

Hans-Joachim Knäuper

List of Publications by Year in descending order

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269
papers

14,776
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26626

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docs citations

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times ranked

10591
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#	ARTICLE	IF	CITATIONS
1	Iron-Catalyzed Oxidative C-C and C-N Coupling Reactions Using Air as Sole Oxidant**. Chemistry - A European Journal, 2022, 28, .	3.3	13
2	Palladium-Catalyzed Synthesis of Alkylcarbazoles and Their Identification in Petroleum and Source Rocks**. European Journal of Organic Chemistry, 2022, 2022, .	2.4	1
3	Synthesis of indolo[2,3-a]carbazole via an intramolecular McMurry coupling. Arkivoc, 2021, 2020, 192-200.	0.5	3
4	First Total Synthesis and Investigation of the X-ray Crystal Structure of the Pyrano[3,2-a]carbazole Alkaloid Clausenalansine. Synthesis, 2021, 53, 359-364.	2.3	1
5	In vitro and in vivo effects of inhibitors on actin and myosin. Bioorganic and Medicinal Chemistry, 2021, 30, 115928.	3.0	3
6	Cross-talk between the calcium channel TRPV4 and reactive oxygen species interlocks adhesive and degradative functions of invadosomes. Journal of Cell Biology, 2021, 220, .	5.2	10
7	UHPLC-IM-Q-ToFMS analysis of maradolipids, found exclusively in Caenorhabditis elegans dauer larvae. Analytical and Bioanalytical Chemistry, 2021, 413, 2091-2102.	3.7	6
8	Myosin 1c: A novel regulator of glucose uptake in brown adipocytes. Molecular Metabolism, 2021, 53, 101247.	6.5	1
9	Loss of Motor Protein MYO1C Causes Rhodopsin Mislocalization and Results in Impaired Visual Function. Cells, 2021, 10, 1322.	4.1	8
10	Iron-Catalyzed Wacker-Type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands**. Angewandte Chemie - International Edition, 2021, 60, 14083-14090.	13.8	29
11	Iron-Catalyzed Wacker-Type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands**. Angewandte Chemie, 2021, 133, 14202-14209.	2.0	12
12	Isolation and structure elucidation of pyridine alkaloids from the aerial parts of the Mongolian medicinal plant Caryopteris mongolica Bunge. Scientific Reports, 2021, 11, 13740.	3.3	4
13	Mechanistic Studies on the Hexadecafluorophthalocyanine-Iron-Catalyzed Wacker-Type Oxidation of Olefins to Ketones**. Chemistry - A European Journal, 2021, 27, 16776-16787.	3.3	11
14	Iron-Catalyzed Oxidative C-C Cross-Coupling Reaction of Tertiary Anilines with Hydroxyarenes by Using Air as Sole Oxidant**. Chemistry - A European Journal, 2020, 26, 2499-2508.	3.3	23
15	Synthesis of Clausenal, 1,5-Dimethoxycarbazole-carbaldehyde and 2,5-Dimethoxycarbazole-carbaldehyde. European Journal of Organic Chemistry, 2020, 2020, 5572-5579.	2.4	4
16	Pharmacological Inhibition of Amyloidogenic APP Processing and Knock-Down of APP in Primary Human Macrophages Impairs the Secretion of Cytokines. Frontiers in Immunology, 2020, 11, 1967.	4.8	13
17	Development and Technical Validation of an Immunoassay for the Detection of APP669-711 (A β 3-40) in Biological Samples. International Journal of Molecular Sciences, 2020, 21, 6564.	4.1	12
18	Iron-Catalyzed Synthesis, Structure, and Photophysical Properties of Tetraarylnaphthidines. Molecules, 2020, 25, 1608.	3.8	12

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19	Synthesis and Crystal Structure of Dimorphic Dibenzo[cde , opq]rubicene. Chemistry - A European Journal, 2019, 25, 13759-13765.	3.3	8
20	Pentachloropseudilin Impairs Angiogenesis by Disrupting the Actin Cytoskeleton, Integrin Trafficking and the Cell Cycle. ChemBioChem, 2019, 20, 2390-2401.	2.6	7
21	The motor protein Myo1c regulates transforming growth factor- β signaling and fibrosis in podocytes. Kidney International, 2019, 96, 139-158.	5.2	20
22	First Total Synthesis of 7-Isovaleryloxy-8-methoxygirinimbine. Synthesis, 2018, 50, 2516-2522.	2.3	5
23	Endocannabinoids in Caenorhabditis elegans are essential for the mobilization of cholesterol from internal reserves. Scientific Reports, 2018, 8, 6398.	3.3	32
24	Improved Specificity Prediction of Small Molecule Myosin Inhibitors through Ensemble-Based Molecular Docking. Biophysical Journal, 2018, 114, 681a.	0.5	0
25	Decoding Allosteric Networks in Biocatalysts: Rational Approach to Therapies and Biotechnologies. ACS Catalysis, 2018, 8, 2683-2692.	11.2	11
26	Pentachloropseudilin Inhibits Transforming Growth Factor- β (TGF- β) Activity by Accelerating Cell Surface Type II TGF- β Receptor Turnover in Target Cells. ChemBioChem, 2018, 19, 851-864.	2.6	16
27	Myosin 1b promotes axon formation by regulating actin wave propagation and growth cone dynamics. Journal of Cell Biology, 2018, 217, 2033-2046.	5.2	27
28	Synthesis of 1,1'- and 2,2'-Bicarbazole Alkaloids by Iron(III)-Catalyzed Oxidative Coupling of 2- and 1-Hydroxycarbazoles. Chemistry - A European Journal, 2018, 24, 458-470.	3.3	34
29	Conversion of Olefins into Ketones by an Iron-Catalyzed Wacker-type Oxidation Using Oxygen as the Sole Oxidant. Angewandte Chemie - International Edition, 2018, 57, 1222-1226.	13.8	47
30	Enantioselective Total Synthesis and Assignment of the Absolute Configuration of the Furo[3,2- <i>a</i>]carbazole Alkaloid Furoclausine-B. Journal of Organic Chemistry, 2018, 83, 15136-15143.	3.2	13
31	Lipidomimetic Compounds Act as HIV-1 Entry Inhibitors by Altering Viral Membrane Structure. Frontiers in Immunology, 2018, 9, 1983.	4.8	14
32	Pentabromopseudilin: a myosin V inhibitor suppresses TGF- β activity by recruiting the type II TGF- β receptor to lysosomal degradation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 920-935.	5.2	16
33	Synthesis and Activity against Mycobacterium tuberculosis of Olivacine and Oxygenated Derivatives. Molecules, 2018, 23, 1402.	3.8	12
34	Synthesis of Euchrestifoline Using Iron- and Palladium-Catalyzed C-H Bond Activations. European Journal of Organic Chemistry, 2018, 2018, 4272-4276.	2.4	13
35	Conversion of Olefins into Ketones by an Iron-Catalyzed Wacker-type Oxidation Using Oxygen as the Sole Oxidant. Angewandte Chemie, 2018, 130, 1236-1240.	2.0	11
36	Isolation and structure elucidation of natural products of three soft corals and a sponge from the coast of Madagascar. Organic and Biomolecular Chemistry, 2017, 15, 2593-2608.	2.8	38

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37	First Total Synthesis of the Cytotoxic Carbazole Alkaloid Excavatine ^A and Regioselective Annulation to Pyrano[2,3- <i>a</i>]carbazoles and [1,4]Oxazepino[2,3,4- <i>jk</i>]carbazoles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3288-3300.	2.4	10
38	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
39	Phosphorylated glycosphingolipids essential for cholesterol mobilization in <i>Caenorhabditis elegans</i> . <i>Nature Chemical Biology</i> , 2017, 13, 647-654.	8.0	23
40	Anti-tuberculosis activity and structure-activity relationships of oxygenated tricyclic carbazole alkaloids and synthetic derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6167-6174.	3.0	28
41	Iron-Catalyzed Oxidative C-C and N-N Coupling of Diarylamines and Synthesis of Spiroacridines. <i>Angewandte Chemie</i> , 2017, 129, 564-568.	2.0	28
42	Synthesis of Tetranuclear Palladium(II) Complexes and Their Catalytic Activity for Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 17576-17583.	3.3	7
43	Quantitative Structure-Retention Relationships for Polycyclic Aromatic Hydrocarbons and their Oligoalkynyl-Substituted Derivatives. <i>ChemistryOpen</i> , 2017, 6, 519-525.	1.9	3
44	Reductive Eliminations from Diarylpalladium(II) Complexes: A Combined Experimental and Computational Investigation. <i>Chemistry - A European Journal</i> , 2017, 23, 15116-15123.	3.3	9
45	Myosin-1 inhibition by PCIP affects membrane shape, cortical actin distribution and lipid droplet dynamics in early Zebrafish embryos. <i>PLoS ONE</i> , 2017, 12, e0180301.	2.5	18
46	Synthesis of Stable Diarylpalladium(II) Complexes: Detailed Study of the Aryl-Aryl Bond-Forming Reductive Elimination. <i>Chemistry - A European Journal</i> , 2016, 22, 11186-11190.	3.3	20
47	Synthesis of Methylene-Bridged Biscarbazole Alkaloids by using an Ullmann-type Coupling: First Total Synthesis of Murrastifoline ^C and Murratoline ^E . <i>Chemistry - A European Journal</i> , 2016, 22, 2487-2500.	3.3	17
48	Solid-Phase Synthesis and Characterization of N-Terminally Elongated α^3 -Peptides. <i>Chemistry - A European Journal</i> , 2016, 22, 8685-8693.	3.3	8
49	Palladium-Catalyzed Synthesis of Pyrayaquinones, Murrayaquinones, and Murrayafoline-B. <i>Synthesis</i> , 2016, 49, 275-292.	2.3	6
50	Synthesis of Glycoborine, Glybomine A and B, the Phytoalexin Carballexin A and the β -Adrenoreceptor Antagonists Carazolol and Carvedilol. <i>Chemistry - A European Journal</i> , 2016, 22, 16897-16911.	3.3	25
51	Validation of soluble amyloid ² precursor protein assays as diagnostic CSF biomarkers for neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2016, 137, 112-121.	3.9	17
52	Chemical constituents isolated from <i>Zygophyllum melongena</i> Bunge growing in Mongolia. <i>Natural Product Research</i> , 2016, 30, 1661-1664.	1.8	11
53	The role of myosin 1c and myosin 1b for surfactant exocytosis. <i>Journal of Cell Science</i> , 2016, 129, 1685-96.	2.0	24
54	Chemical constituents of the soft corals <i>Sinularia vanderlandi</i> and <i>Sinularia gravis</i> from the coast of Madagascar. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 989-1001.	2.8	19

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55	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
56	Synthesis of the Pyrano[3,2-a]carbazole Alkaloids Koenine, Koenimbine, Koenigine, Koenigicine, and Structural Reassignment of Mukonicine. <i>Synthesis</i> , 2015, 48, 150-160.	2.3	10
57	Iron Catalysis in Organic Synthesis. <i>Chemical Reviews</i> , 2015, 115, 3170-3387.	47.7	1,500
58	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
59	Palladium-Catalyzed Approach to Malassezia A and First Total Synthesis of Malassezia C. <i>Synlett</i> , 2015, 26, 1549-1552.	1.8	16
60	Total Syntheses of Murrayamine E, I, and K. <i>Journal of Organic Chemistry</i> , 2015, 80, 5666-5673.	3.2	60
61	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
62	Total synthesis of glycomaurrol and eustifoline-C by DIBAL-H promoted reductive ring opening of pyrano[2,3-c]carbazoles. <i>Tetrahedron</i> , 2015, 71, 3485-3490.	1.9	22
63	Brown Algae (Phaeophyceae) from the Coast of Madagascar: preliminary Bioactivity Studies and Isolation of Natural Products. <i>Natural Products and Bioprospecting</i> , 2015, 5, 223-235.	4.3	18
64	Astrocytes and microglia but not neurons preferentially generate N-terminally truncated A β peptides. <i>Neurobiology of Disease</i> , 2015, 73, 24-35.	4.4	52
65	First Total Synthesis of Murrastifoline B and an Improved Route to Murrastifoline F. <i>Synlett</i> , 2014, 25, 1381-1384.	1.8	22
66	Synthesis of Carbalexin B, Clausine A, Clausoline M, and 2,8-Dihydroxy-3-methylcarbazole. <i>Synthesis</i> , 2014, 46, 2651-2655.	2.3	15
67	Total synthesis of the cyclic monoterpene pyrano[3,2-a]carbazole alkaloids derived from 2-hydroxy-6-methylcarbazole. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6490-6499.	2.8	44
68	Pseudilins: Halogenated, Allosteric Inhibitors of the Non-Mevalonate Pathway Enzyme IspD. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2235-2239.	13.8	53
69	Palladium(II)-Catalyzed Synthesis of the Formylcarbazole Alkaloids Murrayline A, 7-Methoxymukonal, and 7-Methoxy-8-methylmukonal. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4014-4028.	2.4	27
70	Silver(I)-Catalyzed Route to Pyrroles: Synthesis of Halogenated Pseudilins as Allosteric Inhibitors for Myosin ATPase and X-Ray Crystal Structures of the Protein-Inhibitor Complexes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4487-4505.	2.4	18
71	Total Synthesis of 7- and 8-Oxygenated Pyrano[3,2-a]carbazole and Pyrano[2,3-a]carbazole Alkaloids via Boronic Acid-Catalyzed Annulation of the Pyran Ring. <i>Chemistry - A European Journal</i> , 2014, 20, 8536-8540.	3.3	51
72	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

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73	First total syntheses of chrestifoline-B and (±)-chrestifoline-C, and improved synthetic routes to bismurrayafoline-A, bismurrayafolinol and chrestifoline-D. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3831-3835.	2.8	19
74	Regioselective prenylation of bromocarbazoles by palladium(0)-catalysed cross coupling " synthesis of O-methylsiamenol, O-methylmicromeline and carquinostatin A. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 872-875.	2.8	17
75	A wax ester promotes collective host finding in the nematode <i>Pristionchus pacificus</i> . <i>Nature Chemical Biology</i> , 2014, 10, 281-285.	8.0	23
76	Synthesis of 2-Hydroxy-7-methylcarbazole, Glycozolicine, Mukoline, Mukolidine, Sansoakamine, Clausine-H, and Clausine-K and Structural Revision of Clausine-Y. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4741-4752.	2.4	30
77	Synthesis of Prenyl- and Geranyl-Substituted Carbazole Alkaloids by DIBAL-H Promoted Reductive Pyran Ring Opening of Dialkylpyrano[3,2-a<i>/i>]carbazoles. <i>Chemistry - A European Journal</i> , 2014, 20, 9504-9509.	3.3	57
78	Concentrations of halogenated natural products versus PCB 153 in bivalves from the North and Baltic Seas. <i>Science of the Total Environment</i> , 2014, 490, 994-1001.	8.0	16
79	Evaluation of steroidal amines as lipid raft modulators and potential anti-influenza agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5165-5169.	2.2	9
80	Synthesis and biological activity of (24E)- and (24Z)-26-hydroxydesmosterol. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5794-5798.	3.0	3
81	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
82	Total Synthesis of the Biscarbazole Alkaloids Murrafoline...-D by a Domino Sonogashira Coupling/Claisen Rearrangement/Electrocyclization Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11073-11077.	13.8	102
83	Efficient Construction of Pyrano[3,2-a<i>/i>]carbazoles: Application to a Biomimetic Total Synthesis of Cyclized Monoterpenoid Pyrano[3,2-a<i>/i>]carbazole Alkaloids. <i>Chemistry - A European Journal</i> , 2013, 19, 14098-14111.	3.3	105
84	Transition metals in organic synthesis. Part 108: first total synthesis of ekeberginine. <i>Tetrahedron Letters</i> , 2013, 54, 591-593.	1.4	13
85	Iron-Mediated Total Synthesis of 2,7-Dioxygenated Carbazole Alkaloids. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 59-64.	2.4	21
86	Discovery and widespread occurrence of polyhalogenated 1,1'-dimethyl-2,2'-bipyrroles (PDBPs) in marine biota. <i>Environmental Pollution</i> , 2013, 178, 329-335.	7.5	20
87	Inhibitory effect of oxygenated cholestan-3 β -ol derivatives on the growth of <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6111-6113.	2.2	4
88	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
89	Transition Metals in Organic Synthesis, Part 111: First Total Synthesis and Structural Revision of Antipathine A. <i>Synlett</i> , 2013, 24, 2102-2106.	1.8	11
90	Nuclear Hormone Receptor Regulation of MicroRNAs Controls Innate Immune Responses in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003545.	4.7	25

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91	Silver(I)-promoted oxidative cyclisation to pyrrolo[2,1-a]isoquinolines and application to the synthesis of (±)-crispine A. <i>RSC Advances</i> , 2013, 3, 1089-1096.	3.6	34
92	Transition metals in organic synthesis, Part 105. Synthesis of pyrroles by silver(I)-promoted oxidative cyclization. <i>Arkivoc</i> , 2013, 2013, 6-12.	0.5	1
93	Transition Metals in Organic Synthesis, Part 100: Highly Efficient Palladium(II)-Catalyzed Oxidative Cyclization to the 1,7,8-Trioxxygenated Carbazole Alkaloid Murrayastine. <i>Synlett</i> , 2012, 23, 1230-1234.	1.8	11
94	Analysis of bioactive oxysterols in newborn mouse brain by LC/MS. <i>Journal of Lipid Research</i> , 2012, 53, 2469-2483.	4.2	46
95	TRANSITION METALS IN ORGANIC SYNTHESIS, PART 104. IRON-MEDIATED TOTAL SYNTHESIS OF FUROCLAUSINE-A. <i>Heterocycles</i> , 2012, 86, 357.	0.7	12
96	Optimisation of BACE1 inhibition of tripartite structures by modification of membrane anchors, spacers and pharmacophores – development of potential agents for the treatment of Alzheimer's disease. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8216.	2.8	18
97	First total synthesis of the bis-carbazole alkaloid oxydimurrayafoline. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5189.	2.8	25
98	Novel approach to bis-carbazole alkaloids via Ullmann coupling – synthesis of murrastifoline-A and bismurrayafoline-A. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7269.	2.8	50
99	Stereoselective synthesis and hormonal activity of novel dafachronic acids and naturally occurring steroids isolated from corals. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4159.	2.8	18
100	Transition metals in organic synthesis. Part 101: Convergent total synthesis of 1,6-dioxygenated carbazole alkaloids. <i>Tetrahedron</i> , 2012, 68, 6727-6736.	1.9	30
101	Occurrence, Biogenesis, and Synthesis of Biologically Active Carbazole Alkaloids. <i>Chemical Reviews</i> , 2012, 112, 3193-3328.	47.7	1,043
102	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
103	Transition metals in organic synthesis, Part 98. Transition metal mediated total synthesis of the potent neuronal cell protecting alkaloid (±)-lavanduquinocin. <i>Arkivoc</i> , 2012, 2012, 330-342.	0.5	8
104	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
105	The Pyrrolo[2,1-a]isoquinoline Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2011, 70, 79-151.	2.0	29
106	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
107	Synthesis of Pyrrole and Carbazole Alkaloids. <i>Topics in Current Chemistry</i> , 2011, 309, 203-253.	4.0	195
108	Spectroscopy of Dibenzenorubicene: Experimental Data for a Search in Interstellar Spectra. <i>ChemPhysChem</i> , 2011, 12, 2131-2137.	2.1	6

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109	Mechanism and Specificity of Pentachloropseudilin-mediated Inhibition of Myosin Motor Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 29700-29708.	3.4	56
110	Transition Metals in Organic Synthesis, Part 96: First Total Synthesis of Streptoverticillin: Unambiguous Confirmation of the Absolute Configuration. <i>Synlett</i> , 2011, 2011, 2663-2666.	1.8	2
111	Transition Metals in Organic Synthesis, Part 95: First Total Synthesis of the 1,7-Dioxygenated Carbazole Alkaloids Clausine Q and Clausine R. <i>Synlett</i> , 2011, 2011, 2056-2058.	1.8	2
112	Transition Metals in Organic Synthesis, Part 97: Silver-Catalyzed Synthesis of Hexahalogenated 2,2-Bipyrrroles. <i>Synlett</i> , 2011, 2011, 2795-2798.	1.8	5
113	Synthesis of Ten Members of the Maradolipid Family; Novel Diacyltrehalose Glycolipids from <i>Caenorhabditis elegans</i> . <i>Synlett</i> , 2011, 2011, 2482-2486.	1.8	1
114	DAF-12 Regulates a Connected Network of Genes to Ensure Robust Developmental Decisions. <i>PLoS Genetics</i> , 2011, 7, e1002179.	3.5	57
115	Structural Design, Solid-Phase Synthesis and Activity of Membrane-Anchored Secretase Inhibitors on A β Generation from Wild-Type and Swedish Mutant APP. <i>Chemistry - A European Journal</i> , 2010, 16, 14412-14423.	3.3	28
116	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
117	Subcellular targeting strategies for drug design and delivery. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 29-42.	46.4	612
118	Total synthesis of biologically active alkaloids using transition metals. <i>Pure and Applied Chemistry</i> , 2010, 82, 1975-1991.	1.9	32
119	Cycloadditions of Allylsilanes - Part 22: Stereoselective Synthesis of Cyclopentanes and Cyclobutanes by Lewis Acid Promoted [3+2] and [2+2] Cycloadditions of Allylsilanes. <i>Synlett</i> , 2010, 2010, 2207-2239.	1.8	6
120	Determination of 4-nonylphenol in water samples using 4-(2,6-dimethylhept-3-yl)phenol as new internal standard. <i>Journal of Chromatography A</i> , 2010, 1217, 2950-2955.	3.7	17
121	Organosilicon-mediated total synthesis of the triquinane sesquiterpenes (\pm)-isocomene and (\pm)-isocomene. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4562.	2.8	13
122	Steroid hormones controlling the life cycle of the nematode <i>Caenorhabditis elegans</i> : stereoselective synthesis and biology. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 739-750.	2.8	24
123	4 \pm -Bromo-5 \pm -cholestan-3-ol and nor-5 \pm -cholestan-3-ol derivatives' stereoselective synthesis and hormonal activity in <i>Caenorhabditis elegans</i> . <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2303.	2.8	6
124	Improved Synthesis of an Ascaroside Pheromone Controlling Dauer Larva Development in <i>Caenorhabditis elegans</i> . <i>Synthesis</i> , 2009, 2009, 3488-3492.	2.3	2
125	Transition Metals in Organic Synthesis, Part 91: Palladium-Catalyzed Approach to 2,6-Dioxygenated Carbazole Alkaloids - First Total Synthesis of the Phytoalexin Carbaalexin C. <i>Synlett</i> , 2009, 2009, 2421-2424.	1.8	12
126	Synthesis and Hormonal Activity of the (25S)-Cholestan-26-Coic Acids - Potent Ligands for the DAF-12 Receptor in <i>Caenorhabditis elegans</i> . <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3703-3714.	2.4	18

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127	Total Synthesis of Pentabromo- and Pentachloropseudilin, and Synthetic Analogues as Allosteric Inhibitors of Myosin ATPase. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8042-8046.	13.8	78
128	The mechanism of pentabromopseudilin inhibition of myosin motor activity. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 80-88.	8.2	69
129	Cycloaddition of allylsilanes. Part 20: Organosilicon-mediated total synthesis of (\pm)-cameroonanol. <i>Tetrahedron</i> , 2009, 65, 5484-5490.	1.9	11
130	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
131	Synthesis and biological activity of the (25R)-cholesten-26-ic acids as ligands for the hormonal receptor DAF-12 in <i>Caenorhabditis elegans</i> . <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 909.	2.8	30
132	First total synthesis of the whole series of the antiostatins A and B. <i>Chemical Communications</i> , 2009, , 1467.	4.1	73
133	Synthesis of Biologically Active Carbazole Alkaloids Using Selective Transition-metal-catalyzed Coupling Reactions. <i>Chemistry Letters</i> , 2009, 38, 8-13.	1.3	189
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