Ilan Marek

List of Publications by Year
in descending order

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225 papers	11,528 citations	25034 57 h-index	39675 94 g-index

295 all docs	295 docs citations	295 times ranked	4949 citing authors

#	Article	IF	Citations
1	Stereoselective synthesis through remote functionalization. , 2022, 1, 37-48.		23
2	Mechanistic Insights on the Selectivity of the Tandem Heckâ€“Ring-Opening of Cyclopropyldiol Derivatives. Jacs Au, 2022, 2, 687-696.	7.9	10
3	Stereospecific Construction of Quaternary Carbon Stereocenters from Quaternary Carbon Stereocenters. Journal of the American Chemical Society, 2022, 144, 7066-7071.	13.7	16
4	Stereoinvertive Nucleophilic Substitution at Quaternary Carbon Stereocenters of Cyclopropyl Ketones and Ethers. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11
5	Preparation of Distant Quaternary Carbon Stereocenters by Double Selective Ringâ€Opening of 1,1â€Biscyclopropyl Methanol Derivatives. Angewandte Chemie - International Edition, 2022, , e202203652.	13.8	3
6	Stereoinvertive Nucleophilic Substitution at Quaternary Carbon Stereocenters of Cyclopropyl Ketones and Ethers. Angewandte Chemie, 2022, 134, .	2.0	2
7	Creating Stereocenters within Acyclic Systems by Câ€“C Bond Cleavage of Cyclopropanes. Chemical Reviews, 2021, 121, 140-161.	47.7	131
8	Stereoselective tandem iridium-catalyzed alkene isomerization-cope rearrangement of Ï‰-diene epoxides: efficient access to acyclic 1,6-dicarbonyl compounds. Chemical Science, 2021, 12, 9328-9332.	7.4	18
9	Regioâ€and Diastereoselective Copperâ€Catalyzed Carbomagnesiation for the Synthesis of Pentaâ€and Hexaâ€Substituted Cyclopropanes. Angewandte Chemie - International Edition, 2021, 60, 11804-11808.	13.8	30
10	Regioâ€and Diastereoselective Copperâ€Catalyzed Carbomagnesiation for the Synthesis of Pentaâ€and Hexaâ€Substituted Cyclopropanes. Angewandte Chemie, 2021, 133, 11910-11914.	2.0	16
11	Stereoselective Sc(OTf) 3 â€Catalyzed Aldol Reactions of Disubstituted Silyl Enol Ethers of Aldehydes with Acetals. Angewandte Chemie - International Edition, 2021, 60, 12765-12769.	13.8	10
12	Stereoselective Sc(OTf) 3 â€Catalyzed Aldol Reactions of Disubstituted Silyl Enol Ethers of Aldehydes with Acetals. Angewandte Chemie, 2021, 133, 12875-12879.	2.0	0
13	Alkene Isomerization Revitalizes the Coatesâ€“Claisen Rearrangement. Angewandte Chemie - International Edition, 2021, 60, 18509-18513.	13.8	10
14	Alkene Isomerization Revitalizes the Coatesâ€“Claisen Rearrangement. Angewandte Chemie, 2021, 133, 18657-18661.	2.0	2
15	Introduction: Carbon-Carbon Bond Cleavage in Stereoselective Synthesis. Chemical Reviews, 2021, 121, 1-2.	47.7	13
16	Directed Regioselective Carbometallation of 1,2â€Dialkylâ€Substituted Cyclopropenes. Angewandte Chemie, 2021, 133, 26572-26576.	2.0	9
17	Directed Regioselective Carbometallation of 1,2â€Dialkylâ€Substituted Cyclopropenes. Angewandte Chemie - International Edition, 2021, 60, 26368-26372.	13.8	24
18	Stereodivergent Access to Trisubstituted Alkenylboronate Esters through Alkene Isomerization. Organic Letters, 2021, 23, 9194-9198.	4.6	11

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19	Synthese enantiomerenangereicherter, vicinaler tertiÃrer und quartÃrer Kohlenstoffâ€Stereozentren innerhalb einer acyclischen Kette. Angewandte Chemie, 2020, 132, 36-49.	2.0	24
20	Synthesis of Enantioenriched Vicinal Tertiary and Quaternary Carbon Stereogenic Centers within an Acyclic Chain. Angewandte Chemie - International Edition, 2020, 59, 36-49.	13.8	93
21	Pd-Catalyzed Enantioselective Hydroalkynylation of Cyclopropenes. ACS Catalysis, 2020, 10, 1289-1293.	11.2	50
22	Frontispiece: Remote Fluorination and Fluoroalkyl(thiol)ation Reactions. Chemistry - A European Journal, 2020, 26, .	3.3	0
23	Stereospecific Reactions Leading to Allylboronic Esters Within Acyclic Systems Bearing Distant Stereocenters. Angewandte Chemie, 2020, 132, 20614-20618.	2.0	3
24	Remote Fluorination and Fluoroalkyl(thiol)ation Reactions. Chemistry - A European Journal, 2020, 26, 15378-15396.	3.3	38
25	Stereospecific nucleophilic substitution at tertiary and quaternary stereocentres. Chemical Science, 2020, 11, 9378-9385.	7.4	33
26	Stereospecific Reactions Leading to Allylboronic Esters Within Acyclic Systems Bearing Distant Stereocenters. Angewandte Chemie - International Edition, 2020, 59, 20434-20438.	13.8	8
27	Stereoselective Access to Fully Substituted Aldehydeâ€Derived Silyl Enol Ethers by Iridiumâ€Catalyzed Alkene Isomerization. Angewandte Chemie - International Edition, 2020, 59, 15549-15553.	13.8	21
28	Stereoselective Access to Fully Substituted Aldehydeâ€Derived Silyl Enol Ethers by Iridiumâ€Catalyzed Alkene Isomerization. Angewandte Chemie, 2020, 132, 15679-15683.	2.0	9
29	Ru-catalyzed isomerization of Ï‰-alkenylboronates towards stereoselective synthesis of vinylboronates with subsequent in situ functionalization. Chemical Science, 2020, 11, 5944-5949.	7.4	19
30	Stereoselective Preparation of Distant Stereocenters (1,5) within Acyclic Molecules. ACS Catalysis, 2020, 10, 7154-7161.	11.2	20
31	The Schulich Faculty of Chemistry, Technion - Israel Institute of Technology. European Journal of Organic Chemistry, 2020, 2020, 3116-3119.	2.4	0
32	Cobalt-Catalyzed Diastereoselective and Enantioselective Hydrosilylation of Achiral Cyclopropenes. Organic Letters, 2020, 22, 4914-4918.	4.6	32
33	Nucleophilic Substitution at Quaternary Carbon Stereocenters. Journal of the American Chemical Society, 2020, 142, 5543-5548.	13.7	46
34	Construction of Acyclic Vicinal Tertiary and Quaternary Carbon Stereocenters via a Pdâ€Catalyzed Allylic Alkylation of Stereodefined Polysubstituted Ketene Aminals. European Journal of Organic Chemistry, 2020, 2020, 3133-3137.	2.4	12
35	Alkene Isomerization through Allylmetals as a Strategic Tool in Stereoselective Synthesis. ACS Catalysis, 2020, 10, 5793-5804.	11.2	83
36	The protective effect of the TSPO ligands 2,4-Di-Cl-MGV-1, CB86, and CB204 against LPS-induced M1 pro-inflammatory activation of microglia. Brain, Behavior, & Immunity - Health, 2020, 5, 100083.	2.5	11

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37	Regioâ€•and Stereoselective Synthesis of Fully Substituted Silyl Enol Ethers of Ketones and Aldehydes in Acyclic Systems. Angewandte Chemie - International Edition, 2019, 58, 14995-14999.	13.8	23
38	Regio- and Diastereoselective Copper-Catalyzed Carbometalation of Cyclopropenylsilanes. Organic Letters, 2019, 21, 9162-9165.	4.6	22
39	Catalytic Enantioselective Cyclopropenation of Internal Alkynes: Access to Difluoromethylated Threeâ€Membered Carbocycles. Angewandte Chemie, 2019, 131, 18359-18364.	2.0	10
40	Catalytic Enantioselective Cyclopropenation of Internal Alkynes: Access to Difluoromethylated Threeâ€Membered Carbocycles. Angewandte Chemie - International Edition, 2019, 58, 18191-18196.	13.8	47
41	Diastereoselective ring opening of fully-substituted cyclopropanes via intramolecular Friedelâ€“Crafts alkylation. Chemical Science, 2019, 10, 9548-9554.	7.4	19
42	Regioâ€•and Stereoselective Synthesis of Fully Substituted Silyl Enol Ethers of Ketones and Aldehydes in Acyclic Systems. Angewandte Chemie, 2019, 131, 15137-15141.	2.0	5
43	Diastereo- and enantioselective preparation of cyclopropanol derivatives. Beilstein Journal of Organic Chemistry, 2019, 15, 752-760.	2.2	9
44	Highly E-Selective, Stereoconvergent Nickel-Catalyzed Suzukiâ€“Miyaura Cross-Coupling of Alkenyl Ethers. Organic Letters, 2019, 21, 2913-2917.	4.6	27
45	A Tandem Iridium-Catalyzed â€œChain-Walkingâ€/Cope Rearrangement Sequence. ACS Catalysis, 2019, 9, 2400-2406.	11.2	36
46	RÃ¼cktitelbild: Catalytic Enantioselective Cyclopropenation of Internal Alkynes: Access to Difluoromethylated Threeâ€Membered Carbocycles (Angew. Chem. 50/2019). Angewandte Chemie, 2019, 131, 18464-18464.	2.0	0
47	Versatility in the Brook Rearrangement for the Selective Ringâ€Opening of Threeâ€Membered Rings. Chemistry - A European Journal, 2019, 25, 205-209.	3.3	12
48	Pdâ€Catalyzed Selective Remote Ring Opening of Polysubstituted Cyclopropanols. Chemistry - A European Journal, 2018, 24, 8553-8557.	3.3	24
49	Rhodiumâ€Catalyzed Arylation of Cyclopropenes Based on Asymmetric Direct Functionalization of Threeâ€Membered Carbocycles. Angewandte Chemie, 2018, 130, 3744-3748.	2.0	22
50	Rhodiumâ€Catalyzed Arylation of Cyclopropenes Based on Asymmetric Direct Functionalization of Threeâ€Membered Carbocycles. Angewandte Chemie - International Edition, 2018, 57, 3682-3686.	13.8	69
51	Rosarium Philosophorum on Organic Synthesis. Israel Journal of Chemistry, 2018, 58, 122-126.	2.3	2
52	Electrophilic fluorination of stereodefined disubstituted silyl ketene hemiaminals en route to tertiary Î±-fluorinated carbonyl derivatives. Organic and Biomolecular Chemistry, 2018, 16, 1079-1082.	2.8	5
53	Walking Metals for Remote Functionalization. ACS Central Science, 2018, 4, 153-165.	11.3	398
54	Alkeneâ€Zipper Catalyzed Selective and Remote Retroâ€ene Reaction of Alkenyl Cyclopropylcarbinol. Advanced Synthesis and Catalysis, 2018, 360, 1389-1396.	4.3	16

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55	Asymmetric Catalytic Preparation of Polysubstituted Cyclopropanol and Cyclopropylamine Derivatives. Angewandte Chemie - International Edition, 2018, 57, 1543-1546.	13.8	74
56	Asymmetric Catalytic Preparation of Polysubstituted Cyclopropanol and Cyclopropylamine Derivatives. Angewandte Chemie, 2018, 130, 1559-1562.	2.0	34
57	Zirconocene-Mediated Selective Câ€“C Bond Cleavage of Strained Carbocycles: Scope and Mechanism. Journal of Organic Chemistry, 2018, 83, 3497-3515.	3.2	27
58	Metalâ€Catalyzed Remote Functionalization of Ï‰â€Ene Unsaturated Ethers: Towards Functionalized Vinyl Species. Angewandte Chemie, 2018, 130, 8144-8148.	2.0	6
59	Total Synthesis of C30 Botryococcene and epiâ€Botryococcene by a Diastereoselective Ring Opening of Alkenylcyclopropanes. Angewandte Chemie, 2018, 130, 13421-13425.	2.0	8
60	Convergent and flexible approach to stereodefined polyhydroxylated fragments. Tetrahedron, 2018, 74, 6761-6768.	1.9	1
61	Asymmetric Preparation of Polysubstituted Cyclopropanes Based on Direct Functionalization of Achiral Three-Membered Carbocycles. Chemical Reviews, 2018, 118, 8415-8434.	47.7	163
62	Diastereo- and enantioselective copper catalyzed hydroallylation of disubstituted cyclopropenes. Chemical Science, 2018, 9, 6503-6508.	7.4	47
63	Metalâ€Catalyzed Remote Functionalization of Ï‰â€Ene Unsaturated Ethers: Towards Functionalized Vinyl Species. Angewandte Chemie - International Edition, 2018, 57, 8012-8016.	13.8	39
64	Efficient and stereodivergent synthesis of unsaturated acyclic fragments bearing contiguous stereogenic elements. Nature Chemistry, 2018, 10, 1164-1170.	13.6	88
65	Total Synthesis of C30 Botryococcene and epiâ€Botryococcene by a Diastereoselective Ring Opening of Alkenylcyclopropanes. Angewandte Chemie - International Edition, 2018, 57, 13237-13241.	13.8	18
66	Electrophilic Oxidation of Stereodefined Polysubstituted Silyl Ketone Aminals. European Journal of Organic Chemistry, 2018, 2018, 614-618.	2.4	6
67	Merging Câ€“H and Câ€“C bond cleavage in organic synthesis. Nature Reviews Chemistry, 2017, 1, .	30.2	145
68	Asymmetric Copperâ€Catalyzed Carbomagnesiation of Cyclopropenes. Angewandte Chemie - International Edition, 2017, 56, 6783-6787.	13.8	106
69	Palladium-catalyzed oxidative cyclization of aniline-tethered alkylidenecyclopropanes with O₂: a facile protocol to selectively synthesize 2- and 3-vinylindoles. Chemical Communications, 2017, 53, 216-219.	4.1	30
70	Enantioselective Construction of Acyclic Quaternary Carbon Stereocenters: Palladium-Catalyzed Decarboxylative Allylic Alkylation of Fully Substituted Amide Enolates. Journal of the American Chemical Society, 2017, 139, 9615-9620.	13.7	87
71	Brook Rearrangement as Trigger for Carbene Generation: Synthesis of Stereodefined and Fully Substituted Cyclobutenes. Journal of the American Chemical Society, 2017, 139, 8364-8370.	13.7	53
72	A unique Pd-catalysed Heck arylation as a remote trigger for cyclopropane selective ring-opening. Nature Communications, 2017, 8, 14200.	12.8	125

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73	Merging allylic Câ€“H bond activation and Câ€“C bond cleavage en route to the formation of a quaternary carbon stereocenter in acyclic systems. Nature Protocols, 2017, 12, 74-87.	12.0	16
74	Tandem Hydroalumination/Cu-Catalyzed Asymmetric Vinyl Metalation as a New Access to Enantioenriched Vinylcyclopropane Derivatives. Organic Letters, 2017, 19, 3970-3973.	4.6	52
75	2-Cl-MGV-1 Ameliorates Apoptosis in the Thalamus and Hippocampus and Cognitive Deficits After Cortical Infarct in Rats. Stroke, 2017, 48, 3366-3374.	2.0	35
76	Zirconocene catalyzed diastereoselective carbometalation of cyclobutenes. Chemical Science, 2017, 8, 334-339.	7.4	10
77	Enantioselective allylic alkylation of stereodefined polysubstituted copper enolates as an entry to acyclic quaternary carbon stereocentres. Chemical Science, 2017, 8, 627-630.	7.4	25
78	Classical and Novel TSPO Ligands for the Mitochondrial TSPO Can Modulate Nuclear Gene Expression: Implications for Mitochondrial Retrograde Signaling. International Journal of Molecular Sciences, 2017, 18, 786.	4.1	46
79	Asymmetric Copperâ€Catalyzed Carbomagnesiation of Cyclopropenes. Angewandte Chemie, 2017, 129, 6887-6891.	2.0	60
80	Preparation and Reactivity of Acyclic Chiral Allylzinc Species by a Zincâ€Brook Rearrangement. Angewandte Chemie - International Edition, 2016, 55, 6057-6061.	13.8	24
81	Stereoselective Formation of Fully Substituted Ketone Enolates. Angewandte Chemie, 2016, 128, 5607-5610.	2.0	12
82	Preparation and Reactivity of Acyclic Chiral Allylzinc Species by a Zincâ€Brook Rearrangement. Angewandte Chemie, 2016, 128, 6161-6165.	2.0	11
83	Zirconocene-assisted remote cleavage of Câ€“C and Câ€“O bonds: application to acyclic stereodefined metalated hydrocarbons. Organic and Biomolecular Chemistry, 2016, 14, 10325-10330.	2.8	20
84	Brook Rearrangement as a Trigger for the Ring Opening of Strained Carbocycles. Angewandte Chemie - International Edition, 2016, 55, 714-718.	13.8	46
85	Stereoselective Formation of Fully Substituted Ketone Enolates. Angewandte Chemie - International Edition, 2016, 55, 5517-5520.	13.8	23
86	Diastereodivergent combined carbometalation/zinc homologation/Câ€“C fragmentation reaction as an efficient tool to prepare acyclic allylic quaternary carbon stereocenters. Chemical Science, 2016, 7, 5989-5994.	7.4	39
87	Formation of Carbon Quaternary Stereogenic Center in Acyclic Systems via a Sequence of Carbometalationâ€“Intramolecular Cyclizationâ€“Silicon Activation. Synthesis, 2016, 48, 3279-3286.	2.3	8
88	Copper mediated carbometalation reactions. Chemical Society Reviews, 2016, 45, 4552-4566.	38.1	137
89	Remote functionalization through alkene isomerization. Nature Chemistry, 2016, 8, 209-219.	13.6	478
90	The Scientific Bridge: Fifty Years of Germanyâ€“Israel Diplomatic Relations. Angewandte Chemie - International Edition, 2015, 54, 12182-12183.	13.8	2

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91	Quinazoline-based tricyclic compounds that regulate programmed cell death, induce neuronal differentiation, and are curative in animal models for excitotoxicity and hereditary brain disease. Cell Death Discovery, 2015, 1, 15027.	4.7	26
92	Forming Stereogenic Centers in Acyclic Systems from Alkynes. Angewandte Chemie - International Edition, 2015, 54, 9996-9999.	13.8	23
93	Stereodefined Acyclic Polysubstituted Silyl Ketene Aminals: Asymmetric Formation of Aldol Products with Quaternary Carbon Stereocenters. Angewandte Chemie - International Edition, 2015, 54, 14393-14397.	13.8	32
94	Synthesis and Stereochemical Assignment of Cryptoâ€Optically Active ²H₆â€Neopentane. Angewandte Chemie - International Edition, 2015, 54, 13106-13109.	13.8	39
95	Cyclopropene Derivatives as Precursors to Enantioenriched Cyclopropanols and nâ€Butenals Possessing Quaternary Carbon Stereocenters. Angewandte Chemie, 2015, 127, 12522-12525.	2.0	24
96	Stereocontrolled Formation of Several Carbonâ€“Carbon Bonds in Acyclic Systems. Chemical Reviews, 2015, 115, 9175-9206.	47.7	119
97	Cyclopropene Derivatives as Precursors to Enantioenriched Cyclopropanols and nâ€Butenals Possessing Quaternary Carbon Stereocenters. Angewandte Chemie - International Edition, 2015, 54, 12345-12348.	13.8	55
98	Goldâ€•and Silverâ€Catalyzed Intramolecular Cyclizations of Indolylcyclopropenes for the Divergent Synthesis of Azepinoindoles and Spiroindoline Piperidines. ChemCatChem, 2015, 7, 595-600.	3.7	34
99	Electrophilic Amination: The Case of Nitrenoids. Chemistry - A European Journal, 2015, 21, 5278-5300.	3.3	68
100	Remote functionalization of hydrocarbons with reversibility enhanced stereocontrol. Chemical Science, 2015, 6, 2770-2776.	7.4	65
101	Gold(<scp>i</scp>)-catalyzed cycloisomerization of vinylidenecyclopropane-enes via carbene or non-carbene processes. Chemical Science, 2015, 6, 5519-5525.	7.4	36
102	Asymmetric Copper-Catalyzed Carbozincation of Cyclopropenes en Route to the Formation of Diastereo- and Enantiomerically Enriched Polysubstituted Cyclopropanes. Journal of the American Chemical Society, 2015, 137, 15414-15417.	13.7	107
103	Selective Carbonâ€“Carbon Bond Cleavage for the Stereoselective Synthesis of Acyclic Systems. Angewandte Chemie - International Edition, 2015, 54, 414-429.	13.8	291
104	Modulable and Highly Diastereoselective Carbometalations of Cyclopropenes. Chemistry - A European Journal, 2014, 20, 912-912.	3.3	0
105	Die Chemie in Israel - am Scheideweg?. Angewandte Chemie, 2014, 126, 3828-3829.	2.0	2
106	Formation of Three New Bonds and Two Stereocenters in Acyclic Systems by Zinc-Mediated Enantioselective Alkynylation of Acylsilanes, Brook Rearrangement, and Ene-Allene Carbocyclization Reactions. Journal of Organic Chemistry, 2014, 79, 12122-12135.	3.2	34
107	Modulable and Highly Diastereoselective Carbometalations of Cyclopropenes. Chemistry - A European Journal, 2014, 20, 1038-1048.	3.3	67
108	Merging allylic carbonâ€“hydrogen and selective carbonâ€“carbon bond activation. Nature, 2014, 505, 199-203.	27.8	207

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109	Isoxazoleâ€Embedded Allylic Zinc Reagent for the Diastereoselective Preparation of Highly Functionalized Aldolâ€Type Derivatives Bearing a Stereocontrolled Quaternary Center. Chemistry - A European Journal, 2014, 20, 14096-14101.	3.3	5
110	Stereodefined acyclic trisubstituted metal enolates towards the asymmetric formation of quaternary carbon stereocentres. Chemical Communications, 2014, 50, 12597-12611.	4.1	95
111	Oxenoids in organic synthesis. Organic and Biomolecular Chemistry, 2014, 12, 1535-1546.	2.8	38
112	All-Carbon Quaternary Stereogenic Centers in Acyclic Systems through the Creation of Several Câ€“C Bonds per Chemical Step. Journal of the American Chemical Society, 2014, 136, 2682-2694.	13.7	279
113	Chemistry in Israel-at a Crossroads?. Angewandte Chemie - International Edition, 2014, 53, 3754-3755.	13.8	4
114	Carboxylate Assistance for Catalyzed Hydroarylations of Methylenecyclopropanes. Organic Letters, 2013, 15, 4482-4484.	4.6	55
115	Oneâ€Pot Zincâ€Promoted Asymmetric Alkynylation/Brookâ€Type Rearrangement/Eneâ€“Allene Cyclization: Highly Selective Formation of Three New Bonds and Two Stereocenters in Acyclic Systems. Angewandte Chemie - International Edition, 2013, 52, 13717-13721.	13.8	74
116	New Advances in Bis(Sulfoxides) Chemistry. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 367-376.	1.6	2
117	Stereodefined trisubstituted enolates as a unique entry to all-carbon quaternary stereogenic centers in acyclic systems. Nature Protocols, 2013, 8, 749-754.	12.0	45
118	The Renaissance of Zinc Carbenoid in Stereoselective Synthesis in Acyclic Systems. Organometallics, 2013, 32, 942-950.	2.3	64
119	Diastereodivergent Carbometalation/Oxidation/Selective Ring Opening: Formation of Allâ€Carbon Quaternary Stereogenic Centers in Acyclic Systems. Angewandte Chemie - International Edition, 2013, 52, 5333-5337.	13.8	79
120	Axial Preferences in Allylation Reactions via the Zimmermanâ€“Traxler Transition State. Accounts of Chemical Research, 2013, 46, 1659-1669.	15.6	60
121	Regio- and stereoselective carbometallation reactions of N-alkynylamides and sulfonamides. Beilstein Journal of Organic Chemistry, 2013, 9, 526-532.	2.2	49
122	Carbometallation chemistry. Beilstein Journal of Organic Chemistry, 2013, 9, 234-235.	2.2	1
123	Convergent diastereoselective preparation of adjacent quaternary stereocenters in an acyclic system. Organic and Biomolecular Chemistry, 2012, 10, 5803.	2.8	21
124	Forming all-carbon quaternary stereogenic centres in acyclic systems from alkynes. Nature, 2012, 490, 522-526.	27.8	180
125	Regioselective Carbonâ€“Carbon Bond Cleavage in the Oxidation of Cyclopropenylcarbinols. Organic Letters, 2011, 13, 4076-4079.	4.6	15
126	Combined Carbometalationâ€“Zinc Homologationâ€“Allylation Reactions as a New Approach for Alkoxyallylation of Aldehydes. Organic Letters, 2011, 13, 3604-3607.	4.6	38

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127	Enantioselective synthesis of all-carbon quaternary stereogenic centers in acyclic systems. Chemical Communications, 2011, 47, 4593.	4.1	616
128	Conjugate Additions to Alkylidene Bis(Sulfoxides). Chemistry - an Asian Journal, 2011, 6, 1825-1833.	3.3	5
129	Axial Preferences in Allylations via the Zimmermanâ€“Traxler Transition State. Chemistry - A European Journal, 2011, 17, 8000-8004.	3.3	33
130	Metalâ€Catalyzed Ringâ€Opening of Alkylidenecyclopropanes: New Access to Building Blocks with an Acyclic Quaternary Stereogenic Center. Chemistry - A European Journal, 2010, 16, 774-778.	3.3	74
131	Selectivity in Metalâ€Catalyzed Carbonï£¿Carbon Bond Cleavage of Alkylidenecyclopropanes. Chemistry - A European Journal, 2010, 16, 9712-9721.	3.3	198
132	Diastero- and enantioselective intramolecular carbometalation reaction. Tetrahedron, 2010, 66, 4874-4881.	1.9	15
133	Recent advances in carbocupration of Î±-heterosubstituted alkynes. Beilstein Journal of Organic Chemistry, 2010, 6, .	2.2	61
134	Hydroformylation Reaction of Alkylidenecyclopropane Derivatives: A New Pathway for the Formation of Acyclic Aldehydes Containing Quaternary Stereogenic Carbons. Journal of the American Chemical Society, 2010, 132, 4066-4067.	13.7	82
135	Highly Diastereoselective Preparation of Homoallylic Alcohols Containing Two Contiguous Quaternary Stereocenters in Acyclic Systems from Simple Terminal Alkynes. Journal of the American Chemical Society, 2010, 132, 5588-5589.	13.7	75
136	Stereoselective Synthesis of Metalated Cyclobutyl Derivatives. Advanced Synthesis and Catalysis, 2009, 351, 1005-1008.	4.3	13
137	Cyclopropenylcarbinol Derivatives as New Versatile Intermediates in Organic Synthesis: Application to the Formation of Enantiomerically Pure Alkylidenecyclopropane Derivatives. Chemistry - A European Journal, 2009, 15, 8449-8464.	3.3	67
138	Tandem Znâ€Brook Rearrangement/Eneâ€Allene Carbocyclization. European Journal of Organic Chemistry, 2009, 2009, 1749-1756.	2.4	17
139	A unique approach to aldol products for the creation of all-carbon quaternary stereocentres. Nature Chemistry, 2009, 1, 128-132.	13.6	175
140	Enantio- and Diastereoselective Tandem Zn-Promoted Brook Rearrangement/Eneâ€™Allene Carbocyclization Reaction. Organic Letters, 2009, 11, 1853-1856.	4.6	57
141	The Basics of Zinc Activation. Science, 2009, 326, 673-674.	12.6	0
142	Copper-catalyzed hydride transfer from LiAlH4 for the formation of alkylidenecyclopropane derivatives. Chemical Communications, 2009, , 292-294.	4.1	23
143	Metal-catalyzed rearrangement of enantiomerically pure alkylidenecyclopropane derivatives as a new access to cyclobutenes possessing quaternary stereocenters. Chemical Communications, 2009, , 5760.	4.1	57
144	A Shift in Retrosynthetic Paradigm. Chemistry - A European Journal, 2008, 14, 7460-7468.	3.3	48

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145	Zinc Homologationâ€“Elimination Reaction of Î±â€Sulfinyl Carbanions as a New Route to Olefins. European Journal of Organic Chemistry, 2008, 2008, 4924-4931.	2.4	31
146	Convergent Preparation of Enantiomerically Pure Polyalkylated Cyclopropane Derivatives. Angewandte Chemie - International Edition, 2008, 47, 6865-6868.	13.8	33
147	Enantiomerically Enriched Cyclopropene Derivatives: Versatile Building Blocks in Asymmetric Synthesis. Angewandte Chemie - International Edition, 2008, 47, 1982-1982.	13.8	6
148	Cyclopropenyllithiums as a new source of 1,1-bismetalated cyclopropyl derivatives. Chemical Communications, 2008, , 4300.	4.1	14
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