Jordan K Zjawiony

List of Publications by Year
in descending order

117 papers	4,664 citations	81889 39 h-index	106340 65 g-index
127 all docs	127 docs citations	127 times ranked	4626 citing authors

#	Article	IF	Citations
1	Rotenoids and Other Specialized Metabolites from the Roots of Mirabilis multiflora: Opioid and Cannabinoid Receptor Radioligand Binding Affinities. Journal of Natural Products, 2021, 84, 1392-1396.	3.0	4
2	Critical interactions between opioid and cannabinoid receptors during tolerance and physical dependence development to opioids in the murine gastrointestinal tract: proof of concept. Pharmacological Reports, 2021, 73, 1147-1154.	3.3	1
3	Involvement of the Benzodiazepine Site in the Anticonvulsant Activity of Tapinanthus globiferus against Pentylenetetrazole-induced Seizures in Mice. Planta Medica, 2020, 86, 1204-1215.	1.3	5
4	Salvindolin elicits opioid system-mediated antinociceptive and antidepressant-like activities. Journal of Psychopharmacology, 2019, 33, 865-881.	4.0	11
5	Cutting-Edge Search for Safer Opioid Pain Relief: Retrospective Review of Salvinorin A and Its Analogs. Frontiers in Psychiatry, 2019, 10, 157.	2.6	17
6	Phytochemistry and biological activities of Polemonium caeruleum L.. Phytochemistry Letters, 2019, 30, 314-323.	1.2	16
7	Therapeutic potential of mistletoe in CNS-related neurological disorders and the chemical composition of Viscum species. Journal of Ethnopharmacology, 2019, 231, 241-252.	4.1	26
8	Anti-inflammatory Dimeric 2-(2-Phenylethyl)chromones from the Resinous Wood of Aquilaria sinensis. Journal of Natural Products, 2018, 81, 543-553.	3.0	62
9	LC-MS-Guided Isolation of Insulin-Secretion-Promoting Monoterpenoid Carbazole Alkaloids from Murraya microphylla. Journal of Natural Products, 2018, 81, 2371-2380.	3.0	4
10	Aplysinopsins as Promising Marine Natural Product Drug Leads: Recent Developments. Grand Challenges in Biology and Biotechnology, 2018, , 191-215.	2.4	6
11	22-azidosalvinorin A exhibits antidepressant-like effect in mice. European Journal of Pharmacology, 2017, 800, 96-106.	3.5	7
12	Salvinorin A Inhibits Airway Hyperreactivity Induced by Ovalbumin Sensitization. Frontiers in Pharmacology, 2017, 7, 525.	3.5	28
13	Preclinical Assessment of Cardiovascular Alterations Induced by Birch Polypore Mushroom, Piptoporus betulinus (Agaricomycetes). International Journal of Medicinal Mushrooms, 2017, 19, 257-265.	1.5	1
14	ANTIFUNGAL ACTIVITY OF THE ROOT EXTRACTS OF PULSATILLA PATENS AGAINST CANDIDA GLABRATA. Acta Poloniae Pharmaceutica, 2017, 74, 179-185.	0.1	1
15	The Plant Salvia divinorum (Lamiaceae)â€"Chemistry and Pharmacology. , 2016, , 551-560.		0
16	Phellinus igniarius: A Pharmacologically Active Polypore Mushroom. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	11
17	Nitric Oxide Inhibitory Meroterpenoids from the Fungus Penicillium purpurogenum MHZ 111. Journal of Natural Products, 2016, 79, 1415-1422.	3.0	43
18	The hallucinogenic diterpene salvinorin A inhibits leukotriene synthesis in experimental models of inflammation. Pharmacological Research, 2016, 106, 64-71.	7.1	25

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19	Nitric Oxide Inhibitory Dimeric Sesquiterpenoids from Artemisia rupestris. Journal of Natural Products, 2016, 79, 213-223.	3.0	36
20	Oleanolic acid acrylate elicits antidepressant-like effect mediated by 5-HT1A receptor. Scientific Reports, 2015, 5, 11582.	3.3	18
21	Salvinorin <scp>A</scp> analogues <scp>PR</scp>â€37 and <scp>PR</scp>â€38 attenuate compound 48/80â€induced itch responses in mice. British Journal of Pharmacology, 2015, 172, 4331-4341.	5.4	16
22	Effect of Non-psychotropic Plant-derived Cannabinoids on Bladder Contractility: Focus on Cannabigerol. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	6
23	Anti-inflammatory Coumarin and Benzocoumarin Derivatives from Murraya alata. Journal of Natural Products, 2015, 78, 279-285.	3.0	86
24	The G Proteinâ€"Biased Î-Opioid Receptor Agonist RB-64 Is Analgesic with a Unique Spectrum of Activities In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 98-109.	2.5	153
25	Novel activities of CYP11A1 and their potential physiological significance. Journal of Steroid Biochemistry and Molecular Biology, 2015, 151, 25-37.	2.5	235
26	Anti-inflammatory Labdane Diterpenoids from Leonurus macranthus. Journal of Natural Products, 2015, 78, 2276-2285.	3.0	42
27	IDENTIFICATION CHALLENGES IN EXAMINATION OF COMMERCIAL PLANT MATERIAL OF PSYCHOTRIA VIRIDIS. Acta Poloniae Pharmaceutica, 2015, 72, 747-55.	0.1	5
28	Cytochromes P450 and Skin Cancer: Role of Local Endocrine Pathways. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 77-96.	1.7	78
29	Plurality of anxiety and depression alteration mechanism by oleanolic acid. Journal of Psychopharmacology, 2014, 28, 923-934.	4.0	28
30	Novel Orally Available Salvinorin A Analog PR-38 Inhibits Gastrointestinal Motility and Reduces Abdominal Pain in Mouse Models Mimicking Irritable Bowel Syndrome. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 69-78.	2.5	31
31	Michael acceptor approach to the design of new salvinorin A-based high affinity ligands for the kappa-opioid receptor. European Journal of Medicinal Chemistry, 2014, 85, 818-829.	5.5	21
32	Vegetative anatomy and micromorphology of Salvia divinorum (Lamiaceae) from Mexico, combined with chromatographic analysis of salvinorin A. Journal of Natural Medicines, 2014, 68, 63-73.	2.3	11
33	The effect of Salvia divinorum and Mitragyna speciosa extracts, fraction and major constituents on place aversion and place preference in rats. Journal of Ethnopharmacology, 2014, 151, 361-364.	4.1	36
34	Novel orally available salvinorin A analog PR-38 protects against experimental colitis and reduces abdominal pain in mice by interaction with opioid and cannabinoid receptors. Biochemical Pharmacology, 2014, 92, 618-626.	4.4	28
35	Identification of Novel Functionally Selective Î-Opioid Receptor Scaffolds. Molecular Pharmacology, 2014, 85, 83-90.	2.3	117
36	Two new dihydroamentoflavone glycosides fromCycas revoluta. Natural Product Research, 2014, 28, 41-47.	1.8	16

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37	Anxiolytic and antidepressant like effects of natural food flavour (E)-methyl isoeugenol. Food and Function, 2014, 5, 1819-1828.	4.6	26
38	Anti-inflammatory Ursane- and Oleanane-Type Triterpenoids from Vitex negundo var. cannabifolia. Journal of Natural Products, 2014, 77, 2248-2254.	3.0	46
39	Hypotensive and antihypertensive potential of 4-[(1-phenyl-1H-pyrazol-4-yl) methyl]1-piperazine carboxylic acid ethyl ester: A piperazine derivative. Life Sciences, 2014, 112, 90-96.	4.3	4
40	Anti-inflammatory Labdane Diterpenoids from Lagopsis supina. Journal of Natural Products, 2014, 77, 1047-1053.	3.0	30
41	Labdane Diterpenoids from Leonotis leonurus. Phytochemistry, 2013, 91, 229-235.	2.9	29
42	In vitro structureâ€“activity relationships of aplysinopsin analogs and their in vivo evaluation in the chick anxietyâ€“depression model. Bioorganic and Medicinal Chemistry, 2013, 21, 7083-7090.	3.0	11
43	Kappa-opioid receptor-selective dicarboxylic ester-derived salvinorin A ligands. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2860-2862.	2.2	13
44	Triterpenoids and flavonoids from Cecropia schreberiana Miq. (Urticaceae). Biochemical Systematics and Ecology, 2013, 48, 96-99.	1.3	8
45	Novel vitamin D photoproducts and their precursors in the skin. Dermato-Endocrinology, 2013, 5, 7-19.	1.8	56
46	Synthesis and evaluation of aplysinopsin analogs as inhibitors of human monoamine oxidase A and B. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4926-4929.	2.2	18
47	Salvinorin A Reduces Mechanical Allodynia and Spinal Neuronal Hyperexcitability Induced by Peripheral Formalin Injection. Molecular Pain, 2012, 8, 1744-8069-8-60.	2.1	43
48	Human Cytochrome P450scc (CYP11A1) Catalyzes Epoxide Formation with Ergosterol. Drug Metabolism and Disposition, 2012, 40, 436-444.	3.3	30
49	Salvinorin A has antiinflammatory and antinociceptive effects in experimental models of colitis in mice mediated by KOR and CB1 receptors*. Inflammatory Bowel Diseases, 2012, 18, 1137-1145.	1.9	61
50	Bis-spirolabdane Diterpenoids from Leonotis nepetaefolia. Journal of Natural Products, 2012, 75, 728-734.	3.0	25
51	Antileishmanial Germacranolides fromCalea zacatechichi. Planta Medica, 2011, 77, 749-753.	1.3	26
52	Labdane Diterpenoids from Leonurus sibiricus. Journal of Natural Products, 2011, 74, 831-836.	3.0	38
53	Synthesis and photochemical transformation of 3Î²,21-dihydroxypregna-5,7-dien-20-one to novel secosteroids that show anti-melanoma activity. Steroids, 2011, 76, 193-203.	1.8	45
54	Differential effects of salvinorin A on endotoxin-induced hypermotility and neurogenic ion transport in mouse ileum. Neurogastroenterology and Motility, 2011, 23, 583-e212.	3.0	10

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55	Ultrapotent effects of salvinorin A, a hallucinogenic compound from Salvia divinorum, on LPS-stimulated murine macrophages and its anti-inflammatory action in vivo. Journal of Molecular Medicine, 2011, 89, 891-902.	3.9	50
56	Synthesis and biological evaluation of new salvinorin A analogues incorporating natural amino acids. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 160-163.	2.2	10
57	Inhibitory effect and transcriptional impact of berberine and evodiamine on human white preadipocyte differentiation. FÃ¬toterapÃ¬Ã¢, 2010, 81, 259-268.	2.2	42
58	Products of Vitamin D3 or 7-Dehydrocholesterol Metabolism by Cytochrome P450scc Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. PLoS ONE, 2010, 5, e9907.	2.5	135
59	Phytochemical Investigation ofCycas circinalisandCycas revolutaLeaflets: Moderately Active Antibacterial Biflavonoids. Planta Medica, 2010, 76, 796-802.	1.3	57
60	Intramolecular Transacetylation in Salvinorins D and E. Journal of Natural Products, 2010, 73, 707-708.	3.0	17
61	A new steroidal 5,7-diene derivative, 3Î²-hydroxyandrosta-5,7-diene-17Î²-carboxylic acid, shows potent anti-proliferative activity. Steroids, 2010, 75, 230-239.	1.8	21
62	Chemical synthesis of 20S-hydroxyvitamin D3, which shows antiproliferative activity. Steroids, 2010, 75, 926-935.	1.8	61
63	Sequential Metabolism of 7-Dehydrocholesterol to Steroidal 5,7-Dienes in Adrenal Glands and Its Biological Implication in the Skin. PLoS ONE, 2009, 4, e4309.	2.5	84
64	In vitrostudies on metabolism of salvinorin A. Pharmaceutical Biology, 2009, 47, 1078-1084.	2.9	11
65	Salvinorin A inhibits colonic transit and neurogenic ion transport in mice by activating Î¹â€opioid and cannabinoid receptors. Neurogastroenterology and Motility, 2009, 21, 1326.	3.0	62
66	Photo-conversion of two epimers (20R and 20S) of pregna-5,7-diene-3Î², 17Î±, 20-triol and their bioactivity in melanoma cells. Steroids, 2009, 74, 218-228.	1.8	60
67	Salvinorins J from Salvia divinorum: Mutarotation in the Neoclerodane System. Journal of Natural Products, 2009, 72, 1361-1363.	3.0	21
68	Structure-Based Design, Synthesis, and Biochemical and Pharmacological Characterization of Novel Salvinorin A Analogues as Active State Probes of the Î¹-Opioid Receptor. Biochemistry, 2009, 48, 6898-6908.	2.5	65
69	Aplysinopsins - Marine Indole Alkaloids: Chemistry, Bioactivity and Ecological Significance. Marine Drugs, 2009, 7, 166-183.	4.6	82
70	Antimicrobial and Antiviral Metabolites from Polypore Fungi. , 2009, , .		0
71	Selective natural kappa opioid and cannabinoid receptor agonists with a potential role in the treatment of gastrointestinal dysfunction. Drug News and Perspectives, 2009, 22, 383.	1.5	19
72	(2S,4aR,6aR,7R,9S,10aS,10bR)-7-Carboxy-2-(3-furyl)-6a,10b-dimethyl-4,10-dioxoperhydrobenzo[f]isochromen-9-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o471-o472.	0.2	0

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73	Short synthesis of a novel class of salvinorin A analogs with hemiacetalic structure. Tetrahedron Letters, 2008, 49, 937-940.	1.4	10
74	Pathways and products for the metabolism of vitamin D3 by cytochrome P450scc. FEBS Journal, 2008, 275, 2585-2596.	4.7	109
75	Inhibitory effect of salvinorin A, from Salvia divinorum, on ileitisâ€induced hypermotility: crossâ€talk between Î¹â€opioid and cannabinoid CB₁ receptors. British Journal of Pharmacology, 2008, 155, 681-689.	5.4	72
76	Synthesis and photo-conversion of androsta- and pregna-5,7-dienes to vitamin D3-like derivatives. Photochemical and Photobiological Sciences, 2008, 7, 1570-1576.	2.9	38
77	Metabolism of 1Î±-hydroxyvitamin D3 by cytochrome P450scc to biologically active 1Î±,20-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 213-219.	2.5	46
78	Unusual hemiacetal structure derived from Salvinorin A. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1370-o1371.	0.2	0
79	Antitubercular Activity of Mushrooms (Basidiomycetes) and their Metabolites. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	0
80	Unambiguous NMR spectral assignments of salvinorin A. Magnetic Resonance in Chemistry, 2007, 45, 351-354.	1.9	14
81	Convenient synthesis and in vitro pharmacological activity of 2-thioanalogs of salvinorins A and B. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2229-2232.	2.2	27
82	Biosynthesis of salvinorin A proceeds via the deoxyxylulose phosphate pathway. Phytochemistry, 2007, 68, 1872-1881.	2.9	44
83	The hallucinogenic herb Salvia divinorum and its active ingredient salvinorin A reduce inflammation-induced hypermotility in mice. Neurogastroenterology and Motility, 2007, 20, 070907093643003-???.	3.0	28
84	5-Alkylresorcinols from Merulius incarnatus. Journal of Natural Products, 2006, 69, 704-706.	3.0	34
85	Potent Skin Cancer Chemopreventing Activity of Some Novel Semi-synthetic Cembranoids from Marine Sources. Marine Drugs, 2006, 4, 28-36.	4.6	19
86	An alternative pathway of vitamin D2 metabolism. FEBS Journal, 2006, 273, 2891-2901.	4.7	90
87	The hallucinogenic herb Salvia divinorum and its active ingredient salvinorin A inhibit enteric cholinergic transmission in the guinea-pig ileum. Neurogastroenterology and Motility, 2006, 18, 69-75.	3.0	52
88	Bioisosteric Modification of Salvinorin A, a Potent and Selective Kappa-Opioid Receptor Agonist. Arzneimittelforschung, 2006, 56, 269-275.	0.4	12
89	Enzymatic Metabolism of Ergosterol by Cytochrome P450scc to Biologically Active 17Î±,24-Dihydroxyergosterol. Chemistry and Biology, 2005, 12, 931-939.	6.0	67
90	The cytochrome P450scc system opens an alternate pathway of vitaminâ€ƒD3 metabolism. FEBS Journal, 2005, 272, 4080-4090.	4.7	142

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91	Merulius incarnates Schwein., a Rare Mushroom with Highly Selective Antimicrobial Activity. International Journal of Medicinal Mushrooms, 2005, 7, 365-366.	1.5	0
92	Merulius incarnates Schwein., a Rare Mushroom with Highly Selective Antimicrobial Activity. International Journal of Medicinal Mushrooms, 2005, 7, 365-366.	1.5	1
93	Identification of the Molecular Mechanisms by Which the Diterpenoid Salvinorin A Binds to Î¹-Opioid Receptorsâ€. Biochemistry, 2005, 44, 8643-8651.	2.5	84
94	An Improved Synthesis of 7, 8-Epoxy-1,3,11-cembratriene-15R(Î±), 16-diol, a Cembranoid of Marine Origin with a Potent Cancer Chemopreventive Activity. Marine Drugs, 2004, 2, 1-7.	4.6	26
95	A novel pathway for sequential transformation of 7â€dehydrocholesterol and expression of the P450scc system in mammalian skin. FEBS Journal, 2004, 271, 4178-4188.	0.2	219
96	A Direct Synthesis of 3,5â€Dibromoâ€Oâ€methylâ€Lâ€tyrosine. Synthetic Communications, 2004, 34, 547-555.	2.1	7
97	Salvinorin A, an Active Component of the Hallucinogenic Sage Salvia divinorum Is a Highly Efficacious Î¹-Opioid Receptor Agonist: Structural and Functional Considerations. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 1197-1203.	2.5	194
98	Biologically Active Compounds from Aphyllophorales (Polypore) FungiâŠ¥. Journal of Natural Products, 2004, 67, 300-310.	3.0	281
99	A semi-synthetic analog of the cembranoid sarcophine. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o85-o87.	0.4	1
100	Concentrationâ€Dependent Variation of1Hâ€NMR Chemical Shifts of Aromatic Protons in Sampangine Derivatives. Spectroscopy Letters, 2003, 36, 477-485.	1.0	3
101	Semisynthesis of New Sarcophine Derivatives with Chemopreventive Activityâ€. Journal of Natural Products, 2002, 65, 1809-1814.	3.0	43
102	Absolute configuration, conformation, and chiral properties of flavanone-(3â†'8â€³)-flavone biflavonoids from Rheedia acuminata. Tetrahedron, 2002, 58, 8709-8717.	1.9	62
103	The Identification, Mechanism, and Improved Synthesis of a New and Unique Heterocyclic System with a Fused Imidazole Ring. Heterocycles, 2001, 54, 721.	0.7	4
104	Theoretical and Experimental Aspects of Bromination of Sampangine. Chemistry Letters, 2000, 29, 568-569.	1.3	3
105	Marine Natural Products as Antituberculosis Agents. Tetrahedron, 2000, 56, 949-953.	1.9	169
106	Amino- and Urea-Substituted Thiazoles Inhibit Photosynthetic Electron Transfer. Journal of Agricultural and Food Chemistry, 2000, 48, 3689-3693.	5.2	25
107	Marine Natural Products as Leads to Develop New Drugs and Insecticides. , 1999, , .		0
108	Chemistry of Puupehenone:â€‰ 1,6-Conjugate Addition to Its Quinoneâ€'Methide System. Journal of Natural Products, 1998, 61, 1502-1508.	3.0	31

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109	Studies on methoxylation in the 7Hâ€naphtho[1,2,3â€l,j][2,7]naphthyridinâ€7â€one system. Journal of Heterocyclic Chemistry, 1997, 34, 1233-1237.	2.6	6
110	Antifungal copyrine alkaloids: crystal structure of 3-methylsampangine. Journal of Chemical Crystallography, 1995, 25, 223-226.	1.1	1
111	N-benzoyl-(2R,3S)-3-phenylisoserine methyl ester; a facile and convenient synthesis and resolution by entrainment. Tetrahedron: Asymmetry, 1994, 5, 1683-1688.	1.8	17
112	Chemistry of Sampangines. Heterocycles, 1994, 39, 779.	0.7	15
113	Copyrine alkaloids: synthesis, spectroscopic characterization, and antimycotic/antimycobacterial activity of A- and B-ring-functionalized sampangines. Journal of Medicinal Chemistry, 1992, 35, 4069-4077.	6.4	96
114	Synthesis of a photoreactive taxol side chain. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 91-94.	2.2	10
115	AN IMPROVED SYNTHESIS OF NAPHTHO[2,3-d]-1,3-DIOXOLE-5-METHOXY-6-CARBOXYLIC ACID. Organic Preparations and Procedures International, 1991, 23, 163-172.	1.3	6
116	1-diphenylphosphinyl-2,2-dimethylaziridine - a new precursor of Î±,Î±-dimethylarylalkylamines. Tetrahedron Letters, 1985, 26, 1245-1248.	1.4	5
117	Unusual reaction of an 9t11-unsaturated ring a aromatic bmd-steroid with N-bromsuccinimide. Tetrahedron Letters, 1978, 19, 639-642.	1.4	1