Jiri Pospisil

List of Publications by Year
in descending order

44 papers	1,091 citations	394421 19 h-index	414414 32 g-index
56 all docs	56 docs citations	56 times ranked	1401 citing authors

#	Article	IF	Citations
1	Lignans and Neolignans: Plant secondary metabolites as a reservoir of biologically active substances. Pharmacological Research, 2019, 146, 104284.	7.1	120
2	Total Synthesis of Jerangolid D. Journal of the American Chemical Society, 2007, 129, 3516-3517.	13.7	79
3	Salicylic Acid Targets Protein Phosphatase 2A to Attenuate Growth in Plants. Current Biology, 2020, 30, 381-395.e8.	3.9	76
4	Total Synthesis of the Aspercyclides. Chemistry - A European Journal, 2009, 15, 5956-5968.	3.3	67
5	Sulfoxides in Juliaâˆ'Lythgoe Olefination:â€‰ Efficient and Stereoselective Preparation of Di-, Tri-, and Tetrasubstituted Olefins. Organic Letters, 2005, 7, 2373-2376.	4.6	63
6	Total Synthesis and Biological Evaluation of the Cytotoxic Resin Glycosides Ipomoeassin Aâ€"F and Analogues. Chemistry - A European Journal, 2009, 15, 9697-9706.	3.3	59
7	Enantioselective Catalytic [4+1]â€Cyclization of <i>ortho</i>â€Hydroxyâ€<i>para</i>â€Quinone Methides with Allenoates. Chemistry - A European Journal, 2019, 25, 8163-8168.	3.3	51
8	Juliaâ€"Kocienski Reaction-Based 1,3-Diene Synthesis: Aldehyde-Dependent (<i>E</i>,<i>E</i>/<i>E</i>,<i>Z</i>)-Selectivity. Journal of Organic Chemistry, 2012, 77, 6358-6364.	3.2	47
9	Practical Synthesis of Î²-Acyl and Î²-Alkoxycarbonyl Heterocyclic Sulfones. Journal of Organic Chemistry, 2011, 76, 2269-2272.	3.2	40
10	Total synthesis of (R)-(+)-goniothalamin and (R)-(+)-goniothalamin oxide: first application of the sulfoxide-modified Julia olefination in total synthesis. Tetrahedron Letters, 2006, 47, 5933-5937.	1.4	39
11	Microwave-assisted solvent-free intramolecular 1,3-dipolar cycloaddition reactions leading to hexahydrochromeno[4,3-b]pyrroles: scope and limitations. Tetrahedron, 2007, 63, 337-346.	1.9	39
12	Simple protocol for enhanced (E)-selectivity in Juliaâ€"Kocienski reaction. Tetrahedron Letters, 2011, 52, 2348-2352.	1.4	39
13	Efficient and Stereoselective Synthesis of Allylic Ethers and Alcohols. Organic Letters, 2006, 8, 5983-5986.	4.6	37
14	Highly Diastereoselective Silyl-Modified Sakurai Multicomponent Reaction. Angewandte Chemie - International Edition, 2006, 45, 3357-3360.	13.8	35
15	Microwaveâ€Assisted Synthesis of Phenylpropanoids and Coumarins: Total Synthesis of Osthol. European Journal of Organic Chemistry, 2017, 2017, 5204-5213.	2.4	30
16	On the Origin of <i>E</i>/<i>Z</i> Selectivity in the Modified Julia Olefination â€" Importance of the Elimination Step. European Journal of Organic Chemistry, 2013, 2013, 836-840.	2.4	28
17	Root gravity response module guides differential growth determining both root bending and apical hook formation. Development (Cambridge), 2019, 146, .	2.5	24
18	Metathesis-based synthesis of 3-methoxy Î±,Î²-unsaturated lactones: total synthesis of (R)-kavain and of the C1â€"C6 fragment of jerangolid D. Tetrahedron Letters, 2008, 49, 1523-1526.	1.4	23

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19	Planar Chirality of Imidazoleâ€Containing Macrocycles â€“ Understanding and Tuning Atropisomerism. European Journal of Organic Chemistry, 2011, 2011, 6649-6655.	2.4	20
20	Unexpected nucleophilic behaviour of free-radicals generated from Î±-iodoketones. Chemical Communications, 2009, , 2142.	4.1	19
21	Microwave-Assisted Solvent-Free Synthesis of Hexahydrochromeno[4,3-b]pyrroles. European Journal of Organic Chemistry, 2004, 2004, 710-716.	2.4	18
22	A Solvent-free Method for Substituted Imidazolidin-4-ones Synthesis. Heterocycles, 2004, 63, 1165.	0.7	16
23	Determination of free diferulic, disinapic and dicoumaric acids in plants and foods. Food Chemistry, 2015, 171, 280-286.	8.2	16
24	Practical synthesis of Î²-oxo benzo[d]thiazolyl sulfones: Scope and limitations. Organic and Biomolecular Chemistry, 2012, 10, 1225-1234.	2.8	12
25	One and Two-Carbon Homologation of Primary and Secondary Alcohols to Corresponding Carboxylic Esters Using Î²-Carbonyl BT Sulfones as a Common Intermediate. Journal of Organic Chemistry, 2018, 83, 4990-5001.	3.2	11
26	Sulfoxide-Modified Julia-Lythgoe Olefination: Highly Stereoselective Di-, Tri-, and Tetrasubstituted Double Bond Formation. Collection of Czechoslovak Chemical Communications, 2005, 70, 1953-1969.	1.0	10
27	Heteroaryl sulfonamide synthesis: scope and limitations. Organic and Biomolecular Chemistry, 2022, 20, 3154-3159.	2.8	9
28	Quantitative Analysis of Ingenol in <i>Euphorbia</i> species via Validated Isotope Dilution Ultraâ€high Performance Liquid Chromatography Tandem Mass Spectrometry. Phytochemical Analysis, 2018, 29, 23-29.	2.4	8
29	The Modified Sakurai and Related Reactions. , 2005, , 398-452.		7
30	General approach to neolignan-core of the boehmenan natural product family. Monatshefte FÃ¼r Chemie, 2018, 149, 737-748.	1.8	6
31	Rearrangement of Threonine- and Serine-Based <i>N</i>-(3-Phenylprop-2-yn-1-yl) Sulfonamides Yields Chiral Pyrrolidin-3-ones. Journal of Organic Chemistry, 2020, 85, 985-993.	3.2	6
32	Trisubstituted Highly Activated Benzo[<i>d</i>]thiazol-2-yl-sulfone-Containing Olefins as Building Blocks in Organic Synthesis. Journal of Organic Chemistry, 2020, 85, 7192-7206.	3.2	6
33	Sulfated phenolic acids in plants. Planta, 2022, 255, 124.	3.2	6
34	A convenient method for the preparation of 20-[18 O]-labeled ingenol. Tetrahedron Letters, 2017, 58, 1421-1424.	1.4	5
35	1-(Phenylsulfonyl)-3-oxabicyclo[3.1.0]hexan-2-one as a Building Block in Organic Synthesis. Journal of Organic Chemistry, 2018, 83, 12229-12238.	3.2	5
36	Reactions of a New Family of Amide Derivatives of Phenanthridinium Azomethine Ylides with Dipolarophiles. Collection of Czechoslovak Chemical Communications, 1999, 64, 1993-2006.	1.0	4

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37	Diferulate: A highly effective electron donor. Journal of Electroanalytical Chemistry, 2020, 869, 113950.	3.8	3
38	Unified Approach to Benzo[<i>d</i>]thiazol-2-yl-Sulfonamides. Journal of Organic Chemistry, 2021, 86, 11291-11309.	3.2	3
39	Influence of N-substituents of carbamoyl-stabilized azomethine ylides in 1,3-dipolar cycloadditions. Arkivoc, 2005, 2001, 146-162.	0.5	2
40	Tetracarbonylhydridoferrate Salts: NaHFe(CO)4and KHFe(CO)4. Synlett, 2005, 2005, 2543-2544.	1.8	1
41	Antileishmanial Activity of Lignans, Neolignans, and Other Plant Phenols. Progress in the Chemistry of Organic Natural Products, 2021, 115, 115-176.	1.1	1
42	Microwave-Assisted Solvent-Free Synthesis of Hexahydrochromeno[4,3-b]pyrroles.. ChemInform, 2004, 35, no.	0.0	0
43	A Solvent-Free Method for Substituted Imidazolidin-4-ones Synthesis.. ChemInform, 2004, 35, no.	0.0	0
44	Sulfoxides in Juliaâ€"Lythgoe Olefination: Efficient and Stereoselective Preparation of Di-, Tri-, and Tetrasubstituted Olefins.. ChemInform, 2005, 36, no.	0.0	0