

Hans-Joachim Knäuper

List of Publications by Year in descending order

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269
papers

14,776
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26626

56
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25787

108
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288
all docs

288
docs citations

288
times ranked

10591
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Catalysis in Organic Synthesis. <i>Chemical Reviews</i> , 2015, 115, 3170-3387.	47.7	1,500
2	Isolation and Synthesis of Biologically Active Carbazole Alkaloids. <i>Chemical Reviews</i> , 2002, 102, 4303-4428.	47.7	1,263
3	Occurrence, Biogenesis, and Synthesis of Biologically Active Carbazole Alkaloids. <i>Chemical Reviews</i> , 2012, 112, 3193-3328.	47.7	1,043
4	Subcellular targeting strategies for drug design and delivery. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 29-42.	46.4	612
5	Efficient Inhibition of the Alzheimer's Disease β -Secretase by Membrane Targeting. <i>Science</i> , 2008, 320, 520-523.	12.6	254
6	Demetalation of Tricarbonyl(cyclopentadienone)iron Complexes Initiated by a Ligand Exchange Reaction with NaOH—X-Ray Analysis of a Complex with Nearly Square-Planar Coordinated Sodium. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2064-2066.	13.8	216
7	Synthesis of Pyrrole and Carbazole Alkaloids. <i>Topics in Current Chemistry</i> , 2011, 309, 203-253.	4.0	195
8	Novel Routes to Pyrroles, Indoles and Carbazoles - Applications in Natural Product Synthesis. <i>Current Organic Chemistry</i> , 2005, 9, 1601-1614.	1.6	194
9	Synthesis of Biologically Active Carbazole Alkaloids Using Selective Transition-metal-catalyzed Coupling Reactions. <i>Chemistry Letters</i> , 2009, 38, 8-13.	1.3	189
10	Myosin-II-mediated cell shape changes and cell intercalation contribute to primitive streak formation. <i>Nature Cell Biology</i> , 2015, 17, 397-408.	10.3	176
11	Occurrence, Biological Activity, and Convergent Organometallic Synthesis of Carbazole Alkaloids. <i>Topics in Current Chemistry</i> , 0, , 115-148.	4.0	161
12	Transition metal complexes in organic synthesis. Part 47.1 Organic synthesis via tricarbonyl(η -4-diene)iron complexes. <i>Chemical Society Reviews</i> , 1999, 28, 151-157.	38.1	157
13	Indoloquinones - 3. Palladium-promoted synthesis of hydroxy-substituted 5-Cyano-5H-benzo[b]carbazole-6, 11-diones. <i>Tetrahedron</i> , 1994, 50, 10893-10908.	1.9	143
14	A Novel Method for the Synthesis of Isocyanates Under Mild Conditions. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2497-2500.	4.4	142
15	Sterol-Derived Hormone(s) Controls Entry into Diapause in <i>Caenorhabditis elegans</i> by Consecutive Activation of DAF-12 and DAF-16. <i>PLoS Biology</i> , 2004, 2, e280.	5.6	142
16	Transition Metal Complexes in Organic Synthesis, Part 70&#. Synthesis of Biologically Active Carbazole Alkaloids Using Organometallic Chemistry. <i>Current Organic Synthesis</i> , 2004, 1, 309-331.	1.3	129
17	Transition Metal-Diene Complexes in Organic Synthesis, Part 14.1 Regioselective Iron-Mediated [2+2+1] Cycloadditions of Alkynes and Carbon Monoxide: Synthesis of Substituted Cyclopentadienones. <i>Synlett</i> , 1992, 1992, 1002-1004.	1.8	123
18	Iron-Mediated Synthesis of Heterocyclic Ring Systems and Applications in Alkaloid Chemistry. <i>Synlett</i> , 1992, 1992, 371-387.	1.8	123

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19	First total synthesis of the 7-oxygenated carbazole alkaloids clauszoline-K, 3-formyl-7-hydroxycarbazole, clausine M, clausine N and the anti-HIV active siamenol using a highly efficient palladium-catalyzed approach. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3215-3219.	2.8	122
20	Total synthesis of the antitumor active pyrrolo[2,1-a]isoquinoline alkaloid (±)-crispine A. <i>Tetrahedron Letters</i> , 2005, 46, 1173-1175.	1.4	119
21	Synthesis and Activity of Carbazole Derivatives Against <i>Mycobacterium tuberculosis</i> . <i>ChemMedChem</i> , 2006, 1, 812-815.	3.2	108
22	Transition Metal-Diene Complexes in Organic Synthesis, Part 18.1 Iron-Mediated [2+2+1] Cycloadditions of Diynes and Carbon Monoxide: Selective Demetalation Reactions. <i>Synlett</i> , 1993, 1993, 924-926.	1.8	107
23	Efficient Construction of Pyrano[3,2-a]carbazoles: Application to a Biomimetic Total Synthesis of Cyclized Monoterpenoid Pyrano[3,2-a]carbazole Alkaloids. <i>Chemistry - A European Journal</i> , 2013, 19, 14098-14111.	3.3	105
24	Efficient Synthesis of Tricarbonyliron-Diene Complexes Development of an Asymmetric Catalytic Complexation. <i>Chemical Reviews</i> , 2000, 100, 2941-2962.	47.7	104
25	Total Synthesis of the Biscarbazole Alkaloids Murrafoline and D by a Domino Sonogashira Coupling/Claisen Rearrangement/Electrocyclization Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11073-11077.	13.8	102
26	Snapshot of the Palladium(II)-Catalyzed Oxidative Biaryl Bond Formation by X-ray Analysis of the Intermediate Diaryl Palladium(II) Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 770-776.	3.3	97
27	Transition metals in organic synthesis - Part 83#: Synthesis and pharmacological potential of carbazoles. <i>Medicinal Chemistry Research</i> , 2008, 17, 374-385.	2.4	89
28	First total synthesis of clausine L and pityriazole, a metabolite of the human pathogenic yeast <i>Malassezia furfur</i> . <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2481.	2.8	83
29	A novel pyrrole synthesis. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3060-3062.	2.8	82
30	Palladium-catalyzed total synthesis of euchrestifoline using a one-pot Wacker oxidation and double aromatic C-H bond activation. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3902.	2.8	80
31	Total Synthesis of Pentabromo- and Pentachloropseudilin, and Synthetic Analogues Allosteric Inhibitors of Myosin ATPase. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8042-8046.	13.8	78
32	Efficient iron-mediated approach to pyrano[3,2-a]carbazole alkaloids first total syntheses of O-methylmurrayamine A and 7-methoxymurrayacine, first asymmetric synthesis and assignment of the absolute configuration of (±)-trans-dihydroxygirinimbine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2057.	2.8	77
33	Transition Metal-Diene Complexes in Organic Synthesis, Part 25.1 Cycloadditions of Annulated 2,5-Bis(trimethylsilyl)cyclopentadienones. <i>Tetrahedron Letters</i> , 1995, 36, 7647-7650.	1.4	76
34	Palladium-catalyzed total synthesis of the antibiotic carbazole alkaloids carbazomycin G and H. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, 1, 173-176.	0.9	74
35	A Novel Method for the Demetalation of Tricarbonyliron-Diene Complexes by a Photolytically Induced Ligand Exchange Reaction with Acetonitrile. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 702-705.	13.8	74
36	Indoloquinones, Part 7. Total Synthesis of the Potent Lipid Peroxidation Inhibitor Carbazomycin C by an Intramolecular Palladium-Catalyzed Oxidative Coupling of an Anilino-1,4-benzoquinone. <i>Synthesis</i> , 2002, 2002, 557-564.	2.3	73

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37	First total synthesis of the whole series of the antiostatins A and B. <i>Chemical Communications</i> , 2009, , 1467.	4.1	73
38	Indoloquinones, part 5. Palladium-catalyzed total synthesis of the potent lipid peroxidation inhibitor carbazoquinocin C. <i>Tetrahedron Letters</i> , 1998, 39, 8267-8270.	1.4	71
39	First total synthesis of the neuronal cell protecting carbazole alkaloid carbazomadurin A by sequential transition metal-catalyzed reactions. <i>Chemical Communications</i> , 2003, , 1170-1171.	4.1	69
40	The mechanism of pentabromopseudilin inhibition of myosin motor activity. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 80-88.	8.2	69
41	Transition Metal-Diene Complexes in Organic Synthesis. Part 15. Iron-mediated total synthesis of carbazomycin A and B. <i>Helvetica Chimica Acta</i> , 1993, 76, 2500-2514.	1.6	68
42	Isocyanates " Part 3.7 Synthesis of carbamates by DMAP-catalyzed reaction of amines with di-tert-butylidicarbonate and alcohols. <i>Tetrahedron Letters</i> , 1996, 37, 5861-5864.	1.4	68
43	First enantioselective total synthesis of neocarazostatin B, determination of its absolute configuration and transformation into carquinostatin A. <i>Chemical Communications</i> , 2006, , 711.	4.1	68
44	Transition metal-diene complexes in organic synthesis - 16.1. <i>Tetrahedron</i> , 1993, 49, 11221-11236.	1.9	67
45	A Versatile and Efficient Synthesis of Annulated Cyclopentanes by Stereoselective [3 + 2] Cycloaddition of Allylsilanes and Cycloalkenyl Methyl Ketones. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1081-1083.	4.4	66
46	Iron-Mediated Synthesis of Carbazomycin G and Carbazomycin H, the First Carbazole-1,4-quinol Alkaloids from <i>Streptoverticillium ehimense</i> . <i>European Journal of Organic Chemistry</i> , 2003, 2003, 740-746.	2.4	64
47	Indoloquinones, Part 8. Palladium(II)-catalyzed Total Synthesis of Murrayaquinone A, Koeniginequinone A, and Koeniginequinone B. <i>Heterocycles</i> , 2003, 60, 1049.	0.7	64
48	Iron-Catalyzed Oxidative C-C and N-N Coupling of Diarylamines and Synthesis of Spiroacridines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 549-553.	13.8	64
49	Imidazole Derivatives, III. Regiospecific Synthesis, Structure, and Fluorescence Properties of Highly substituted Imidazo[1,2-a]pyridines and Pyrido[1,2-a]benzimidazoles. <i>Chemische Berichte</i> , 1990, 123, 327-339.	0.2	63
50	Cycloadditions of allylsilanes. Part 10. Stereoselective Construction of Ring Systems by Cycloaddition Reactions of allyltriisopropylsilane. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1997, 339, 304-314.	0.5	63
51	Palladium-catalysed total synthesis of naturally occurring pyrano[3,2-a]carbazole and pyrano[2,3-b]carbazole alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3866-3876.	2.8	62
52	Transition metal-diene complexes in organic synthesis - 13. Highly Chemo- and Stereoselective Oxidations of Tricarbonyliron-Cyclohexadiene Complexes: Synthesis of 4-Deoxycarbazomycin B. <i>Tetrahedron</i> , 1993, 49, 841-862.	1.9	61
53	First total synthesis of the biologically active 2,7-dioxygenated tricyclic carbazole alkaloids 7-methoxy-O-methylmukonal, clausine H (clauszoline-C), clausine K (clauszoline-J) and clausine O. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3099.	2.8	61
54	Total Syntheses of Murrayamine E, I, and K. <i>Journal of Organic Chemistry</i> , 2015, 80, 5666-5673.	3.2	60

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55	Conjugate Addition of Allylsilanes with Subsequent Sila-Wagner-Meerwein Rearrangement: A Novel Methodology for Stereoselective Trimethylsilylcyclopentane Annulation. <i>Synlett</i> , 1990, 1990, 429-430.	1.8	59
56	Transition metal complexes in organic synthesis. Part 58: First enantioselective total synthesis of the potent neuronal cell protecting substance carquinostatin A from (R)-propene oxide. <i>Tetrahedron Letters</i> , 2000, 41, 1171-1174.	1.4	58
57	Transition metal complexes in organic synthesis. Part 68: Iron-mediated total synthesis of mukonine and mukonidine by oxidative cyclization with air as the oxidizing agent. <i>Tetrahedron</i> , 2003, 59, 5317-5322.	1.9	58
58	Transition Metal Complexes in Organic Synthesis, Part 73. Synthetic Routes to Naturally Occurring Furocarbazoles. <i>Heterocycles</i> , 2004, 63, 2393.	0.7	58
59	DAF-12 Regulates a Connected Network of Genes to Ensure Robust Developmental Decisions. <i>PLoS Genetics</i> , 2011, 7, e1002179.	3.5	57
60	Synthesis of Prenyl- and Geranyl-Substituted Carbazole Alkaloids by DIBAL-H Promoted Reductive Pyran Ring Opening of Dialkylpyrano[3,2-a<i>f</i>]carbazoles. <i>Chemistry - A European Journal</i> , 2014, 20, 9504-9509.	3.3	57
61	Iron-mediated total synthesis of the cytotoxic carbazole koenoline and related alkaloids. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 664-665.	2.0	56
62	Mechanism and Specificity of Pentachloropseudilin-mediated Inhibition of Myosin Motor Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 29700-29708.	3.4	56
63	Transition Metal Complexes in Organic Synthesis, Part 31.1 A Novel Molybdenum-Mediated Synthesis of Carbazole Derivatives: Application to the Total Synthesis of Mukonal and 1,1- TM -Bis(2-hydroxy-3-methylcarbazole). <i>Synlett</i> , 1996, 1996, 737-740.	1.8	55
64	Pseudilins: Halogenated, Allosteric Inhibitors of the Non-Mevalonate Pathway Enzyme IspD. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2235-2239.	13.8	53
65	Highly Selective Oxidations of Fe(CO) ₃ -Cyclohexadiene Complexes: Synthesis of 4b,8a-Dihydrocarbazol-3-ones and the First Total Synthesis of Carbazomycin A. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 223-225.	4.4	52
66	Astrocytes and microglia but not neurons preferentially generate N-terminally truncated A β ² peptides. <i>Neurobiology of Disease</i> , 2015, 73, 24-35.	4.4	52
67	Total Synthesis of 7- and 8-Oxygenated Pyrano[3,2-a<i>f</i>]carbazole and Pyrano[2,3-a<i>f</i>]carbazole Alkaloids via Boronic Acid-Catalyzed Annulation of the Pyran Ring. <i>Chemistry - A European Journal</i> , 2014, 20, 8536-8540.	3.3	51
68	Transition metal complexes in organic synthesis, part 37.1 convergent iron-mediated total synthesis of the potent lipid peroxidation inhibitor carbazoquinocin C. <i>Tetrahedron Letters</i> , 1997, 38, 1535-1538.	1.4	50
69	Novel approach to biscarbazole alkaloids via Ullmann coupling - synthesis of murrastifoline-A and bismurrayafoline-A. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7269.	2.8	50
70	Isocyanates, part 5 Synthesis of chiral oxazolidin-2-ones and imidazolidin-2-ones via DMAP-catalyzed isocyanation of amines with di-tert-butyl dicarbonate. <i>Tetrahedron Letters</i> , 1998, 39, 9407-9410.	1.4	49
71	Recent applications of tricarbonyliron-diene complexes to organic synthesis. <i>Pure and Applied Chemistry</i> , 2001, 73, 1075-1086.	1.9	49
72	Introduction. <i>The Alkaloids Chemistry and Biology</i> , 2008, 65, 1.	2.0	48

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73	Methylation of the Sterol Nucleus by STRM-1 Regulates Dauer Larva Formation in <i>Caenorhabditis elegans</i> . <i>Developmental Cell</i> , 2009, 16, 833-843.	7.0	48
74	The total synthesis of the carbazole antibiotic carbazomycin B and an improved route to carbazomycin A1b. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, .	2.0	47
75	Maradolipids: Diacyltrehalose Glycolipids Specific to Dauer Larva in <i>Caenorhabditis elegans</i> . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9430-9435.	13.8	47
76	Conversion of Olefins into Ketones by an Iron-Catalyzed Wacker-Type Oxidation Using Oxygen as the Sole Oxidant. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1222-1226.	13.8	47
77	Analysis of bioactive oxysterols in newborn mouse brain by LC/MS. <i>Journal of Lipid Research</i> , 2012, 53, 2469-2483.	4.2	46
78	Indoloquinones, Part 2 Palladium-promoted synthesis of a 7-deoxyprekinamycin isomer. <i>Tetrahedron Letters</i> , 1994, 35, 1695-1698.	1.4	45
79	Transition metal complexes in organic synthesis, part 53. Iron-mediated synthesis of hyellazole and isohyellazole. <i>Tetrahedron</i> , 1999, 55, 10391-10412.	1.9	45
80	Total synthesis of the cyclic monoterpene pyrano[3,2- <i>a</i>]carbazole alkaloids derived from 2-hydroxy-6-methylcarbazole. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6490-6499.	2.8	44
81	Transition Metal-Diene Complexes in Organic Synthesis; Part 11.1 Tricarbonyl(<i>η</i> -4-1-aza-1,3-butadiene) iron Complexes as Iron Tricarbonyl Transfer Reagents: 1-Aza-1,3-butadiene-Catalyzed Transfer of the Iron Tricarbonyl Fragment and Complexation of 1,3-Dienes by Polymer-Supported Iron Tricarbonyl. <i>Synlett</i> , 1992, 1992, 517-520.	1.8	43
82	Lewis Acid Promoted [2+ 2] Cycloaddition of Allylsilanes and Unsaturated Esters: A Novel Method for Cyclobutane Construction. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1612-1615.	4.4	43
83	Asymmetric Catalysis in the Complexation of Prochiral Dienes by the Tricarbonyliron Fragment: A Novel Methodology for the Enantioselective Synthesis of Planar Chiral Tricarbonyl(diene)iron Complexes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 341-344.	4.4	43
84	Transition metal complexes in organic synthesis, part 36. Cyclization of tricarbonyliron complexes by oxygen to 4a,9a-dihydro-9H-carbazoles: Application to the synthesis of mukonine, mukonidine, and pyrido[3,2- <i>l</i>]carbazoles. <i>Tetrahedron Letters</i> , 1997, 38, 533-536.	1.4	43
85	1,4-Diaryl-1-azabuta-1,3-diene-Catalyzed Complexation of Cyclohexa-1,3-diene by the Tricarbonyliron Fragment: A Development of Highly Efficient Catalysts, Optimization of Reaction Conditions, and Proposed Mechanism. <i>Organometallics</i> , 1998, 17, 3916-3925.	2.3	43
86	Transition metal complexes in organic synthesis, part 55. Synthesis of corannulene via an iron-mediated [2+2+1] cycloaddition. <i>Tetrahedron Letters</i> , 1999, 40, 8075-8078.	1.4	43
87	Cycloadditions of Allylsilanes, Part 7.10 Stereoselective Synthesis of Hydroxycyclopentanes from Silylcyclopentanes by Oxidative Cleavage of the Carbon-Silicon Bond. <i>Synlett</i> , 1995, 1995, 378-382.	1.8	42
88	Hochselektive Oxidationen von Fe(CO) ₃ -Cyclohexadien-Komplexen: Synthese von 4b,8a-Dihydrocarbazol-3-onen und erste Totalsynthese von Carbazomycin A. <i>Angewandte Chemie</i> , 1989, 101, 225-227.	2.0	41
89	Transition metal complexes in organic synthesis, part 33. Molybdenum-mediated total synthesis of girinimbine, murrayacine, and dihydroxygirinimbine. <i>Tetrahedron Letters</i> , 1996, 37, 7947-7950.	1.4	41
90	Highly Stereoselective Synthesis of Bicyclo[3.0.3]alkanes by Titanium Tetrachloride Promoted [3 + 2] Cycloaddition of Allylsilanes and <i>α</i> -Acetylcycloalkenes. <i>Chemistry - A European Journal</i> , 1997, 3, 538-551.	3.3	41

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91	Transition metal complexes in organic synthesis, part 35.1 first total synthesis of furostifoline. <i>Tetrahedron Letters</i> , 1996, 37, 9183-9186.	1.4	40
92	Transition metal complexes in organic synthesis, part 38. First total synthesis of carbazomycin G and H. <i>Tetrahedron Letters</i> , 1997, 38, 4051-4054.	1.4	40
93	Novel Three-Step Synthesis of (±)-Harmicine. <i>Synlett</i> , 2004, 2004, 1767-1768.	1.8	40
94	Transition metal complexes in organic synthesis. Part 65: Iron-mediated synthesis of carazostatin, a free radical scavenger from <i>Streptomyces chromofuscus</i> , and O-methylcarazostatin. <i>Tetrahedron</i> , 2002, 58, 8937-8945.	1.9	39
95	Inhibition of Myosin ATPase Activity by Halogenated Pseudilins: A Structure-Activity Study. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3675-3685.	6.4	39
96	Transition metal complexes in organic synthesis, part 54. Improved total syntheses of the antibiotic alkaloids carbazomycin A and B. <i>Tetrahedron Letters</i> , 1999, 40, 6915-6918.	1.4	38
97	Isolation and structure elucidation of natural products of three soft corals and a sponge from the coast of Madagascar. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2593-2608.	2.8	38
98	Total Synthesis of the Marine Alkaloid Hyellazole. <i>Tetrahedron Letters</i> , 1995, 36, 5339-5342.	1.4	37
99	Synthesis, Molecular Structure, Fluxional Behavior, and Tricarbonyliron Transfer Reactions of (1-4-1-Azabuta-1,3-diene)tricarbonyliron Complexes. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 993-1007.	2.0	37
100	Transition Metal Complexes in Organic Synthesis. Part 57: Synthesis of 1-Azabuta-1,3-dienes and Application to Catalytic Complexation of Buta-1,3-dienes and Cycloalkadienes by the Tricarbonyliron Fragment. <i>Tetrahedron</i> , 2000, 56, 2259-2271.	1.9	37
101	Transition Metal Complexes in Organic Synthesis, Part 74: Total Synthesis of the Marine Alkaloid 6-Chlorohyellazole. <i>Synlett</i> , 2004, 2004, 2705-2708.	1.8	36
102	[3+2] cycloadditions of allylsilanes - 4.. <i>Tetrahedron</i> , 1993, 49, 9955-9972.	1.9	35
103	Transition Metal-Diene Complexes in Organic Synthesis, Part 22. The Iron-Mediated Quinone Imine Cyclization: A General Route to 3-Hydroxycarbazoles. <i>Synthesis</i> , 1995, 1995, 397-408.	2.3	35
104	Transition metal complexes in organic synthesis, part 42. First total synthesis of the potent neuronal cell protecting substance (±)-lavanduquinocin via iron- and nickel-mediated coupling reactions. <i>Tetrahedron Letters</i> , 1998, 39, 2537-2540.	1.4	35
105	Transition metal-mediated synthesis of carbazole derivatives. <i>Advances in Nitrogen Heterocycles</i> , 1995, 173-204.	0.2	35
106	Transition metal complexes in organic synthesis, part 43. First total synthesis of the free radical scavenger (±)-neocarazostatin B via iron- and nickel-mediated coupling reactions. <i>Tetrahedron Letters</i> , 1998, 39, 2947-2950.	1.4	34
107	Cycloadditions of Allylsilanes, Part 11. Stereoselective Synthesis of Hydroxycyclopentanes and Hydroxymethylcyclobutanes by Titanium Tetrachloride-Promoted [3+2] and [2+2] Cycloadditions of Sterically Hindered Allylsilanes and Subsequent Oxidative Cleavage of the Carbon-Silicon Bond. <i>Synlett</i> , 1998, 1998, 613-616.	1.8	34
108	Stereoselective synthesis of the hormonally active (2S)-7-dafachronic acid, (2S)-4-dafachronic acid, (2S)-dafachronic acid, and (2S)-cholestenoic acid. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4293.	2.8	34

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109	Analysis of Amino-Terminal Variants of Amyloid- β^2 Peptides by Capillary Isoelectric Focusing Immunoassay. <i>Analytical Chemistry</i> , 2013, 85, 8142-8149.	6.5	34
110	Silver(i)-promoted oxidative cyclisation to pyrrolo[2,1-a]isoquinolines and application to the synthesis of (\pm)-crispine A. <i>RSC Advances</i> , 2013, 3, 1089-1096.	3.6	34
111	Red Algae (Rhodophyta) from the Coast of Madagascar: Preliminary Bioactivity Studies and Isolation of Natural Products. <i>Marine Drugs</i> , 2015, 13, 4197-4216.	4.6	34
112	Synthesis of 1,1'- and 2,2'-Bicarbazole Alkaloids by Iron(III)-Catalyzed Oxidative Coupling of 2- and 1-Hydroxycarbazoles. <i>Chemistry - A European Journal</i> , 2018, 24, 458-470.	3.3	34
113	First total synthesis of carbazomycin C and Δ^5 1. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 349-350.	0.9	33
114	Transition Metal Complexes in Organic Synthesis, Part 71: First Total Synthesis of Furoclausine-A. <i>Synlett</i> , 2004, 2004, 528-530.	1.8	33
115	IR, Raman, and UV/Vis Spectra of Corannulene for Use in Possible Interstellar Identification. <i>ChemPhysChem</i> , 2008, 9, 2085-2091.	2.1	33
116	Myosin 1E localizes to actin polymerization sites in lamellipodia, affecting actin dynamics and adhesion formation. <i>Biology Open</i> , 2013, 2, 1288-1299.	1.2	33
117	Stereoselective total synthesis of (\pm)-fraganol by TiCl_4 promoted [2+2] cycloaddition of allyl-tert-butyl-diphenylsilane and methyl methacrylate. <i>Chemical Communications</i> , 1999, , 1737-1738.	4.1	32
118	Total synthesis of biologically active alkaloids using transition metals. <i>Pure and Applied Chemistry</i> , 2010, 82, 1975-1991.	1.9	32
119	Myosin 1b functions as an effector of EphB signaling to control cell repulsion. <i>Journal of Cell Biology</i> , 2015, 210, 347-361.	5.2	32
120	Endocannabinoids in <i>Caenorhabditis elegans</i> are essential for the mobilization of cholesterol from internal reserves. <i>Scientific Reports</i> , 2018, 8, 6398.	3.3	32
121	Transition Metal Complexes in Organic Synthesis, Part 39. First Total Synthesis of the Potent Neuronal Cell Protecting Substance (\pm)-Carquinostatin A via Iron- and Nickel-Mediated Coupling Reactions. <i>Synlett</i> , 1997, 1997, 1108-1110.	1.8	31
122	[3+2] cycloadditions of allylsilanes, Part 3. diastereoselective construction of two contiguous quaternary carbon centers by [3+2] cycloaddition of allyl-tris(isopropyl)silane. <i>Tetrahedron Letters</i> , 1993, 34, 4765-4768.	1.4	30
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