

Hans-GÃ¼nther Schmalz

List of Publications by Year in descending order

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259
papers

8,603
citations

44066

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350
all docs

350
docs citations

350
times ranked

6468
citing authors

#	ARTICLE	IF	CITATIONS
1	Paraoxonase-1 is a major determinant of clopidogrel efficacy. <i>Nature Medicine</i> , 2011, 17, 110-116.	30.7	425
2	New Developments in the Pauson-Khand Reaction. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 911-914.	13.8	255
3	Gold(I)-Catalyzed Reaction of 1-(1-Alkynyl)-cyclopropyl Ketones with Nucleophiles: A Modular Entry to Highly Substituted Furans. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6704-6707.	13.8	234
4	Catalytic Ring-Closing Metathesis: A New, Powerful Technique for Carbon-Carbon Coupling in Organic Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1833-1836.	4.4	226
5	Pd-Catalyzed Enantioselective Allylic Substitution: New Strategic Options for the Total Synthesis of Natural Products. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2580-2584.	13.8	167
6	Acyloxybutadiene Iron Tricarbonyl Complexes as Enzyme-Triggered CO-Releasing Molecules (ET-CORMs). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2392-2396.	13.8	162
7	Total Syntheses of Colchicine in Comparison: A Journey through 50 Years of Synthetic Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3230-3256.	13.8	151
8	Enantioselective Nickel-Catalyzed Hydrocyanation of Vinylarenes Using Chiral Phosphine-Phosphite Ligands and TMS-CN as a Source of HCN. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1576-1580.	13.8	119
9	Enantioselective Cu-Catalyzed 1,4-Addition of Grignard Reagents to Cyclohexenone Using Taddol-Derived Phosphine-Phosphite Ligands and 2-Methyl-THF as a Solvent. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7718-7721.	13.8	118
10	Michael Additions of Aldehydes and Ketones to β -Nitrostyrenes in an Ionic Liquid. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1577-1583.	2.4	116
11	Insertion of Carbenoids into C-H Bonds of Ferrocenes: An Enantioselective-Catalytic Entry to Planar-Chiral Ferrocenes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2456-2458.	4.4	111
12	Total Synthesis of (S)-Colchicine via a Rh-Triggered Cycloaddition Cascade. <i>Organic Letters</i> , 2005, 7, 4317-4320.	4.6	103
13	Radical Additions to (1-6-Arene)(tricarbonyl)-chromium Complexes: Diastereoselective Synthesis of Hydrophenalene and Hydrobenzindene Derivatives by Samarium(II) Iodide Induced Cyclization. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2383-2385.	4.4	101
14	Palladium-Catalyzed Cyanomethylation of Aryl Halides through Domino Suzuki Coupling-Isoxazole Fragmentation. <i>Journal of the American Chemical Society</i> , 2011, 133, 6948-6951.	13.7	98
15	Organocatalyzed Synthesis of Oleochemical Carbonates from CO ₂ and Renewables. <i>ChemSusChem</i> , 2017, 10, 1076-1079.	6.8	95
16	A Modular Approach to Structurally Diverse Bidentate Chelate Ligands for Transition Metal Catalysis. <i>Chemistry - A European Journal</i> , 2000, 6, 2874-2894.	3.3	89
17	Identification of Suitable Ligands for a Transition Metal-Catalyzed Reaction: Screening of a Modular Ligand Library in the Enantioselective Hydroboration of Styrene. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 868-883.	4.3	89
18	Enantioselective Synthesis of Ferrocenyl Nucleoside Analogues with Apoptosis-Inducing Activity. <i>Organic Letters</i> , 2006, 8, 2763-2766.	4.6	83

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19	Asymmetric Hydroformylation Using Taddol-Based Chiral Phosphine-Phosphite Ligands. <i>Organometallics</i> , 2010, 29, 478-483.	2.3	80
20	Iron-Containing Nucleoside Analogues with Pronounced Apoptosis-Inducing Activity. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1731-1734.	13.8	75
21	Introduction of Allyl and Prenyl Side-Chains into Aromatic Systems by Suzuki Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3964-3972.	2.4	75
22	Diastereoselective Complexation of Temporarily Chirally Modified Ligands: Enantioselective Preparation and Configurational Assignment of Synthetically Valuable η^6 -Tricarbonylchromium-1-tetralone Derivatives. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 631-633.	4.4	70
23	Facile Construction of the Colchicine Skeleton By a Rhodium-Catalyzed Cyclization/Cycloaddition Cascade. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1524-1526.	13.8	70
24	Acyloxybutadiene tricarbonyl iron complexes as enzyme-triggered CO-releasing molecules (ET-CORMs): a structure-activity relationship study. <i>Dalton Transactions</i> , 2012, 41, 13862.	3.3	68
25	Chiral η^6 -Arene-Cr(CO) ₃ Complexes as Synthetic Building Blocks: A Short Enantioselective Total Synthesis of (+)-Ptilocaulin. <i>Chemistry - A European Journal</i> , 1998, 4, 57-66.	3.3	67
26	Structural and Energetical Characterization of Reactive Intermediates Derived from Toluene-Cr(CO) ₃ . <i>Chemistry - A European Journal</i> , 1999, 5, 537-545.	3.3	67
27	Enantioselective Organocatalysis in Ionic Liquids: Addition of Aliphatic Aldehydes and Ketones to Diethyl Azodicarboxylate. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4904-4911.	2.4	67
28	Different design of enzyme-triggered CO-releasing molecules (ET-CORMs) reveals quantitative differences in biological activities in terms of toxicity and inflammation. <i>Redox Biology</i> , 2014, 2, 739-748.	9.0	67
29	A [2 + 2 + 2]-Cycloaddition Approach toward 6-Oxa-allocolchicinoids with Apoptosis-Inducing Activity. <i>Organic Letters</i> , 2009, 11, 341-344.	4.6	66
30	Total Synthesis of the Marine Antibiotic Pestalone and its Surprisingly Facile Conversion into Pestalalactone and Pestalachloride...A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7588-7591.	13.8	66
31	Pd-katalysierte enantioselektive allylische Substitution: neue strategische Optionen für die Naturstoffsynthese. <i>Angewandte Chemie</i> , 2003, 115, 2684-2688.	2.0	65
32	Gaining Absolute Control of the Regiochemistry in the Cobalt-Catalyzed 1,4-Hydrovinylation Reaction. <i>Organic Letters</i> , 2011, 13, 6236-6239.	4.6	64
33	Iron Dienylphosphate Tricarbonyl Complexes as Water-Soluble Enzyme-Triggered CO-Releasing Molecules (ET-CORMs). <i>Organometallics</i> , 2012, 31, 5800-5809.	2.3	64
34	Colchicine Alkaloids and Synthetic Analogues: Current Progress and Perspectives. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10618-10651.	6.4	64
35	A Catalytic-Enantioselective Entry to Planar Chiral η^6 -Complexes: $\% \%$ Enantioselective Methoxycarbonylation of 1,2-Dichlorobenzene η^6 -Cr(CO) ₃ . <i>Organic Letters</i> , 2001, 3, 1753-1756.	4.6	59
36	<i>N</i> -Capping of Primary Amines with 2-Acyl-benzaldehydes To Give Isoindolinones. <i>Organic Letters</i> , 2011, 13, 5374-5377.	4.6	59

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37	Radical cyclization of $\hat{1}$ -6-arene-Cr(CO) ₃ complexes: A regio- and stereoselective entry to functionalized pseudopterosin precursors. <i>Tetrahedron Letters</i> , 1996, 37, 2947-2950.	1.4	57
38	Cobalt Catalysis in the Gas Phase: Experimental Characterization of Cobalt(I) Complexes as Intermediates in Regioselective Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 2013, 78, 10485-10493.	3.2	56
39	Design, Synthesis, and Functional Evaluation of CO-Releasing Molecules Triggered by Penicillin-G Amidase as a Model Protease. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12314-12318.	13.8	56
40	Enantioselective Synthesis of a <i>trans</i> -7,8-Dimethoxycalamenene. <i>Organic Letters</i> , 2007, 9, 3555-3558.	4.6	54
41	Modular Synthesis of Chiral Phosphine-Phosphite Ligands from Phenolic Precursors: A New Approach to Bidentate Chelate Ligands Exploiting a Pr^{O} to Pr^{C} Migration Rearrangement. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1309-1315.	4.3	54
42	Transition-Metal-Mediated Synthesis of Novel Carbocyclic Nucleoside Analogues with Antitumoral Activity. <i>Chemistry - A European Journal</i> , 2004, 10, 5087-5110.	3.3	52
43	New caspase-independent but ROS-dependent apoptosis pathways are targeted in melanoma cells by an iron-containing cytosine analogue. <i>Biochemical Pharmacology</i> , 2010, 79, 575-586.	4.4	52
44	Chiral phosphine-phosphite ligands in the enantioselective 1,4-addition of Grignard reagents to $\hat{1},\hat{2}$ -unsaturated carbonyl compounds. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 887-892.	1.8	52
45	Tandem Hydroalumination/Cu-Catalyzed Asymmetric Vinyl Metalation as a New Access to Enantioenriched Vinylcyclopropane Derivatives. <i>Organic Letters</i> , 2017, 19, 3970-3973.	4.6	52
46	Memory of Chirality in Electron Transfer Mediated Benzylic Umpolung Reactions of Arene-Cr(CO) ₃ Complexes. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1620-1623.	13.8	51
47	Stereoselective Syntheses of the 2-Isopropenyl-2,3-dihydrobenzofuran Nucleus: A Potential Chiral Building Blocks for the Syntheses of Tremetone, Hydroxytremetone, and Rotenone. <i>Journal of Organic Chemistry</i> , 2007, 72, 2857-2864.	3.2	50
48	Enantioselective Copper-Catalyzed Allylic Alkylation of Cinnamyl Chlorides by Grignard Reagents using Chiral Phosphine-Phosphite Ligands. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2023-2031.	4.3	50
49	Enzyme-triggered CO-releasing molecules (ET-CORMs): Evaluation of biological activity in relation to their structure. <i>Free Radical Biology and Medicine</i> , 2013, 65, 78-88.	2.9	50
50	Enantioselective Synthesis of the Aglycones of Pseudopterosin and seco-Pseudopterosin via a Common Synthetic Intermediate. <i>Synlett</i> , 1997, 1997, 1303-1305.	1.8	49
51	Asymmetric induction in the nucleophile addition to $\hat{1}$ -6-arene-tricarbonyl-chromium(0) complexes. <i>Tetrahedron Letters</i> , 1996, 37, 3089-3092.	1.4	47
52	Enantioselective Nickel-Catalyzed Hydrocyanation using Chiral Phosphine-Phosphite Ligands: Recent Improvements and Insights. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3317-3320.	4.3	47
53	Total synthesis of (1S,4S)-7,8-dihydroxycalamenene via benzylic alkylation of $\hat{1}$ -6-arene-Cr(CO) ₃ complexes. <i>Tetrahedron Letters</i> , 1993, 34, 6259-6262.	1.4	46
54	Synthesis and biological evaluation of new antimalarial isonitriles related to marine diterpenoids. <i>Tetrahedron Letters</i> , 2002, 43, 1009-1013.	1.4	46

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55	Synthesis and Performance of Acyloxy-diene-Fe(CO) ₃ Complexes with Variable Chain Lengths as Enzyme-Triggered Carbon Monoxide-Releasing Molecules. <i>Organometallics</i> , 2013, 32, 3587-3594.	2.3	45
56	Controlling the Course of Nucleophilic Additions to ortho-Substituted (1,6-Anisole)tricarbonyl-chromium Complexes: Dienol Ether Formation versus ortho-Substitution. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2146-2148.	4.4	44
57	Studies toward the Total Synthesis of Mumbaistatin, a Highly Potent Glucose-6-phosphate Translocase Inhibitor. Synthesis of a Mumbaistatin Analogue. <i>Journal of Organic Chemistry</i> , 2002, 67, 9248-9256.	3.2	44
58	Addressing Protein-Protein Interactions with Small Molecules: A Pro-Dipeptide Mimic with a PPII Helix Conformation as a Module for the Synthesis of PRD-Binding Ligands. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7111-7115.	13.8	44
59	Enantioselective synthesis of new C ₂ -symmetric ferrocenylalkylamines via sonochemical amination of 1-ferrocenylalkyl acetates. <i>Tetrahedron</i> , 1997, 53, 7219-7230.	1.9	43
60	New modular manganese(i) tricarbonyl complexes as PhotoCORMs: in vitro detection of photoinduced carbon monoxide release using COP-1 as a fluorogenic switch-on probe. <i>Dalton Transactions</i> , 2014, 43, 8664.	3.3	43
61	Chiral Phosphine-Phosphite Ligands in Asymmetric Gold Catalysis: Highly Enantioselective Synthesis of Furo[3,4-d]Tetrahydropyridazine Derivatives through [3+3]Cycloaddition. <i>Chemistry - A European Journal</i> , 2018, 24, 2379-2383.	3.3	43
62	Radikalische Addition an (1,6-Aren)tricarbonylchrom-Komplexe: diastereoselektive Synthese von Hydrophenalenen und Hydrobenzindenen durch Samarium(II)-induzierte Cyclisierung. <i>Angewandte Chemie</i> , 1995, 107, 2597-2599.	2.0	41
63	Synthesis and Biological Evaluation of Furanoalcolchicinoids. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 692-704.	6.4	41
64	Chiral 1,6-arene-Cr(CO) ₃ complexes as synthetic building blocks: An enantio- and diastereoselective approach to substituted hydrophenalenes related to helioporin E and pseudopterosin G. <i>Tetrahedron Letters</i> , 1994, 35, 6861-6864.	1.4	40
65	Azides Derived from Colchicine and their Use in Library Synthesis: a Practical Entry to New Bioactive Derivatives of an Old Natural Drug. <i>ChemMedChem</i> , 2010, 5, 661-665.	3.2	40
66	Prevention of colitis by controlled oral drug delivery of carbon monoxide. <i>Journal of Controlled Release</i> , 2016, 239, 128-136.	9.9	40
67	Diastereoselektive Komplexierung von 1,4-bergend chiral modifizierter Liganden: enantioselective Herstellung und Konfigurationszuordnung synthetisch wertvoller 1,6-Tricarbonylchrom-Komplexe. <i>Angewandte Chemie</i> , 1992, 104, 640-643.	2.0	39
68	Cobalt-Catalyzed 1,4-Hydrobutadienylation of 1-Aryl-1,3-Dienes with 2,3-Dimethyl-1,3-Butadiene. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9689-9693.	13.8	39
69	A modular toolkit to inhibit proline-rich motif-mediated protein-protein interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5011-5016.	7.1	39
70	Gram-scale synthesis of pinusolide and evaluation of its antileukemic potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4228-4232.	2.2	38
71	Total Synthesis of cyclo-Mumbaistatin Analogues through Anionic Homo-Fries Rearrangement. <i>Chemistry - A European Journal</i> , 2011, 17, 2633-2641.	3.3	38
72	Ergothioneine stands out from hercynine in the reaction with singlet oxygen: Resistance to glutathione and TRIS in the generation of specific products indicates high reactivity. <i>Free Radical Biology and Medicine</i> , 2017, 113, 385-394.	2.9	38

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73	An approach to chiral 1,4-butadiene-Fe(CO) ₃ complexes via diastereoselective complexation of nonracemic 2-alkoxy-4-vinyl-2,5-dihydrofuran derivatives. <i>Tetrahedron Letters</i> , 1994, 35, 4543-4546.	1.4	37
74	The Total Synthesis of cis-7,8-Dihydroxy-11,12-dehydrocalamenene by Regio- and Diastereo-selective Alkylation of Chiral η^6 -Arenetricarbonylchromium Complexes: An Unexpected Case of Nucleophilic Aromatic Substitution with Methoxide as a Leaving Group. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 109-111.	4.4	37
75	On the Antibiotic and Antifungal Activity of Pestalone, Pestalachloride A, and Structurally Related Compounds. <i>Journal of Natural Products</i> , 2013, 76, 1519-1522.	3.0	37
76	New Colchicine-Derived Triazoles and Their Influence on Cytotoxicity and Microtubule Morphology. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 188-191.	2.8	37
77	Totalsynthese des Pseudoguaianolids (+)-Confertin. <i>Liebigs Annalen Der Chemie</i> , 1988, 1988, 283-315.	0.8	36
78	Pd-Catalyzed Cross-Coupling of Haloarenes and Chloroarene-Cr(CO) ₃ Complexes with Stabilized Vinyl- and Allyl-aluminum Reagents. <i>Synlett</i> , 2003, 2003, 1783-1788.	1.8	36
79	A Practical Synthesis of Trans-3-Substituted Proline Derivatives through 1,4-Addition. <i>Organic Letters</i> , 2011, 13, 216-219.	4.6	36
80	Molecular Oxygen as a Redox Catalyst in Intramolecular Photocycloadditions of Coumarins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6000-6004.	13.8	36
81	Exercises in Pyrrolidine Chemistry: Gram Scale Synthesis of a Pro-Dipeptide Mimetic with a Polyproline Type II Helix Conformation. <i>Chemistry - A European Journal</i> , 2011, 17, 12037-12044.	3.3	35
82	Chiral arene-Cr(CO) ₃ complexes in organic synthesis: A short enantioselective total synthesis of putative helioporin D. <i>Tetrahedron Letters</i> , 1998, 39, 1537-1540.	1.4	34
83	Nucleophile- or Light-Induced Synthesis of 3-Substituted Phthalides from 2-Formylarylketones. <i>Organic Letters</i> , 2012, 14, 2338-2341.	4.6	33
84	On the enantioselective deprotonation/silylation of prochiral mono- and 1,2-dimethoxybenzene-Cr(CO) ₃ derivatives. <i>Tetrahedron Letters</i> , 1995, 36, 5515-5518.	1.4	32
85	Electrophilic Activation of Benzaldehydes through <i>ortho</i> -Palladation: One-Pot Synthesis of 3-Methyleneindanols through a Domino Allylstannylation/Heck Reaction under Neutral Conditions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6148-6151.	13.8	32
86	Total Synthesis of Indole-Derived Alcolchicine Analogues Exhibiting Strong Apoptosis-Inducing Activity. <i>Chemistry - A European Journal</i> , 2012, 18, 12096-12102.	3.3	32
87	Studies towards the total synthesis of mumbaistatin: synthesis of highly substituted benzophenone and anthraquinone building blocks. <i>Tetrahedron</i> , 2003, 59, 3201-3217.	1.9	31
88	Proline-Rich Sequence Recognition Domains (PRD): Ligands, Function and Inhibition. <i>Handbook of Experimental Pharmacology</i> , 2008, , 407-429.	1.8	31
89	Efficient α -Helix Induction in a Linear Peptide Chain by N-Capping with a Bridged β -Cyclic Diproline Analogue. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9539-9543.	13.8	31
90	Low-Pressure Cobalt-Catalyzed Enantioselective Hydrovinylation of Vinylarenes. <i>Chemistry - A European Journal</i> , 2016, 22, 7381-7384.	3.3	30

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91	On the deprotonation of 1,3-dimethoxybenzene-Cr(CO) ₃ derivatives: Influence of the reaction conditions on the regioselectivity. <i>Tetrahedron</i> , 1997, 53, 9219-9232.	1.9	29
92	Chiral 1,6-Arene-Cr(CO) ₃ complexes in organic synthesis: A short and highly selective synthesis of the 18-nor-seco-pseudopterosin aglycone. <i>Tetrahedron Letters</i> , 1997, 38, 4545-4548.	1.4	29
93	An Enantioselective Total Synthesis of Helioporins C and E. <i>Organic Letters</i> , 2012, 14, 5996-5999.	4.6	29
94	Diallylaluminium-N,N-dimethylaminoethanolate, the first stable allyl-alane suitable for additions to aldehydes, ketones and imines. <i>Tetrahedron Letters</i> , 2002, 43, 3507-3511.	1.4	28
95	On the oxazaborolidine-catalyzed borane reduction of 1-tetralone-Cr(CO) ₃ complexes: The control of the reagent over a strong substrate. <i>Tetrahedron</i> , 1998, 54, 3457-3464.	1.9	27
96	Regeneration of ergothioneine after reaction with singlet oxygen. <i>Free Radical Biology and Medicine</i> , 2019, 134, 498-504.	2.9	27
97	Synthesis of an analog of the cytotoxic marine diterpene helioporin C exploiting arene-Cr(CO) ₃ chemistry. <i>Tetrahedron</i> , 1999, 55, 6905-6916.	1.9	26
98	Unexpected endo Selectivity of Conjugate Nucleophilic Addition to an Arene-Cr(CO) ₃ Complex: Enantioselective Synthesis of the Diterpene 11-epi-Helioporin B. <i>Organic Letters</i> , 2001, 3, 3579-3582.	4.6	26
99	Synthetic analogues of the antibiotic pestalone. <i>Tetrahedron</i> , 2003, 59, 7345-7355.	1.9	26
100	Anti-inflammatory Arene-Chromium Complexes Acting as Specific Inhibitors of NOD2 Signalling. <i>ChemMedChem</i> , 2010, 5, 2065-2071.	3.2	25
101	Iron containing anti-tumoral agents: unexpected apoptosis-inducing activity of a ferrocene amino acid derivative. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 639-649.	2.5	25
102	Electron transfer driven reactions of transition metal π -complexes: Hydrogenation of styrene-Cr(CO) ₃ derivatives by samarium(II)iodide in the presence of water. <i>Tetrahedron Letters</i> , 1998, 39, 6683-6686.	1.4	24
103	Electron Transfer Driven Addition of Ketimine Derived Radicals to Arene-Cr(CO) ₃ Complexes. <i>Synlett</i> , 1998, 1998, 1426-1428.	1.8	24
104	Phenol-derived chiral phosphine-phosphite ligands in the rhodium-catalyzed enantioselective hydrogenation of functionalized olefins. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2671-2674.	1.8	24
105	Ligand Control of the Cobalt-Catalysed 1,4-Hydrovinylation Reaction. <i>Synthesis</i> , 2012, 44, 3534-3542.	2.3	24
106	Lipophilic prodrugs of a triazole-containing colchicine analogue in liposomes: Biological effects on human tumor cells. <i>Russian Journal of Bioorganic Chemistry</i> , 2013, 39, 543-552.	1.0	24
107	Inhibition of CPAP α -tubulin interaction prevents proliferation of centrosome amplified cancer cells. <i>EMBO Journal</i> , 2019, 38, .	7.8	24
108	An Approach to Serrulatane Diterpenes via endo-Selective Conjugate Nucleophilic Addition to Arene-Cr(CO) ₃ Complexes. <i>Organic Letters</i> , 2002, 4, 3915-3918.	4.6	23

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109	Rhodium-Catalyzed Enantioselective Intramolecular [4+2] Cycloaddition using a Chiral Phosphine-Phosphite Ligand: Importance of Microwave-Assisted Catalyst Conditioning. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3357-3362.	4.3	23
110	Cu-Catalyzed Enantioselective 1,4-Additions of Aryl-Grignard Reagents to Cyclohexenone in the Presence of TADDOL-Derived Phosphine-Phosphite Ligands. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1179-1185.	2.4	23
111	Organometallic nucleosides induce non-classical leukemic cell death that is mitochondrial-ROS dependent and facilitated by TCL1-oncogene burden. <i>Molecular Cancer</i> , 2015, 14, 114.	19.2	23
112	Synthesis and biological evaluation of novel non-racemic indole-containing allocolchicinoids. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 51-60.	5.5	23
113	Chiral 1,4-butadiene-Fe(CO) ₃ complexes for organic synthesis: Reactions of (1,4-2-alkoxy-4-vinyl-2,5-dihydrofuran)-Fe(CO) ₃ derivatives. <i>Tetrahedron Letters</i> , 1994, 35, 4547-4550.	1.4	22
114	An Efficient Organometallic Approach to New Carbocyclic Nucleoside Analogues. <i>Organic Letters</i> , 2002, 4, 565-568.	4.6	22
115	Stereospecificity of the Au(I)-catalyzed reaction of 1-alkynyl-bicyclo[4.1.0]-heptan-2-ones with nucleophiles. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1745-1751.	1.8	22
116	Enantioselective Total Synthesis and Structural Revision of Dysiherbolin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14915-14920.	13.8	22
117	Insertion von Carbenoiden in Cp-H-Bindungen von Ferrocenen: ein enantioselektiv-katalytischer Zugang zu planar-chiralen Ferrocenen. <i>Angewandte Chemie</i> , 1997, 109, 2569-2572.	2.0	21
118	Nucleoside Analogues with a 1,3-Diene-Fe(CO) ₃ Substructure: Stereoselective Synthesis, Configurational Assignment, and Apoptosis-Inducing Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 13017-13029.	3.3	21
119	Total Synthesis of (R,R,R)-Tocopherol Through Asymmetric Cu-Catalyzed 1,4-Addition. <i>Chemistry - A European Journal</i> , 2014, 20, 12051-12055.	3.3	21
120	Designed nanomolar small-molecule inhibitors of Ena/VASP EVH1 interaction impair invasion and extravasation of breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29684-29690.	7.1	21
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254	Chemieunterricht als Beitrag und Gelegenheit zur gesellschaftlichen Integration. Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik, 2016, 23, 5-5.	0.4	0
255	Design and Synthesis of Building Blocks for PPII-Helix Secondary-Structure Mimetics: A Stereoselective Entry to 4-Substituted 5-Vinylprolines. European Journal of Organic Chemistry, 2018, 6597-6597.	2.4	0
256	A Concise Synthesis of 24,25-Dihydro-6-epi-Monanchosterol A. Synlett, 0, 32, .	1.8	0
257	Enantioselektive Totalsynthese und Strukturrevision von Dysiherbolâ€¦A. Angewandte Chemie, 2021, 133, 15042-15047.	2.0	0
258	trans-1,2-Bis(3,5-dimethoxyphenyl)ethene. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2150-o2150.	0.2	0
259	An organometallic analogue of combretastatin A-4 and its apoptosis-inducing effects on lymphoma, leukemia and other tumor cells <i>in vitro</i>. RSC Medicinal Chemistry, 0, , .	3.9	0