

# Jrg Gertsch

## 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.

143  
papers

5,894  
citations

40  
h-index

71  
g-index

155  
ext. papers

6,847  
ext. citations

6.1  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
143	Neuropsychopharmacological profiling of scoparone in mice.. <i>Scientific Reports</i> , <b>2022</b> , 12, 822	4.9	1
142	Opposite physiological and pathological mTORC1-mediated roles of the CB1 receptor in regulating renal tubular function.. <i>Nature Communications</i> , <b>2022</b> , 13, 1783	17.4	1
141	Travelogues from the Rainforest: Notes on Prof. Otto Sticher's 85th birthday. <i>Planta Medica</i> , <b>2021</b> , 87, 1123-1127	3.1	
140	Insights into the Phytochemical and Multifunctional Biological Profile of Spices from the Genus. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
139	LC-HRMS/MS-based phytochemical profiling of Piper spices: Global association of piperamides with endocannabinoid system modulation. <i>Food Research International</i> , <b>2021</b> , 141, 110123	7	7
138	Mechanism of substrate transport and inhibition of the human LAT1-4F2hc amino acid transporter. <i>Cell Discovery</i> , <b>2021</b> , 7, 16	22.3	11
137	Selective Endocannabinoid Reuptake Inhibitor WOBE437 Reduces Disease Progression in a Mouse Model of Multiple Sclerosis. <i>ACS Pharmacology and Translational Science</i> , <b>2021</b> , 4, 765-779	5.9	8
136	Phylobioactive hotspots in plant resources used to treat Chagas disease. <i>iScience</i> , <b>2021</b> , 24, 102310	6.1	3
135	Cannabinoid Receptor Type-2 in B Cells Is Associated with Tumor Immunity in Melanoma. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
134	Characterization of pepcan-23 as pro-peptide of RVD-hemopressin (pepcan-12) and stability of hemopressins in mice. <i>Advances in Biological Regulation</i> , <b>2021</b> , 80, 100808	6.2	
133	ΔTetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2502-2510	4.9	8
132	Synthesis and Biological Evaluation of Endocannabinoid Uptake Inhibitors Derived from WOBE437. <i>ChemMedChem</i> , <b>2021</b> , 16, 145-154	3.7	0
131	Synthesis of Morpholine-Based Analogues of (-)-Zampanolide and Their Biological Activity. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5936-5943	4.8	2
130	Design, synthesis and biological evaluation of second-generation benzoylpiperidine derivatives as reversible monoacylglycerol lipase (MAGL) inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 209, 112857	6.8	9
129	Diacylglycerol lipase alpha in astrocytes is involved in maternal care and affective behaviors. <i>Glia</i> , <b>2021</b> , 69, 377-391	9	5
128	The ACSL3-LPIAT1 signaling drives prostaglandin synthesis in non-small cell lung cancer. <i>Oncogene</i> , <b>2020</b> , 39, 2948-2960	9.2	17
127	Modification on the 1,2-dihydro-2-oxo-pyridine-3-carboxamide core to obtain multi-target modulators of endocannabinoid system. <i>Bioorganic Chemistry</i> , <b>2020</b> , 94, 103353	5.1	5

126	The endocannabinoid system dual-target ligand N-cycloheptyl-1,2-dihydro-5-bromo-1-(4-fluorobenzyl)-6-methyl-2-oxo-pyridine-3-carboxamide improves disease severity in a mouse model of multiple sclerosis. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112858	6.8	8
125	Small molecule inhibitors provide insights into the relevance of LAT1 and LAT2 in materno-foetal amino acid transport. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 12681-12693	5.6	7
124	Antipsychotic natural products. <i>Annual Reports in Medicinal Chemistry</i> , <b>2020</b> , 55, 481-515	1.6	0
123	Development of High-Specificity Fluorescent Probes to Enable Cannabinoid Type 2 Receptor Studies in Living Cells. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16953-16964	16.4	12
122	Dysfunction of homeostatic control of dopamine by astrocytes in the developing prefrontal cortex leads to cognitive impairments. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 732-749	15.1	29
121	Optimizing TRPM4 inhibitors in the MHFP6 chemical space. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 166, 167-177	6.8	7
120	Optimization of a Benzoylpiperidine Class Identifies a Highly Potent and Selective Reversible Monoacylglycerol Lipase (MAGL) Inhibitor. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1932-1958	8.3	28
119	Paradoxical effects of JZL184, an inhibitor of monoacylglycerol lipase, on bone remodelling in healthy and cancer-bearing mice. <i>EBioMedicine</i> , <b>2019</b> , 44, 452-466	8.8	20
118	Cultural perception of triatomine bugs and Chagas disease in Bolivia: a cross-sectional field study. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 291	4	15
117	Scaffold and organism hopping with chemical probes. <i>Nature Chemical Biology</i> , <b>2019</b> , 15, 428-429	11.7	0
116	Cytotoxicity of the synthetic cannabinoids 5C-AKB48, 5F-MDMB-PINACA, ADB-CHMINACA, MDMB-CHMICA and NM-2201 in A549 and TR146 cell lines. <i>Forensic Toxicology</i> , <b>2019</b> , 37, 398-411	2.6	1
115	Synthesis, Profiling, and Bioactive Conformation of trans-Cyclopropyl Epothilones. <i>Helvetica Chimica Acta</i> , <b>2019</b> , 102, e1900078	2	1
114	Demystifying the liverwort <i>Radula marginata</i> , a critical review on its taxonomy, genetics, cannabinoid phytochemistry and pharmacology. <i>Phytochemistry Reviews</i> , <b>2019</b> , 18, 953-965	7.7	12
113	Total Synthesis of the Endocannabinoid Uptake Inhibitor Guineensine and SAR Studies. <i>ChemMedChem</i> , <b>2019</b> , 14, 1590-1596	3.7	2
112	Effects of gamma-hydroxybutyrate on neurophysiological correlates of performance and conflict monitoring. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 539-548	1.2	7
111	Synthesis of various arylated trifluoromethyl substituted indanes and indenes, and study of their biological activity. <i>Tetrahedron</i> , <b>2019</b> , 75, 624-632	2.4	11
110	Identification of potent and selective small molecule inhibitors of the cation channel TRPM4. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 2504-2519	8.6	28
109	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 1340-1354	8.3	28

108	Endocannabinoid Tone Regulates Human Sebocyte Biology. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 1699-1706	4.3	12
107	New cycloartane-type ester triterpenes from <i>Euphorbia pterococca</i> and biological evaluation. <i>Phytotherapy Research</i> , <b>2018</b> , 127, 271-278	3.2	9
106	ECaryophyllene protects against alcoholic steatohepatitis by attenuating inflammation and metabolic dysregulation in mice. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 320-334	8.6	47
105	The Endocannabinoid Reuptake Inhibitor WOBE437 Is Orally Bioavailable and Exerts Indirect Polypharmacological Effects via Different Endocannabinoid Receptors. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 180	6.1	12
104	The Intricate Influence of the Placebo Effect on Medical Cannabis and Cannabinoids. <i>Medical Cannabis and Cannabinoids</i> , <b>2018</b> , 1, 60-64	4.1	12
103	The LAT1 inhibitor JPH203 reduces growth of thyroid carcinoma in a fully immunocompetent mouse model. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 234	12.8	51
102	Uncovering the psychoactivity of a cannabinoid from liverworts associated with a legal high. <i>Science Advances</i> , <b>2018</b> , 4, eaat2166	14.3	37
101	Polypharmacological profile of 1,2-dihydro-2-oxo-pyridine-3-carboxamides in the endocannabinoid system. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 154, 155-171	6.8	12
100	Targeted metabolomics shows plasticity in the evolution of signaling lipids and uncovers old and new endocannabinoids in the plant kingdom. <i>Scientific Reports</i> , <b>2017</b> , 7, 41177	4.9	32
99	Biological evaluation of pyridone alkaloids on the endocannabinoid system. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 6102-6114	3.4	8
98	Neuronal oscillations and synchronicity associated with gamma-hydroxybutyrate during resting-state in healthy male volunteers. <i>Psychopharmacology</i> , <b>2017</b> , 234, 1957-1968	4.7	10
97	Cannabimimetic phytochemicals in the diet - an evolutionary link to food selection and metabolic stress adaptation?. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 1464-1483	8.6	24
96	Cannabinoid CB receptor ligand profiling reveals biased signalling and off-target activity. <i>Nature Communications</i> , <b>2017</b> , 8, 13958	17.4	173
95	An Endocannabinoid Uptake Inhibitor from Black Pepper Exerts Pronounced Anti-Inflammatory Effects in Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 9435-9442	5.7	20
94	Novel analogs of PSNCBAM-1 as allosteric modulators of cannabinoid CB1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 6427-6434	3.4	12
93	Pepcan-12 (RVD-hemopressin) is a CB2 receptor positive allosteric modulator constitutively secreted by adrenals and in liver upon tissue damage. <i>Scientific Reports</i> , <b>2017</b> , 7, 9560	4.9	43
92	4-ORmethylhonokiol protects from alcohol/carbon tetrachloride-induced liver injury in mice. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 1077-1089	5.5	5
91	Combined MEK and PI3Rkinase inhibition reveals synergy in targeting thyroid cancer in vitro and in vivo. <i>Oncotarget</i> , <b>2017</b> , 8, 24604-24620	3.3	17

90	Docking and QSAR Studies of Aryl-valproic Acid Derivatives to Identify Antiproliferative Agents Targeting the HDAC8. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 927-940	2.2	3
89	Chemical probes to potently and selectively inhibit endocannabinoid cellular reuptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5006-E5015	11.5	58
88	Cannabinoid Receptor 2 Modulates Susceptibility to Experimental Cerebral Malaria through a CCL17-dependent Mechanism. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19517-31	5.4	13
87	Assay of Endocannabinoid Uptake. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1412, 191-203	1.4	3
86	The Metabolic Plant Feedback Hypothesis: How Plant Secondary Metabolites Nonspecifically Impact Human Health. <i>Planta Medica</i> , <b>2016</b> , 82, 920-9	3.1	16
85	Quantitative analysis of arachidonic acid, endocannabinoids, N-acylethanolamines and steroids in biological samples by LCMS/MS: Fit to purpose. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1012-1013, 215-21	3.2	4
84	Synthesis, Biological Profiling and Determination of the Tubulin-Bound Conformation of 12-Aza-Epothilones (Azathilones). <i>Molecules</i> , <b>2016</b> , 21,	4.8	3
83	Pharmacokinetics and pharmacodynamics of $\gamma$ -hydroxybutyrate in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 81, 980-8	3.8	34
82	Synthesis and pharmacological evaluation of new biphenylic derivatives as CB2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 116, 252-266	6.8	9
81	Inhibition of fatty acid amide hydrolase exerts cutaneous anti-inflammatory effects both in vitro and in vivo. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 328-30	4	24
80	Gamma-hydroxybutyrate enhances mood and prosocial behavior without affecting plasma oxytocin and testosterone. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 62, 1-10	5	28
79	Elevated levels of endocannabinoids in chronic hepatitis C may modulate cellular immune response and hepatic stellate cell activation. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 7057-76	6.3	26
78	Reactions of CF <sub>3</sub> -enones with arenes under superelectrophilic activation: a pathway to trans-1,3-diaryl-1-CF <sub>3</sub> -indanes, new cannabinoid receptor ligands. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 8827-42	3.9	27
77	Development of an HPLC/UV assay for the evaluation of inhibitors of human recombinant monoacylglycerol lipase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 108, 113-21	3.5	6
76	Ether-Substituted Group 4 Metallocene Complexes: Cytostatic Effects and Applications in Ethylene Polymerization. <i>Organometallics</i> , <b>2015</b> , 34, 2522-2532	3.8	18
75	Endocannabinoid transport revisited. <i>Vitamins and Hormones</i> , <b>2015</b> , 98, 441-85	2.5	69
74	Localization and production of peptide endocannabinoids in the rodent CNS and adrenal medulla. <i>Neuropharmacology</i> , <b>2015</b> , 98, 78-89	5.5	33
73	Characterizing new fluorescent tools for studying 5-HT <sub>2</sub> receptor pharmacology. <i>Neuropharmacology</i> , <b>2015</b> , 90, 63-73	5.5	15

72	A quantitative LC-MS/MS method for the measurement of arachidonic acid, prostanoids, endocannabinoids, N-acyl ethanolamines and steroids in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 976-977, 6-18	3.2	55
71	4RO-methylhonokiol increases levels of 2-arachidonoyl glycerol in mouse brain via selective inhibition of its COX-2-mediated oxygenation. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 89	10.1	16
70	Guineensine is a novel inhibitor of endocannabinoid uptake showing cannabimimetic behavioral effects in BALB/c mice. <i>Pharmacological Research</i> , <b>2014</b> , 80, 52-65	10.2	47
69	The cannabinoid CB <sub>1</sub> receptor-selective phytocannabinoid beta-caryophyllene exerts analgesic effects in mouse models of inflammatory and neuropathic pain. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, 608-20	1.2	152
68	Functionalization of $\beta$ -caryophyllene generates novel polypharmacology in the endocannabinoid system. <i>ACS Chemical Biology</i> , <b>2014</b> , 9, 1499-507	4.9	54
67	Discovery of potent positive allosteric modulators of the $\alpha 5$ nicotinic acetylcholine receptor by a chemical space walk in ChEMBL. <i>ACS Chemical Neuroscience</i> , <b>2014</b> , 5, 346-59	5.7	18
66	One-pot heterogeneous synthesis of $(\pm)$ -tetrahydrocannabinol analogues and xanthenes showing differential binding to CB(1) and CB(2) receptors. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 77-86	6.8	12
65	Functionally Optimized Neuritogenic Farinosone C Analogs: SAR-Study and Investigations on Their Mode of Action. <i>ACS Medicinal Chemistry Letters</i> , <b>2014</b> , 5, 172-7	4.3	15
64	Identification of endocannabinoid system-modulating N-alkylamides from <i>Heliopsis helianthoides</i> var. <i>scabra</i> and <i>Lepidium meyenii</i> . <i>Journal of Natural Products</i> , <b>2014</b> , 77, 1663-9	4.9	46
63	Variation of the detergent-binding capacity and phospholipid content of membrane proteins when purified in different detergents. <i>Biophysical Journal</i> , <b>2014</b> , 106, 1660-70	2.9	45
62	Correlating FAAH and anandamide cellular uptake inhibition using N-alkylcarbamate inhibitors: from ultrapotent to hyperpotent. <i>Biochemical Pharmacology</i> , <b>2014</b> , 92, 669-89	6	27
61	Bioprospecting: evolutionary implications from a post-olmec pharmacopoeia and the relevance of widespread taxa. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 147, 92-107	5	25
60	Cannabinoid receptor trafficking in peripheral cells is dynamically regulated by a binary biochemical switch. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 1393-412	6	19
59	Total synthesis of (-)-zampanolide and structure-activity relationship studies on (-)-dactylolide derivatives. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16868-83	4.8	40
58	Lead discovery, chemistry optimization, and biological evaluation studies of novel biamide derivatives as CB2 receptor inverse agonists and osteoclast inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 9973-87	8.3	37
57	The cannabinoid CB1 receptor antagonists rimonabant (SR141716) and AM251 directly potentiate GABA(A) receptors. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 2479-84	8.6	29
56	The antinociceptive triterpene $\beta$ -myrrin inhibits 2-arachidonoylglycerol (2-AG) hydrolysis without directly targeting cannabinoid receptors. <i>British Journal of Pharmacology</i> , <b>2012</b> , 167, 1596-608	8.6	54
55	Synthesis and cytotoxic activity of non-naturally substituted 4-oxycoumarin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 5791-4	2.9	22

54	Mitochondrial CB <sub>1</sub> receptors regulate neuronal energy metabolism. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 558-64	5.5	337
53	Δ <sup>9</sup> -Tetrahydrocannabinol ameliorates cisplatin-induced nephrotoxicity in a cannabinoid 2 receptor-dependent manner. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1325-33	7.8	92
52	Identification and quantification of a new family of peptide endocannabinoids (Pepcans) showing negative allosteric modulation at CB <sub>1</sub> receptors. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 36944-67	5.4	125
51	Evidence for bidirectional endocannabinoid transport across cell membranes. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 34660-82	5.4	93
50	Modulation of L-Phosphatidylinositol/GPR55 mitogen-activated protein kinase (MAPK) signaling by cannabinoids. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 91-104	5.4	106
49	Plant volatiles: production, function and pharmacology. <i>Natural Product Reports</i> , <b>2011</b> , 28, 1359-80	15.1	204
48	Mutagenesis and computer modeling studies of a GPCR conserved residue W5.43(194) in ligand recognition and signal transduction for CB <sub>2</sub> receptor. <i>International Immunopharmacology</i> , <b>2011</b> , 11, 1303-10	5.8	21
47	Plant immunostimulants--scientific paradigm or myth?. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 136, 385-91	5	37
46	Stereoselective synthesis of 12,13-cyclopropyl-epothilone B and side-chain-modified variants. <i>Organic Letters</i> , <b>2011</b> , 13, 1436-9	6.2	17
45	Biodiversity and chemodiversity: future perspectives in bioprospecting. <i>Current Drug Targets</i> , <b>2011</b> , 12, 1515-30	3	11
44	Endocannabinoid content in fetal bovine sera - unexpected effects on mononuclear cells and osteoclastogenesis. <i>Journal of Immunological Methods</i> , <b>2011</b> , 373, 219-28	2.5	37
43	Effects of Echinaforce <sup>®</sup> treatment on ex vivo-stimulated blood cells. <i>Phytomedicine</i> , <b>2011</b> , 18, 826-31	6.5	23
42	Molecular docking and pharmacogenomics of vinca alkaloids and their monomeric precursors, vindoline and catharanthine. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 723-35	6	30
41	Mechanisms of osteoclastogenesis inhibition by a novel class of biphenyl-type cannabinoid CB <sub>2</sub> receptor inverse agonists. <i>Chemistry and Biology</i> , <b>2011</b> , 18, 1053-64		56
40	Botanical drugs, synergy, and network pharmacology: forth and back to intelligent mixtures. <i>Planta Medica</i> , <b>2011</b> , 77, 1086-98	3.1	142
39	The major central endocannabinoid directly acts at GABA(A) receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18150-5	11.5	125
38	Ginger phenylpropanoids inhibit IL-1β and prostanoid secretion and disrupt arachidonate-phospholipid remodeling by targeting phospholipases A <sub>2</sub> . <i>Journal of Immunology</i> , <b>2011</b> , 187, 4140-50	5.3	32
37	Phytocannabinoids beyond the Cannabis plant - do they exist?. <i>British Journal of Pharmacology</i> , <b>2010</b> , 160, 523-9	8.6	123

36	Stereoselective synthesis of a monocyclic peloruside a analogue. <i>Organic Letters</i> , <b>2010</b> , 12, 1120-3	6.2	48
35	Synthesis of (-)-dactyloide and 13-desmethylene-(-)-dactyloide and their effects on tubulin. <i>Organic Letters</i> , <b>2010</b> , 12, 2302-5	6.2	54
34	Structure-activity relationship and mechanism of action studies of manzamine analogues for the control of neuroinflammation and cerebral infections. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 61-76	8.3	70
33	Cannabinoid receptor ligands as potential anticancer agents [high hopes for new therapies?]. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 61, 839-853	4.8	2
32	Falcarinol is a covalent cannabinoid CB1 receptor antagonist and induces pro-allergic effects in skin. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1815-26	6	72
31	Identification of serotonin 5-HT1A receptor partial agonists in ginger. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 3345-51	3.4	28
30	In silico target fishing for rationalized ligand discovery exemplified on constituents of <i>Ruta graveolens</i> . <i>Planta Medica</i> , <b>2009</b> , 75, 195-204	3.1	111
29	The laulimalide family: total synthesis and biological evaluation of neolaulimalide, isolaulimalide, laulimalide and a nonnatural analogue. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 5979-97	4.8	50
28	Epothilone analogues with benzimidazole and quinoline side chains: chemical synthesis, antiproliferative activity, and interactions with tubulin. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 10144-57	4.8	25
27	Synthesis and biological evaluation of a des-dihydropyran laulimalide analog. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 5790-5792	2	21
26	Synthesis and SAR of C12-C13-oxazoline derivatives of epothilone A. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 3760-3	2.9	19
25	Synergistic immunopharmacological effects of N-alkylamides in <i>Echinacea purpurea</i> herbal extracts. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 850-8	5.8	64
24	How scientific is the science in ethnopharmacology? Historical perspectives and epistemological problems. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 122, 177-83	5	130
23	Discovery of novel CB2 receptor ligands by a pharmacophore-based virtual screening workflow. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 369-78	8.3	30
22	Conformational preferences of natural and C3-modified epothilones in aqueous solution. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 1469-73	8.3	45
21	Epothilones as lead structures for the synthesis-based discovery of new chemotypes for microtubule stabilization. <i>Accounts of Chemical Research</i> , <b>2008</b> , 41, 21-31	24.3	83
20	Total synthesis of hypermodified epothilone analogs with potent in vitro antitumor activity. <i>Organic Letters</i> , <b>2008</b> , 10, 1183-6	6.2	27
19	Anti-inflammatory cannabinoids in diet: Towards a better understanding of CB(2) receptor action?. <i>Communicative and Integrative Biology</i> , <b>2008</b> , 1, 26-8	1.7	63



18	Immunomodulatory lipids in plants: plant fatty acid amides and the human endocannabinoid system. <i>Planta Medica</i> , <b>2008</b> , 74, 638-50	3.1	39
17	Beta-caryophyllene is a dietary cannabinoid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 9099-104	11.5	497
16	Total synthesis of the marine diterpenoid blumiolide C. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 10081-5	16.4	32
15	New cytotoxic saturated and unsaturated cyclohexanones from <i>Anthemis maritima</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 1559-62	2.9	19
14	Anticancer drugs from nature--natural products as a unique source of new microtubule-stabilizing agents. <i>Natural Product Reports</i> , <b>2007</b> , 24, 327-57	15.1	205
13	Stereoselective synthesis, natural occurrence and CB(2) receptor binding affinities of alkylamides from herbal medicines such as <i>Echinacea</i> sp. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 169-74	3.9	25
12	Design and synthesis of 12-aza-epothilones (azathilones)--"non-natural" natural products with potent anticancer activity. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5880-5	16.4	25
11	New natural noncannabinoid ligands for cannabinoid type-2 (CB2) receptors. <i>Journal of Receptor and Signal Transduction Research</i> , <b>2006</b> , 26, 709-30	2.6	31
10	Alkylamides from <i>Echinacea</i> are a new class of cannabinomimetics. Cannabinoid type 2 receptor-dependent and -independent immunomodulatory effects. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 14192-206	5.4	178
9	New cytotoxic prenylated isoflavonoids from <i>Bituminaria morisiana</i> . <i>Planta Medica</i> , <b>2005</b> , 71, 254-60	3.1	34
8	<i>Phyllanthus piscatorum</i> , ethnopharmacological studies on a women's medicinal plant of the Yanomamö Amerindians. <i>Journal of Ethnopharmacology</i> , <b>2004</b> , 91, 181-8	5	10
7	Antifungal, antiprotozoal, cytotoxic and piscicidal properties of Justicidin B and a new aryl-naphthalide lignan from <i>Phyllanthus piscatorum</i> . <i>Planta Medica</i> , <b>2003</b> , 69, 420-4	3.1	68
6	Influence of helenanolide-type sesquiterpene lactones on gene transcription profiles in Jurkat T cells and human peripheral blood cells: anti-inflammatory and cytotoxic effects. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 2141-53	6	47
5	Curcumin differentially modulates mRNA profiles in Jurkat T and human peripheral blood mononuclear cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 1057-63	3.4	23
4	Cytotoxic versus anti-inflammatory effects in HeLa, Jurkat T and human peripheral blood cells caused by guaianolide-type sesquiterpene lactones. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 3659-63	3.4	29
3	Quinolizidine alkaloids from the curare adjuvant <i>Clathrotropis glaucophylla</i> . <i>Phytochemistry</i> , <b>2002</b> , 61, 975-8	4	33
2	Relative quantification of mRNA levels in Jurkat T cells with RT-real time-PCR (RT-rt-PCR): new possibilities for the screening of anti-inflammatory and cytotoxic compounds. <i>Pharmaceutical Research</i> , <b>2002</b> , 19, 1236-43	4.5	23
1	Yucatec Mayan medicinal plants: evaluation based on indigenous uses. <i>Journal of Ethnopharmacology</i> , <b>2002</b> , 79, 43-52	5	69

