

Josef Hajicek

List of Publications by Year in descending order

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36
papers

746
citations

516710

16
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

833
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Tetrodotoxin: Geschichte, Biologie und Synthese. <i>Angewandte Chemie</i> , 2019, 131, 18506-18558. | 2.0 | 0 |
| 2 | Tetrodotoxin: History, Biology, and Synthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18338-18387. | 13.8 | 47 |
| 3 | Solution of the multistep pathway for assembly of corynanthean, strychnos, iboga, and aspidosperma monoterpenoid indole alkaloids from 19 <i>E</i> -geissoschizine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3180-3185. | 7.1 | 121 |
| 4 | Model Studies toward the Total Synthesis of Thebaine by an Intramolecular Cycloaddition Strategy. <i>ChemistrySelect</i> , 2017, 2, 7783-7786. | 1.5 | 8 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Whole-cell oxidation of omeprazole sulfide to enantiopure esomeprazole with <i>Lysinibacillus</i> sp. B71. <i>Bioresource Technology</i> , 2011, 102, 7621-7626. | 9.6 | 21 |
| 9 | Recent developments in syntheses of the post-secodine indole alkaloids. Part III: Rearranged alkaloid types. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 2023-2083. | 1.0 | 30 |
| 10 | 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 |
| 11 | 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- ϵ -schizogyane alkaloids isoschizogaline and isoschizogamine. <i>Chirality</i> , 2008, 20, 454-470. | 2.6 | 62 |
| 12 | A Review on Recent Developments in Syntheses of the post-Secodine Indole Alkaloids. Part II: Modified Alkaloid Types. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 821-898. | 1.0 | 26 |
| 13 | Determination of the Absolute Configurations of Natural Products via Density Functional Theory Calculations of Vibrational Circular Dichroism, Electronic Circular Dichroism and Optical Rotation: The Schizogyane Alkaloid Schizogyne. <i>Journal of Organic Chemistry</i> , 2007, 72, 2508-2524. | 3.2 | 100 |
| 14 | Towards schizogyne: synthesis of 15 β -hydroxystrempeliopine. <i>Tetrahedron Letters</i> , 2005, 46, 7909-7911. | 1.4 | 26 |
| 15 | Synthesis of latanoprost diastereoisomers. <i>Chirality</i> , 2005, 17, S109-S113. | 2.6 | 11 |
| 16 | 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 |
| 17 | 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 |
| 18 | A Review on Recent Developments in Syntheses of the Post-Secodine Indole Alkaloids. Part I: The Primary Alkaloid Types. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 1681-1767. | 1.0 | 21 |

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|----|---|-----|-----------|
| 19 | An improved synthesis of 1,1-dimethylethyl 6-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate, a key intermediate for atorvastatin synthesis. <i>Tetrahedron Letters</i> , 2002, 43, 2087-2090. | 1.4 | 25 |
| 20 | On the Reaction of Deacetylvindoline with Thionyl Chloride. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 789-796. | 1.0 | 1 |
| 21 | 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 |
| 22 | Revised structure of isoschizogamine. <i>Tetrahedron Letters</i> , 1998, 39, 505-508. | 1.4 | 48 |
| 23 | A convenient synthesis of N-boc protected primary amines via the reaction of organoboranes with Li or K t-butyl-N-tosyloxycarbamate. <i>Tetrahedron Letters</i> , 1992, 33, 2677-2680. | 1.4 | 24 |
| 24 | Sulfenic acids in the gas phase. Preparation, ionization energies and heats of formation of methane-, ethene-, and benzenesulfenic acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1988, 53, 2140-2158. | 1.0 | 24 |
| 25 | (-)-Strepeliopine, stereoselective total synthesis and the determination of absolute configuration. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 1731-1742. | 1.0 | 16 |
| 26 | Synthesis of canthine/erythrinane alkaloid analogs. <i>Monatshefte für Chemie</i> , 1985, 116, 145-147. | 1.8 | 3 |
| 27 | Studies on the Carbon Zip Reaction of 2-Oxocycloalkane-1-carbonitriles. <i>Helvetica Chimica Acta</i> , 1985, 68, 1986-1997. | 1.6 | 20 |
| 28 | 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 |
| 29 | 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 |
| 30 | Absolute configuration of (âˆš)-strepeliopine. <i>Tetrahedron Letters</i> , 1982, 23, 365-368. | 1.4 | 18 |
| 31 | Stereospecific total synthesis of (+)-18-methylenevincadiformine. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 2448-2453. | 1.0 | 3 |
| 32 | 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 |
| 33 | Synthesis of 2-allyl-2-ethylsuccinic anhydride. <i>Collection of Czechoslovak Chemical Communications</i> , 1981, 46, 1262-1271. | 1.0 | 3 |
| 34 | Stereospecific total synthesis of (Â±)-strepeliopine. <i>Tetrahedron Letters</i> , 1981, 22, 2927-2928. | 1.4 | 20 |
| 35 | Intramolecular [4+2] cycloaddition of an indolenine. <i>Tetrahedron Letters</i> , 1981, 22, 1823-1826. | 1.4 | 16 |
| 36 | The Synthesis of Geminally Disubstituted 4,5-Dihydro-6H-canthin-6-ones. <i>Heterocycles</i> , 1978, 9, 1489. | 0.7 | 0 |