177-3186		6
17	Research of potential antidepressant drugs with α -adrenoreceptor antagonist and NA-uptake inhibiting properties: synthesis of 2-(1-hydroxy-2-phenoxy-2-phenyl)ethyl-4,5-dihydro-1H-imidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 1990 , 25, 757-763	6.8	6
16	A possible chemical analogy for pterocarpan biosynthesis. <i>Journal of the Chemical Society Chemical Communications</i> , 1975 , 428		6
15	A New synthesis of 4,5,6,7-tetrahydrofuro[2,3-c]pyridines and furo[2,3-c]pyrrolidines. <i>Journal of Heterocyclic Chemistry</i> , 1990 , 27, 1169-1171	1.9	5
14	Flavonoids with isoprenoid substituents: Addendum. <i>Phytochemistry</i> , 1973 , 12, 669-670	4	5
13	Synthesis of some 2,3-benzo-l-oxaoctems. <i>Journal of Heterocyclic Chemistry</i> , 1987 , 24, 75-77	1.9	4
12	Mass spectrometry of heterocyclic compounds VIII. Electron-impact-induced fragmentation of 1,2-diphenyl-pyrazolidine-3,5-dione and some 4-substituted derivatives. <i>Organic Mass Spectrometry</i> , 1975 , 10, 606-616		4
11	Hashish. <i>Tetrahedron</i> , 1975 , 31, 3093-3096	2.4	4
10	Total Synthesis of Berkeleyamide A and its 10-epi Isomer. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 6217-6223	3.2	3
9	Synthesis of new cytotoxic E-ring modified camptothecins. <i>Tetrahedron Letters</i> , 2010 , 51, 6489-6492	2	3
8	Structure elucidation of the binary indole alkaloid uncaramine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987 , 571		3
7	Intramolecular Friedel-Crafts Reaction of Indoles with Carbonyl Groups: A Simple Synthesis of 3- and 4-Substituted β -Carbolin-1-ones. <i>Synlett</i> , 2008 , 2008, 1309-1312	2.2	2
6	Camptothecin and Analogs: Structure and Synthetic Efforts		2
5	An unusual dimer of camptothecin-7-aldehyde. <i>Tetrahedron Letters</i> , 2004 , 45, 7879-7881	2	2
4	Novel 4-styrylflavans from gum accroides. <i>Australian Journal of Chemistry</i> , 1977 , 30, 873	1.2	2

3	Synthesis of a new series of N-hydroxy, N-alkylamides of aminoacids as ligands of NMDA glycine site. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 711-717	6.8	1
2	Photodynamic Perylenequinones, Photodemethylation and Photooxidation of Dimethylcercosporin. <i>Liebigs Annalen Der Chemie</i> , 1992 , 1992, 565-568		1
1	Synthesis and fungicidal activity of a series of 1,1-disubstituted-but-3-yn-1-ols. <i>Pest Management Science</i> , 1984 , 15, 303-309		1