Tomas Hudlicky

List of Publications by Year
in descending order

279	11,190	36203	48187
papers	citations	51 h-index	88 g-index

307	307	307	5481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enzymatic dihydroxylation of aromatic compounds: Nature's unique reaction and its impact on the synthesis of natural products. Strategies and Tactics in Organic Synthesis, 2022, , 53-97.	0.1	2
2	Design and Synthesis of C-1 Methoxycarbonyl Derivative of Narciclasine and Its Biological Activity. Molecules, 2022, 27, 3809.	1.7	1
3	Conversion of Natural Narciclasine to Its C-1 and C-6 Derivatives and Their Antitumor Activity Evaluation: Some Unusual Chemistry of Narciclasine. Molecules, 2022, 27, 4141.	1.7	1
4	Total Synthesis of Methyl 1,5,8-Trimethoxy-1H-isochromene-3-carboxylate and Its Derivatives via Palladium-Catalyzed Annulation of 2-Alkynylbenzaldehydes. Synthesis, 2021, 53, 4110-4116.	1.2	2
5	Synthesis of pleiogenone A and 2,3-dihydropleiogenone A: Identification of the pleiogenone pharmacophore. Tetrahedron Letters, 2021, , 153393.	0.7	0
6	Morphine alkaloids: History, biology, and synthesis. The Alkaloids Chemistry and Biology, 2021, 86, 145-342.	0.8	18
7	Synthesis and biological evaluation of 10-benzyloxy-Narciclasine. Tetrahedron, 2021, 101, 132505.	1.0	4
8	Sequential enzymatic and electrochemical functionalization of bromocyclohexadienediols: Application to the synthesis of (â^')-conduritol C. Tetrahedron, 2020, 76, 130924.	1.0	3
9	Polarization Effect on Regioselectivity of Pdâ€Catalyzed Cyclization of 2â€Alkynylbenzaldehydes. European Journal of Organic Chemistry, 2020, 2020, 227-233.	1.2	7
10	An Improved Firstâ€Generation Synthesis of entâ€Oxycodone. ChemistrySelect, 2020, 5, 8241-8245.	0.7	3
11	Chemoenzymatic Total Synthesis of (+)-10-Keto-Oxycodone from Phenethyl Acetate. Molecules, 2019, 24, 3477.	1.7	12
12	Rapid Access to the Tricyclic Core of Calyciphylline Aâ€Type Alkaloids Through Allyl Cyanateâ€toâ€Isocyanate Rearrangement. European Journal of Organic Chemistry, 2019, 2019, 7590-7595.	1.2	6
13	Chemoenzymatic Total Synthesis of ent-Oxycodone: Second-, Third-, and Fourth-Generation Strategies. Journal of the American Chemical Society, 2019, 141, 10883-10904.	6.6	28
14	Tetrodotoxin: Geschichte, Biologie und Synthese. Angewandte Chemie, 2019, 131, 18506-18558.	1.6	0
15	Tetrodotoxin: History, Biology, and Synthesis. Angewandte Chemie - International Edition, 2019, 58, 18338-18387.	7.2	47
16	Chemoenzymatic Total Synthesis of (+)-Oxycodone from Phenethyl Acetate. Synthesis, 2019, 51, 225-232.	1.2	18
17	Chemoenzymatic Synthesis of the Antifungal Compound (â€“)â€Pestynol by a Convergent, Sonogashira Construction of the Central Yneâ€Diene. European Journal of Organic Chemistry, 2019, 2019, 77-79.	1.2	11
18	Exploiting mitochondrial and oxidative vulnerabilities with a synthetic analog of pancratistatin in combination with piperlongumine for cancer therapy. FASEB Journal, 2018, 32, 417-430.	0.2	9

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19	Benefits of Unconventional Methods in the Total Synthesis of Natural Products. ACS Omega, 2018, 3, 17326-17340.	1.6	45
20	Preparation of Rearranged Allylic Isocyanates from the Reaction of Allylic Alcohols with 1-Cyano-4-dimethylaminopyridinium Bromide. Synthesis, 2018, 50, 4606-4610.	1.2	2
21	Repetition of chemistry from a recently retracted paper. A cautionary note. Tetrahedron Letters, 2018, 59, 2467-2469.	0.7	7
22	Isolation, Synthesis, and Semisynthesis of Amaryllidaceae Constituents from Narcissus and Galanthus sp.: De Novo Total Synthesis of 2-epi-Narciclasine. Journal of Natural Products, 2018, 81, 1451-1459.	1.5	24
23	InnenrÃ¼cktitelbild: Chemoenzymatic Synthesis of Advanced Intermediates for Formal Total Syntheses of Tetrodotoxin (Angew. Chem. 34/2018). Angewandte Chemie, 2018, 130, 11247-11247.	1.6	0
24	Chemoenzymatic Synthesis of Advanced Intermediates for Formal Total Syntheses of Tetrodotoxin. Angewandte Chemie, 2018, 130, 11160-11164.	1.6	11
25	Chemoenzymatic Synthesis of Advanced Intermediates for Formal Total Syntheses of Tetrodotoxin. Angewandte Chemie - International Edition, 2018, 57, 10994-10998.	7.2	19
26	Cancer Cell Mitochondria Targeting by Pancratistatin Analogs is Dependent on Functional Complex II and III. Scientific Reports, 2017, 7, 42957.	1.6	30
27	Applications of the Wittigâ€“Still Rearrangement in Organic Synthesis. Angewandte Chemie - International Edition, 2017, 56, 6022-6066.	7.2	21
28	Anwendungen der Wittigâ€Stillâ€Umlagerung in der organischen Synthese. Angewandte Chemie, 2017, 129, 6118-6162.	1.6	3
29	A Formal Approach to Xylosmin and Flacourtosides E and F: Chemoenzymatic Total Synthesis of the Hydroxylated Cyclohexenone Carboxylic Acid Moiety of Xylosmin. Organic Letters, 2017, 19, 1156-1159.	2.4	13
30	Model Studies toward the Total Synthesis of Thebaine by an Intramolecular Cycloaddition Strategy. ChemistrySelect, 2017, 2, 7783-7786.	0.7	8
31	Chemoenzymatic Formal Total Synthesis of Pancratistatin from Narciclasine-Type Compounds via Myers Transposition: Model Study for a Short Conversion of Narciclasine to Pancratistatin. Synlett, 2017, 28, 2896-2900.	1.0	11
32	Carnosic acid as a component of rosemary extract stimulates skeletal muscle cell glucose uptake via <scp>AMPK</scp> activation. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 94-102.	0.9	19
33	Rosmarinic Acid, a Rosemary Extract Polyphenol, Increases Skeletal Muscle Cell Glucose Uptake and Activates AMPK. Molecules, 2017, 22, 1669.	1.7	55
34	Frontispiece: Chemoenzymatic Synthesis of Pleiogenone A: An Antiproliferative Trihydroxyalkylcyclohexenone Isolated fromPleiogynium timorense. Chemistry - A European Journal, 2016, 22, .	1.7	0
35	Chemoenzymatic Synthesis of Pleiogenone A: An Antiproliferative Trihydroxyalkylcyclohexenone Isolated from Pleiogynium timorense. Chemistry - A European Journal, 2016, 22, 6180-6184.	1.7	16
36	Contributions of Ernest Wenkert to the Use of Cyclopropanes in Synthesis â€“ Impact, Reflections, and Recollections. Israel Journal of Chemistry, 2016, 56, 540-552.	1.0	2

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37	A chemoenzymatic route to chiral siloxanes. Tetrahedron, 2016, 72, 4027-4031.	1.0	4
38	Synthesis of Nororipavine and Noroxymorphone via N- and O-Demethylation of Iron Tricarbonyl Complex of Thebaine. Synthesis, 2016, 48, 1803-1813.	1.2	9
39	Chemoenzymatic Total Synthesis of Hydromorphone by an Oxidative Dearomatization/Intramolecular [4 + 2] Cycloaddition Sequence: A Second-Generation Approach. Journal of Organic Chemistry, 2016, 81, 10930-10941.	1.7	18
40	Chemoenzymatic Total Synthesis of (+)â€Galanthamine and (+)â€Narwedine from Phenethyl Acetate. Chemistry - A European Journal, 2016, 22, 14540-14543.	1.7	23
41	Investigation of a new chiral auxiliary derived chemoenzymatically from toluene: experimental and computational study. Canadian Journal of Chemistry, 2016, 94, 848-856.	0.6	3
42	Synthesis of Noroxymorphone by N-Demethylation/ Intramolecular Acylation of Oxymorphone Catalyzed by Iron(II) Chloride. Heterocycles, 2016, 93, 824.	0.4	0
43	Synthesis of Amaryllidaceae Constituents and Unnatural Derivatives. Angewandte Chemie - International Edition, 2016, 55, 5642-5691.	7.2	71
44	Direct Synthesis of NoroxymorphÂone from Thebaine: Unusual Ce^{IV} Oxidation of a Methoxydieneâ€Iron Complex to an Enoneâ€Îłâ€Nitrate. European Journal of Organic Chemistry, 2016, 2016, 1500-1503.	1.2	9
45	Synthese von Inhaltsstoffen der AmaryllisgewÃchse und nichtnatÃ¼rlichen Derivaten. Angewandte Chemie, 2016, 128, 5732-5784.	1.6	11
46	Reinvestigation of acetylation of 3,4-dihydroxybenzaldehyde and reconciliation of previously reported analytical data. Tetrahedron Letters, 2016, 57, 1019-1021.	0.7	1
47	Synthesis and Olfactory Properties of 2â€Substituted and 2,3â€Annulated 1,4â€Dioxepanâ€6â€ones. Asian Journal of Organic Chemistry, 2015, 4, 1075-1084.	1.3	4
48	Synthesis of Saturated Benzodioxepinone Analogues: Insight into the Importance of the Aromatic Ring Binding Motif for Marine Odorants. European Journal of Organic Chemistry, 2015, 2015, 486-495.	1.2	6
49	The Quest for a Practical Synthesis of Morphine Alkaloids and Their Derivatives by Chemoenzymatic Methods. Accounts of Chemical Research, 2015, 48, 674-687.	7.6	79
50	Recent advances in process development for opiate-derived pharmaceutical agents. Canadian Journal of Chemistry, 2015, 93, 492-501.	0.6	33
51	Completion of the seven-step pathway from tabersonine to the anticancer drug precursor vindoline and its assembly in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6224-6229.	3.3	195
52	Synthesis of Naltrexone and (R)-Methylnaltrexone from Oripavine via Direct Oxidation of Its Quaternary Salts. Synlett, 2015, 26, 2101-2108.	1.0	10
53	Synthesis and Biological Activity of 10â€Azaâ€narciclasine. Advanced Synthesis and Catalysis, 2015, 357, 83-87.	2.1	20
54	The chiro-Inositols and Related Cyclitols as Chiral Monomers for Polymerization: Expansion of a Family of Chiral Polymers. Synlett, 2014, 25, 2360-2364.	1.0	4

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55	Short Chemoenzymatic Total Synthesis of entâ€Hydromorphone: An Oxidative Dearomatization/Intramolecular [4+2] Cycloaddition/Amination Sequence. Angewandte Chemie - International Edition, 2014, 53, 4355-4358.	7.2	61
56	Chemoenzymatic Formal Total Synthesis of entâ€Codeine and Other Morphinans via Nitrone Cycloadditions and/or Radical Cyclizations. Comparison of Strategies for Control of Câ€9/Câ€14 Stereogenic Centers. Advanced Synthesis and Catalysis, 2014, 356, 333-339.	2.1	30
57	Synthesis and biological evaluation of unnatural derivatives of narciclasine: 7-aza-nornarciclasine and its N-oxide. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4236-4238.	1.0	23
58	Palladium-catalyzed carbonylation of halo arene-cis-dihydrodiols to the corresponding carboxylates. Access to compounds unavailable by toluene dioxygenase-mediated dihydroxylation of the corresponding benzoate esters. Organic and Biomolecular Chemistry, 2014, 12, 7810-7819.	1.5	8
59	Conversion of Thebaine to Oripavine and Other Useful Intermediates for the Semisynthesis of Opiateâ€Derived Agents: Synthesis of Hydromorphone. Advanced Synthesis and Catalysis, 2014, 356, 2679-2687.	2.1	12
60	Processing of o-Halobenzoates by Toluene Dioxygenase. The Role of the Alkoxy Functionality in the Regioselectivity of the Enzymatic Dihydroxylation Reaction. Organic Process Research and Development, 2014, 18, 801-809.	1.3	13
61	Chemoenzymatic Approach to Synthesis of Hydroxylated Pyrrolidines from Benzoic Acid. Heterocycles, 2014, 88, 1255.	0.4	14
62	Enantioselective Total Synthesis and Biological Evaluation of (+)-Kibdelone A and a Tetrahydroxanthone Analogue. Journal of Organic Chemistry, 2013, 78, 7617-7626.	1.7	45
63	Enzymatic oxidation of para-substituted arenes: access to new non-racemic chiral metabolites for synthesis. Tetrahedron: Asymmetry, 2013, 24, 184-190.	1.8	11
64	Heteroatom Analogues of Hydrocodone: Synthesis and Biological Activity. Journal of Organic Chemistry, 2013, 78, 2914-2925.	1.7	13
65	General Method of Synthesis for Naloxone, Naltrexone, Nalbuphone, and Nalbuphine by the Reaction of Grignard Reagents with an Oxazolidine Derived from Oxymorphone. Advanced Synthesis and Catalysis, 2013, 355, 1869-1873.	2.1	32
66	Total Synthesis of Dihydrocodeine and Hydrocodone via a Double Claisen Rearrangement and C-10/C-11 Closure Strategy. Synlett, 2013, 24, 369-374.	1.0	15
67	Ring-opening of hindered cyclic epoxides with potassium carboxylates in the presence of conjugate acids. Canadian Journal of Chemistry, 2013, 91, 1179-1185.	0.6	2
68	Unnatural C-1 homologues of pancratistatin â€" Synthesis and promising biological activities. Canadian Journal of Chemistry, 2012, 90, 932-943.	0.6	23
69	Synthesis of Nalbuphine from Oripavine via N-Demethylation of N-Cyclobutylmethyl Oripavine. Heterocycles, 2012, 84, 615.	0.4	6
70	Unexpected Nâ€Demethylation of Oxymorphone and Oxycodone Nâ€Oxides Mediated by the Burgess Reagent: Direct Synthesis of Naltrexone, Naloxone, and Other Antagonists from Oxymorphone. Advanced Synthesis and Catalysis, 2012, 354, 2706-2712.	2.1	21
71	Direct Synthesis of Naltrexone by Palladiumâ€Catalyzed Nâ€Demethylation/Acylation of Oxymorphone: The Benefit of Cï£¿H Activation and the Intramolecular Acyl Transfer from Câ€14 Hydroxy. Advanced Synthesis and Catalysis, 2012, 354, 2713-2718.	2.1	27
72	On Hype, Malpractice, and Scientific Misconduct in Organic Synthesis. Helvetica Chimica Acta, 2012, 95, 2052-2062.	1.0	27

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73	Application of <scp>D</scp>â€chiroâ€Inositol as a Chiral Template for the Dielsï£¿Alder Reaction. Helvetica Chimica Acta, 2012, 95, 2026-2035.	1.0	2
74	Toluene dioxygenase mediated oxidation of halogen-substituted benzoate esters. Organic and Biomolecular Chemistry, 2012, 10, 4407.	1.5	21
75	Improved Synthesis of Buprenorphine from Thebaine and/or Oripavine via Palladiumâ€Catalyzed Nâ€Demethylation/Acylation and/or Concomitant Oâ€Demethylation. Advanced Synthesis and Catalysis, 2012, 354, 613-626.	2.1	38
76	A novel synthetic C-1 analogue of 7-deoxypancratistatin induces apoptosis in p53 positive and negative human colorectal cancer cells by targeting the mitochondria: enhancement of activity by tamoxifen. Investigational New Drugs, 2012, 30, 1012-1027.	1.2	14
77	Daubenâ€“Michno oxidative transposition of allylic cyanohydrinsÂâ€” Enantiomeric switch of (â€“)-carvone to (+)-carvone*Based on the 2010 Bader Award Lecture.. Canadian Journal of Chemistry, 2011, 89, 535-543.	0.6	8
78	Several Generations of Chemoenzymatic Synthesis of Oseltamivir (Tamiflu): Evolution of Strategy, Quest for a Process-Quality Synthesis, and Evaluation of Efficiency Metrics. Journal of Organic Chemistry, 2011, 76, 10050-10067.	1.7	54
79	Chemoenzymatic Synthesis of Inositols, Conduritols, and Cyclitol Analogues. Chemical Reviews, 2011, 111, 4223-4258.	23.0	130
80	Chemoenzymatic total synthesis ofent-neopinone and formal total synthesis ofent-codeinone from Î²-bromoethylbenzene*. Canadian Journal of Chemistry, 2011, 89, 709-729.	0.6	33
81	Synthesis of Buprenorphine from Oripavine via N-Demethylation of Oripavine Quaternary Salts. Journal of Organic Chemistry, 2011, 76, 4628-4634.	1.7	38
82	Introduction to Enzymes in Synthesis. Chemical Reviews, 2011, 111, 3995-3997.	23.0	27
83	Selective Cytotoxicity against Human Osteosarcoma Cells by a Novel Synthetic C-1 Analogue of 7-Deoxypancratistatin Is Potentiated by Curcumin. PLoS ONE, 2011, 6, e28780.	1.1	31
84	A short synthesis of nonracemic iodocyclohexene carboxylate fragment for kibdelone and congeners. Tetrahedron Letters, 2011, 52, 6632-6634.	0.7	21
85	Synthesis of C-1 homologues of pancratistatin and their preliminary biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4750-4752.	1.0	31
86	Synthesis of Morphine Alkaloids and Derivatives. Topics in Current Chemistry, 2011, 309, 33-66.	4.0	97
87	Chemoenzymatic Synthesis of Idesolide from Benzoic Acid. Synlett, 2011, 2011, 725-729.	1.0	3
88	Explorations of [4+2] and [5+2] Cycloadditions of Dienylcyclopropane Derived Enzymatically from Cyclopropylbenzene. Synlett, 2011, 2011, 2891-2895.	1.0	8
89	Synthesis of 1,2- and 1,4-amino alcohols from 1,3-dienes via oxazines. Rearrangements of 1,4-amino alcohol derivatives to oxazolines. Tetrahedron, 2010, 66, 3761-3769.	1.0	18
90	Short Chemoenzymatic Azideâ€Free Synthesis of Oseltamivir (Tamiflu): Approaching the Potential for Process Efficiency. Advanced Synthesis and Catalysis, 2010, 352, 195-200.	2.1	64

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91	From Discovery to Application: 50â€…Years of the Vinylcyclopropaneâ€“Cyclopentene Rearrangement and Its Impact on the Synthesis of Natural Products. Angewandte Chemie - International Edition, 2010, 49, 4864-4876.	7.2	182
92	Recent chemoenzymatic total syntheses of natural and unnatural products: Codeine, balanol, pancratistatin, and oseltamivir. Pure and Applied Chemistry, 2010, 82, 1785-1796.	0.9	31
93	On the Practical Limits of Determining Isolated Product Yields and Ratios of Stereoisomers: Reflections, Analysis, and Redemption. Synlett, 2010, 2010, 2701-2707.	1.0	27
94	Chemoenzymatic Synthesis of Amaryllidaceae Constituents and Biological Evaluation of their C-1 Analogues. The Next Generation Synthesis of 7-Deoxypancratistatin and trans-Dihydrolycoricidine. Journal of Organic Chemistry, 2010, 75, 3069-3084.	1.7	59
95	Design of Thermally Stable Versions of the Burgess Reagent: Stability and Reactivity Study. Journal of Organic Chemistry, 2010, 75, 3447-3450.	1.7	19
96	Celebrating 20 Years of SYNLETT - Special Account On the Merits of Biocatalysis and the Impact of Arene cis-Dihydrodiols on Enantioselective Synthesis. Synlett, 2009, 2009, 685-703.	1.0	175
97	Biotransformations of morphine alkaloids by fungi: N-demethylations, oxidations, and reductions. Collection of Czechoslovak Chemical Communications, 2009, 74, 1179-1193.	1.0	22
98	New Options for the Reactivity of the Burgess Reagent with Epoxides in Both Racemic and Chiral Auxiliary Modes â€“ Structural and Mechanistic Revisions, Computational Studies, and Application to Synthesis. European Journal of Organic Chemistry, 2009, 2009, 2806-2819.	1.2	11
99	Symmetryâ€Based Design for the Chemoenzymatic Synthesis of Oseltamivir (Tamiflu) from Ethyl Benzoate. Angewandte Chemie - International Edition, 2009, 48, 4229-4231.	7.2	85
100	Formal total synthesis of (â€“)- and (+)-balanol: two complementary enantiodivergent routes from vinyloxiranes and vinylaziridines. Tetrahedron, 2009, 65, 212-220.	1.0	33
101	Chemoenzymatic enantiodivergent total syntheses of (+)- and (â¯)-codeine. Tetrahedron, 2009, 65, 9862-9875.	1.0	48
102	Applications of biotransformations and biocatalysis to complexity generation in organic synthesis. Chemical Society Reviews, 2009, 38, 3117.	18.7	205
103	Investigation of steric and functionality limits in the enzymatic dihydroxylation of benzoate esters. Versatile intermediates for the synthesis of pseudo-sugars, amino cyclitols, and bicyclic ring systems. Organic and Biomolecular Chemistry, 2009, 7, 2619.	1.5	36
104	One-Pot Conversion of Thebaine to Hydrocodone and Synthesis of Neopinone Ketal. Journal of Organic Chemistry, 2009, 74, 747-752.	1.7	9
105	Preliminary investigation of the yeast-mediated reduction of Î²-keto amides derived from cyclic amines as potential resolution methodology. Tetrahedron: Asymmetry, 2008, 19, 672-681.	1.8	8
106	Palladiumâ€Catalyzed Nâ€Demethylation/Nâ€Acylation of Some Morphine and Tropane Alkaloids. Advanced Synthesis and Catalysis, 2008, 350, 2984-2992.	2.1	42
107	Chemoenzymatic formal synthesis of (â¯)-balanol. Provision of optical data for an often-reported intermediate. Tetrahedron Letters, 2008, 49, 5211-5213.	0.7	21
108	Total Synthesis of 7-Deoxypancratistatin-1-carboxaldehyde and Carboxylic Acid via Solvent-Free Intramolecular Aziridine Opening:â€‰ Phenanthrene to Phenanthridone Cyclization Strategy. Organic Letters, 2008, 10, 361-364.	2.4	42

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109	Chiral Version of the Burgess Reagent and Its Reactions with Oxiranes: Application to the Formal Enantiodivergent Synthesis of Balanol. Journal of Natural Products, 2008, 71, 346-350.	1.5	17
110	Chemoenzymatic Total Synthesis of (+)-Codeine by Sequential Intramolecular Heck Cyclizations via C-B-D Ring Construction. Synlett, 2007, 2007, 2859-2862.	1.0	12
111	Design for Morphine Alkaloids by Intramolecular Heck Strategy: Chemoenzymatic Synthesis of 10-Hydroxy-14-epi-dihydrocodeinone via C-D-B Ring Construction. Synlett, 2007, 2007, 2863-2867.	1.0	2
112	Unexpected Reactivity of the Burgess Reagent with Thiols:Â Synthesis of Symmetrical Disulfides. Journal of Organic Chemistry, 2007, 72, 4989-4992.	1.7	47
113	Studies on regioselective hydrogenation of thebaine and its conversion to hydrocodone. Tetrahedron Letters, 2007, 48, 3979-3981.	0.7	9
114	Convenient preparation of aryl-substituted nortropanes by SuzukiÂ–Miyaura methodology. Canadian Journal of Chemistry, 2006, 84, 555-560.	0.6	12
115	Toluene dioxygenase-mediated oxidation of dibromobenzenes. Absolute stereochemistry of new metabolites and synthesis of (â^')-conduritol E. Tetrahedron, 2006, 62, 7471-7476.	1.0	16
116	Convergent synthesis of 2,3-bisarylpyrazolones through cyclization of bisacylated pyrazolidines and hydrazines. Tetrahedron Letters, 2006, 47, 3195-3198.	0.7	10
117	Cyclotrimerization approach to unnatural structural modifications of pancratistatin and other amaryllidaceae constituents â€" Synthesis and biological evaluation. Canadian Journal of Chemistry, 2006, 84, 1313-1337.	0.6	33
118	Selectivity in the electrochemical deprotection of cinnamyl groups from oxygen and nitrogen functionalities: carbonates versus carbamates. Tetrahedron Letters, 2005, 46, 6851-6854.	0.7	9
119	Recent Progress in the Synthesis of Morphine Alkaloids. ChemInform, 2005, 36, no.	0.1	1
120	Reactions of Indole Derivatives with Oxiranes and Aziridines on Silica. Synthesis of a Î²-Carbolin-1-one Mimic (XIII) of Pancratistatin.. ChemInform, 2005, 36, no.	0.1	0
121	Processing of cyclopropylarenes by toluene dioxygenase: isolation and absolute configuration of metabolites. Tetrahedron: Asymmetry, 2005, 16, 3606-3613.	1.8	9
122	Synthesis of Amaryllidaceae Constituents - An Update. Synlett, 2005, 2005, 365-387.	1.0	17
123	Stability Relationships in Bicyclic Ketones. Synlett, 2005, 2005, 2911-2914.	1.0	53
124	Recent Progress in the Synthesis of Morphine Alkaloids. Synlett, 2005, 2005, 388-405.	1.0	21
125	Cyclotrimerization Strategy toward Analogues of Amaryllidaceae Constituents. Synthesis of Deoxygenated Pancratistatin Core. Organic Letters, 2005, 7, 5669-5672.	2.4	46
126	Reactions of Indole Derivatives with Oxiranes and Aziridines on Silica. Synthesis of Î²-Carbolin-1-one Mimic of Pancratistatin. Journal of Organic Chemistry, 2005, 70, 3490-3499.	1.7	74

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127	Toluene Dioxygenase-Mediated Oxidation of Bromo(methylsulfanyl)benzenes. Absolute Configuration of Metabolites and Evaluation of Chemo- and Regioselectivity Trends. Collection of Czechoslovak Chemical Communications, 2005, 70, 1709-1726.	1.0	6
128	Synthesis of chiral ADMET polymers containing repeating d-chiro-inositol units derived from a biocatalytically prepared diene diol. Tetrahedron, 2004, 60, 641-646.	1.0	21
129	Enzymatic oxidation of thioanisoles: isolation and absolute configuration of metabolites. Tetrahedron: Asymmetry, 2004, 15, 2833-2836.	1.8	8
130	AÎ²-Carboline-1-one Mimic of the AnticancerAmaryllidaceae Constituent Pancratistatin: Synthesis and Biological Evaluation. Angewandte Chemie - International Edition, 2004, 43, 5342-5346.	7.2	69
131	Asymmetric Dihydroxylation of Cinnamonitrile totrans-3-[(5S,6R)-5,6-Dihydroxycyclohexa-1,3-dienyl]-acrylonitrile using Chlorobenzene Dioxygenase inEscherichia coli (pTEZ30). Advanced Synthesis and Catalysis, 2004, 346, 933-942.	2.1	15
132	Directed evolution of the dioxygenase complex for the synthesis of furanone flavor compounds. Tetrahedron, 2004, 60, 729-734.	1.0	38
133	New oligomers of conduritol-F and muco -inositol. Synthesis and biological evaluation as glycosidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1209-1212.	1.0	27
134	Synthesis and biological activity of some structural modifications of pancratistatin. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2911-2915.	1.0	80
135	Selective electrochemical deprotection of cinnamyl ethers, esters, and carbamates. Tetrahedron Letters, 2003, 44, 1575-1578.	0.7	18
136	New Application of Burgess Reagent in its Reaction with Epoxides. Synlett, 2003, 2003, 1247.	1.0	1
137	Medium-Scale Preparation of Useful Metabolites of Aromatic Compounds via Whole-Cell Fermentation with Recombinant Organisms. Organic Process Research and Development, 2002, 6, 525-532.	1.3	85
138	Total Synthesis ofepi-7-Deoxypancratistatin via Aza-Payne Rearrangement and Intramolecular Cyclization. Organic Letters, 2002, 4, 115-117.	2.4	45
139	Total Synthesis and Biological Evaluation of Amaryllidaceae Alkaloids:â€‰ Narciclasine, ent-7-Deoxypancratistatin, Regioisomer of 7-Deoxypancratistatin, 10b-epi-Deoxypancratistatin, and Truncated Derivatives1. Journal of Organic Chemistry, 2002, 67, 8726-8743.	1.7	182
140	Synthesis, Structure, and Biological Evaluation of Novel N- and O-Linked Diinositols. Journal of the American Chemical Society, 2002, 124, 10416-10426.	6.6	57
141	Enzymatic oxidation of cyclopropylbenzene: structures of new metabolites and possible mechanistic implications. Canadian Journal of Chemistry, 2002, 80, 708-713.	0.6	10
142	Milos Hudlicky (1919â€“2001). Journal of Fluorine Chemistry, 2002, 114, 1-2.	0.9	1
143	Direct biooxidation of arenes to corresponding catechols with E. coli JM109 (pDTG602). Application to synthesis of combretastatins A-1 and B-1. Tetrahedron Letters, 2002, 43, 2839-2841.	0.7	24
144	A study of substrate specificity of toluene dioxygenase in processing aromatic compounds containing benzylic and/or remote chiral centers. New Journal of Chemistry, 2001, 25, 116-124.	1.4	12

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