

Josef Hajicek

List of Publications by Year in descending order

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36
papers

746
citations

516710

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docs citations

40
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution of the multistep pathway for assembly of corynanthean, strychnos, iboga, and aspidoasperma monoterpene indole alkaloids from 19-epi- <i>β</i> -geissoschizine. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3180-3185.	7.1	121
2	Determination of the Absolute Configurations of Natural Products via Density Functional Theory Calculations of Vibrational Circular Dichroism, Electronic Circular Dichroism and Optical Rotation: The Schizogyne Alkaloid Schizogyne. Journal of Organic Chemistry, 2007, 72, 2508-2524.	3.2	100
3	Determination of the absolute configurations of natural products via density functional theory calculations of vibrational circular dichroism, electronic circular dichroism, and optical rotation: The iso- <i>β</i> -schizogyne alkaloids isoschizogaline and isoschizogamine. Chirality, 2008, 20, 454-470.	2.6	62
4	Revised structure of isoschizogamine. Tetrahedron Letters, 1998, 39, 505-508.	1.4	48
5	Tetrodotoxin: History, Biology, and Synthesis. Angewandte Chemie - International Edition, 2019, 58, 18338-18387.	13.8	47
6	Recent developments in syntheses of the post-secodine indole alkaloids. Part III: Rearranged alkaloid types. Collection of Czechoslovak Chemical Communications, 2011, 76, 2023-2083.	1.0	30
7	Towards schizogyne: synthesis of 15 β -hydroxystrempeliopine. Tetrahedron Letters, 2005, 46, 7909-7911.	1.4	26
8	A Review on Recent Developments in Syntheses of the post-Secodine Indole Alkaloids. Part II: Modified Alkaloid Types. Collection of Czechoslovak Chemical Communications, 2007, 72, 821-898.	1.0	26
9	An improved synthesis of 1,1-dimethylethyl 6-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate, a key intermediate for atorvastatin synthesis. Tetrahedron Letters, 2002, 43, 2087-2090.	1.4	25
10	Sulfenic acids in the gas phase. Preparation, ionization energies and heats of formation of methane-, ethene-, and benzenesulfenic acid. Collection of Czechoslovak Chemical Communications, 1988, 53, 2140-2158.	1.0	24
11	A convenient synthesis of N-boc protected primary amines via the reaction of organoboranes with Li or K t-butyl-N-tosyloxycarbamate. Tetrahedron Letters, 1992, 33, 2677-2680.	1.4	24
12	A Review on Recent Developments in Syntheses of the Post-Secodine Indole Alkaloids. Part I: The Primary Alkaloid Types. Collection of Czechoslovak Chemical Communications, 2004, 69, 1681-1767.	1.0	21
13	Whole-cell oxidation of omeprazole sulfide to enantiopure esomeprazole with <i>Lysinibacillus</i> sp. B71. Bioresource Technology, 2011, 102, 7621-7626.	9.6	21
14	Stereospecific total synthesis of (β)-strempeliopine. Tetrahedron Letters, 1981, 22, 2927-2928.	1.4	20
15	Studies on the Carbon Zip Reaction of 2-Oxocycloalkane-1-carbonitriles. Helvetica Chimica Acta, 1985, 68, 1986-1997.	1.6	20
16	Absolute configuration of (β)-strempeliopine. Tetrahedron Letters, 1982, 23, 365-368.	1.4	18
17	Intramolecular [4+2] cycloaddition of an indolenine. Tetrahedron Letters, 1981, 22, 1823-1826.	1.4	16
18	(-)-Strempeliopine, stereoselective total synthesis and the determination of absolute configuration. Collection of Czechoslovak Chemical Communications, 1986, 51, 1731-1742.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Diastereoselective reduction of 1-(4-fluorophenyl)-3(R)-[3-oxo-3-(4-fluorophenyl)-propyl]-4(S)-(4-hydroxyphenyl)azetidin-2-one to Ezetimibe by the whole cell catalyst <i>Rhodococcus fascians</i> MO22. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 67, 266-270.	1.8	12
20	Biotransformation of codeine to 14-OH-codeine derivatives by <i>Rhizobium radiobacter</i> R89-1. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 87, 1-5.	1.8	12
21	Synthesis of latanoprost diastereoisomers. <i>Chirality</i> , 2005, 17, S109-S113.	2.6	11
22	Kinetics and Mechanism of the Base-Catalyzed Rearrangement and Hydrolysis of Ezetimibe. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2240-2247.	3.3	11
23	Model Studies toward the Total Synthesis of Thebaine by an Intramolecular Cycloaddition Strategy. <i>ChemistrySelect</i> , 2017, 2, 7783-7786.	1.5	8
24	Synthesis of optically active 4,4- and 5,5-disubstituted 4,5-dihydro-6H-canthin-6-ones and their CD spectra. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 3306-3311.	1.0	5
25	A novel approach for HPLC determination of 2-cynaacetamide using derivatization procedure with 2-hydroxyacetophenone as a new useful derivatization reagent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 391-397.	2.8	4
26	Synthesis of 4,4- and 5,5-disubstituted 4,5-dihydro-6H-canthin-6-ones. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 2749-2762.	1.0	4
27	Synthesis of 2-allyl-2-ethylsuccinic anhydride. <i>Collection of Czechoslovak Chemical Communications</i> , 1981, 46, 1262-1271.	1.0	3
28	Synthesis of canthine/erythrinane alkaloid analogs. <i>Monatshefte für Chemie</i> , 1985, 116, 145-147.	1.8	3
29	Stereospecific total synthesis of (+)-18-methylenevincadifformine. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 2448-2453.	1.0	3
30	Synthesis and Antinociceptive Activity of Some 3-Chlorophenyl- and 6-Chloropyridin-2-yl Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 377-388.	1.0	2
31	Absolute configuration of (R)-(-)-2-allyl-2-ethyl-3-methoxycarbonylpropionic acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 809-813.	1.0	1
32	On the Reaction of Deacetylvindoline with Thionyl Chloride. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 789-796.	1.0	1
33	The Antileukotrienic Derivatives and Homologues of [(Quinolin-2-ylmethoxy)sulfanyl]benzoic Acids with Reduced Lipophilicity. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1357-1371.	1.0	1
34	A Review on Recent Developments in Synthesis of the Post-Secodine Indole Alkaloids. Part 1. The Primary Alkaloid Types. <i>ChemInform</i> , 2005, 36, no.	0.0	0
35	Tetrodotoxin: Geschichte, Biologie und Synthese. <i>Angewandte Chemie</i> , 2019, 131, 18506-18558.	2.0	0
36	The Synthesis of Geminally Disubstituted 4,5-Dihydro-6H-canthin-6-ones. <i>Heterocycles</i> , 1978, 9, 1489.	0.7	0