Carsten Bolm

List of Publications by Year
in descending order

641 papers	46,715 citations	1612 105 h-index	3911 177 g-index
928 all docs	928 docs citations	928 times ranked	21330 citing authors

#	Article	IF	Citations
1	Selective Approaches to Î±â€•and Î²â€Arylated Vinyl Ethers. Angewandte Chemie - International Edition, 2022, 61, .	7.2	10
2	Mechanochemical Palladium-Catalyzed Oxidative Esterification of Alcohols. ACS Sustainable Chemistry and Engineering, 2022, 10, 1361-1366.	3.2	10
3	Auger Emitter Conjugated PARP Inhibitor for Therapy in Triple Negative Breast Cancers: A Comparative In-Vitro Study. Cancers, 2022, 14, 230.	1.7	13
4	Visible Light-Promoted Synthesis of Î²-Keto Sulfoximines from N-Tosyl-Protected Sulfoximidoyl Chlorides. Journal of Organic Chemistry, 2022, 87, 3817-3824.	1.7	7
5	Visible-Light-Mediated Î±-Ketoacylations of NH-Sulfoximines with gem-Difluoroalkenes. Organic Letters, 2022, 24, 907-911.	2.4	14
6	Mechanochemical Grignard Reactions with Gaseous CO₂ and Sodium Methyl Carbonate**. Angewandte Chemie, 2022, 134, .	1.6	7
7	Mechanochemical Grignard Reactions with Gaseous CO₂ and Sodium Methyl Carbonate**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	45
8	The Mechanochemical Synthesis and Activation of Carbonâ€RichÏ€â€Conjugated Materials. Advanced Science, 2022, 9, e2105497.	5.6	28
9	Mechanistic Insights on the Mechanosynthesis of Phenytoin, a WHO Essential Medicine**. Chemistry - A European Journal, 2022, 28, .	1.7	20
10	Stainless steel-initiated chloro sulfoximidations of allenes under solvent-free conditions in a ball mill. Green Chemistry, 2022, 24, 3125-3129.	4.6	13
11	New Kids on the Block: Bile Salt Conjugates of Microbial Origin. Metabolites, 2022, 12, 176.	1.3	7
12	Mechanochemical Solvent-Free N-Sulfenylations of Sulfoximines and Sulfonimidamides. ACS Sustainable Chemistry and Engineering, 2022, 10, 2863-2867.	3.2	18
13	Introduction of Lipophilic Side Chains to NH-Sulfoximines by Palladium Catalysis Under Blue Light Irradiation. Organic Letters, 2022, 24, 2238-2241.	2.4	23
14	Ironâ€Catalyzed Intramolecular Arene C(sp²)â^'H Amidations under Mechanochemical Conditions. Angewandte Chemie, 2022, 134, .	1.6	4
15	Ironâ€Catalyzed Intramolecular Arene C(sp²)â^'H Amidations under Mechanochemical Conditions. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
16	Sulfondiimines: synthesis, derivatisation and application. Chemical Society Reviews, 2022, 51, 4890-4901.	18.7	20
17	Sulfonimidamides by Sequential Mechanochemical Chlorinations and Aminations of Sulfinamides. Organic Letters, 2022, 24, 4109-4113.	2.4	12
18	NHâ€sulfoximine: A novel pharmacological inhibitor of the mitochondrial F₁F_oâ€ATPase, which suppresses viability of cancerous cells. British Journal of Pharmacology, 2021, 178, 298-311.	2.7	6

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19	Sulfoximines with Î±â€Ketoester Functionalities at Nitrogen from Cyanoacetates and Air. Advanced Synthesis and Catalysis, 2021, 363, 747-750.	2.1	9
20	Visible light-promoted NH-halogenation of sulfoximines with dichloromethane or dibromomethane. Organic Chemistry Frontiers, 2021, 8, 2919-2923.	2.3	9
21	1,2â€Benzothiazine Derivatives from Sulfonimidamides by Metalâ€Catalyzed Annulation Reactions in Solution and under Solventâ€Free Mechanochemical Conditions. Advanced Synthesis and Catalysis, 2021, 363, 1322-1329.	2.1	18
22	Palladiumâ€Catalyzed Carbonylation in the Synthesis of Nâ€Ynonylsulfoximines. Advanced Synthesis and Catalysis, 2021, 363, 1330-1334.	2.1	13
23	Selected applications of Meldrum's acid â€“ a tutorial. Organic and Biomolecular Chemistry, 2021, 19, 5014-5027.	1.5	19
24	Investigation of isomerization of dexibuprofen in a ball mill using chiral capillary electrophoresis. Electrophoresis, 2021, 42, 1790-1799.	1.3	4
25	Visible light-induced Câ€“C bond cleavage in a multicomponent reaction cascade allowing acylations of sulfoximines with ketones. Organic and Biomolecular Chemistry, 2021, 19, 8096-8101.	1.5	10
26	2,3-Dihydro-1,2,6-thiadiazine 1-Oxides by Biginelli-Type Reactions with Sulfonimidamides under Mechanochemical Conditions. Organic Letters, 2021, 23, 2699-2703.	2.4	23
27	Regioâ€and Stereoselective Chloro Sulfoximidations of Terminal Aryl Alkynes Enabled by Copper Catalysis and Visible Light. Advanced Synthesis and Catalysis, 2021, 363, 2552-2556.	2.1	12
28	2-Sulfoximidoyl Acetic Acids from Multicomponent Petasis Reactions and Their Use as Building Blocks in Syntheses of Sulfoximine Benzodiazepine Analogues. Organic Letters, 2021, 23, 3415-3420.	2.4	18
29	Evaluation of 3â€and 4â€Phenoxybenzamides as Selective Inhibitors of the Monoâ€ADPâ€Ribosyltransferase PARP10. ChemistryOpen, 2021, 10, 939-948.	0.9	4
30	Photochemistry of Nâ€Phenyl Dibenzothiophene Sulfoximine^{â€}. Photochemistry and Photobiology, 2021, 97, 1322-1334.	1.3	11
31	Photocatalytic Synthesis of Difluoroacetoxy-containing Sulfoximines. Organic Letters, 2021, 23, 6891-6894.	2.4	19
32	Mechanochemical Syntheses of N-Containing Heterocycles with TosMIC. Journal of Organic Chemistry, 2021, 86, 14213-14222.	1.7	17
33	Three-Dimensional Heterocycles by 5-exo-dig Cyclizations of S-Methyl-N-ynonylsulfoximines. Organic Letters, 2021, 23, 8287-8290.	2.4	8
34	Enabling Techniques for Organic Synthesis. Journal of Organic Chemistry, 2021, 86, 14242-14244.	1.7	6
35	Synthesis of trifluoromethyl-substituted 1,2,6-thiadiazine 1-oxides from sulfonimidamides under mechanochemical conditions. Organic and Biomolecular Chemistry, 2021, 19, 9470-9475.	1.5	8
36	Ball milling â€“ a new concept for predicting degradation profiles in active pharmaceutical ingredients. Chemical Communications, 2021, 57, 11956-11959.	2.2	7

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37	Mechanochemical Palladiumâ€Catalyzed Carbonylative Reactions Using Mo(CO)₆. Chemistry - A European Journal, 2020, 26, 2576-2580.	1.7	25
38	The mono-ADP-ribosyltransferase ARTD10 regulates the voltage-gated K+ channel Kv1.1 through protein kinase C delta. BMC Biology, 2020, 18, 143.	1.7	4
39	Mechanochemical Synthesis of 1,2,6-Thiadiazine 1-Oxides from Sulfonimidamides and the Fluorescence Properties of the Products. Journal of Organic Chemistry, 2020, 85, 15760-15766.	1.7	19
40	Synthesis of Benzothiadiazine-1-oxides by Rhodium-Catalyzed Câˆ’H Amidation/Cyclization. Organic Letters, 2020, 22, 8842-8845.	2.4	28
41	5-Carbonyl-1,3-oxazine-2,4-diones from N-Cyanosulfoximines and Meldrumâ€™s Acid Derivatives. Organic Letters, 2020, 22, 6667-6670.	2.4	2
42	Use of Hypervalent Iodine Reagents in Visible Light-Promoted Î±-Ketoacylations of Sulfoximines with Aryl Alkynes. Organic Letters, 2020, 22, 8937-8940.	2.4	27
43	N-(2,3,5,6-Tetrafluoropyridyl)sulfoximines: synthesis, X-ray crystallography, and halogen bonding. Organic Chemistry Frontiers, 2020, 7, 3896-3906.	2.3	10
44	The Sulfilimine Analogue of Allicin, S-Allyl-S-(S-allyl)-N-Cyanosulfilimine, Is Antimicrobial and Reacts with Glutathione. Antioxidants, 2020, 9, 1086.	2.2	9
45	Novel Broccoli Sulforaphane-Based Analogues Inhibit the Progression of Pancreatic Cancer without Side Effects. Biomolecules, 2020, 10, 769.	1.8	9
46	Photocatalytic Fluoro Sulfoximidations of Styrenes. Angewandte Chemie, 2020, 132, 14238-14241.	1.6	10
47	Photocatalytic Fluoro Sulfoximidations of Styrenes. Angewandte Chemie - International Edition, 2020, 59, 14134-14137.	7.2	57
48	Syntheses of Trifluoroethylated N-Heterocycles from Vinyl Azides and Togniâ€™s Reagent Involving 1,n-Hydrogen-Atom Transfer Reactions. Organic Letters, 2020, 22, 4766-4770.	2.4	14
49	Electroâ€Mechanochemical Atom Transfer Radical Cyclizations using Piezoelectric BaTiO₃. Angewandte Chemie - International Edition, 2020, 59, 16357-16360.	7.2	77
50	Electroâ€Mechanochemical Atom Transfer Radical Cyclizations using Piezoelectric BaTiO₃. Angewandte Chemie, 2020, 132, 16499-16502.	1.6	22
51	Direct Visualization of a Mechanochemically Induced Molecular Rearrangement. Angewandte Chemie - International Edition, 2020, 59, 13458-13462.	7.2	41
52	[3+2]â€Cycloadditions of Nâ€Cyano Sulfoximines with 1,3â€Dipoles. European Journal of Organic Chemistry, 2020, 2020, 2761-2765.	1.2	12
53	Direct Visualization of a Mechanochemically Induced Molecular Rearrangement. Angewandte Chemie, 2020, 132, 13560-13564.	1.6	12
54	1,2,6-Thiadiazine 1-Oxides: Unsaturated Three-Dimensional S,N-Heterocycles from Sulfonimidamides. Organic Letters, 2020, 22, 2702-2706.	2.4	10

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55	The Use of Copper and Vanadium Mineral Ores in Catalyzed Mechanochemical Carbonâ€“Carbon Bond Formations. ACS Sustainable Chemistry and Engineering, 2020, 8, 7262-7266.	3.2	27
56	Chiral Analogues of PFI-1 as BET Inhibitors and Their Functional Role in Myeloid Malignancies. ACS Medicinal Chemistry Letters, 2020, 11, 1928-1934.	1.3	25
57	BNâ€and BOâ€Doped Inorganicâ€“Organic Hybrid Polymers with Sulfoximine Core Units. Chemistry - A European Journal, 2019, 25, 12708-12711.	1.7	25
58	Mechanosynthesis of Oddâ€Numbered Tetraaryl[n]cumulenes. Angewandte Chemie - International Edition, 2019, 58, 12945-12949.	7.2	41
59	Mechanosynthesis of Oddâ€Numbered Tetraaryl[n]cumulenes. Angewandte Chemie, 2019, 131, 13079-13083.	1.6	18
60	Additions to Nâ€Sulfinylamines as an Approach for the Metalâ€free Synthesis of Sulfonimidamides: Oâ€Benzotriazolyl Sulfonimidates as Activated Intermediates. Angewandte Chemie - International Edition, 2019, 58, 19014-19020.	7.2	50
61	Additions to Nâ€Sulfinylamines as an Approach for the Metalâ€free Synthesis of Sulfonimidamides: Oâ€Benzotriazolyl Sulfonimidates as Activated Intermediates. Angewandte Chemie, 2019, 131, 19190-19196.	1.6	12
62	Conversion and degradation pathways of sulfoximines. Chemical Society Reviews, 2019, 48, 5408-5423.	18.7	87
63	Mechanochemie gasfÃ¶rmiger Reaktanten. Angewandte Chemie, 2019, 131, 3320-3335.	1.6	57
64	From One-Pot NH-Sulfoximidations of Thiophene Derivatives to Dithienylethene-Type Photoswitches. Organic Letters, 2019, 21, 4293-4297.	2.4	22
65	Mechanochemical Copperâ€Catalyzed Asymmetric Michaelâ€Type Friedelâ€“Crafts Alkylation of Indoles with Arylidene Malonates. Chemistry - A European Journal, 2019, 25, 9202-9205.	1.7	26
66	Organocatalytic Synthesis of Sulfoximidoyl-Containing Carbamates from Sulfoximines and Moritaâ€“Baylisâ€“Hillman Carbonates. Organic Letters, 2019, 21, 3119-3122.	2.4	10
67	3D Heterocycles from Sulfonimidamides by Sequential Câ€“H Bond Alkenylation/Azaâ€Michael Cyclization. Chemistry - A European Journal, 2019, 25, 5889-5892.	1.7	18
68	Synthesis of acylglycerol derivatives by mechanochemistry. Beilstein Journal of Organic Chemistry, 2019, 15, 811-817.	1.3	20
69	Regioselective Syntheses of 1,2â€Benzothiazine 1â€Imines by Rhodiumâ€Catalyzed Annulation Reactions of Sulfondiimines. Advanced Synthesis and Catalysis, 2019, 361, 2000-2003.	2.1	20
70	Electrophilic Sulfoximidations of Thiols by Hypervalent Iodine Reagents. Synthesis, 2019, 51, 271-275.	1.2	8
71	Mechanochemistry of Gaseous Reactants. Angewandte Chemie - International Edition, 2019, 58, 3285-3299.	7.2	232
72	Mechanochemical Cobaltâ€Catalyzed Câ€“H Bond Functionalizations by Ball Milling. Advanced Synthesis and Catalysis, 2018, 360, 1800-1804.	2.1	74

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73	Sulfoximidations of Benzylic Câ”H bonds by Photocatalysis. Angewandte Chemie - International Edition, 2018, 57, 5863-5866.	7.2	66
74	Synthesis of 3â€Iodobenzofurans by Electrophilic Cyclization under Solventless Conditions in a Ball Mill. European Journal of Organic Chemistry, 2018, 2018, 2458-2461.	1.2	11
75	Sulfoximidations of Benzylic Câ”H bonds by Photocatalysis. Angewandte Chemie, 2018, 130, 5965-5968.	1.6	51
76	Mechanochemical Oxidation and Cleavage of Lignin Î²-O-4 Model Compounds and Lignin. ACS Sustainable Chemistry and Engineering, 2018, 6, 3242-3254.	3.2	78
77	From Synthesis of Amino Acids and Peptides to Enzymatic Catalysis: A Bottomâ€Up Approach in Mechanochemistry. ChemSusChem, 2018, 11, 1410-1420.	3.6	108
78	Nâ€Arylated Sulfoximines as Crossâ€Coupling Building Blocks. Advanced Synthesis and Catalysis, 2018, 360, 1088-1093.	2.1	13
79	Mechanochemical Activation of Iron Cyano Complexes: A Prebiotic Impact Scenario for the Synthesis of Î±â€Amino Acid Derivatives. Angewandte Chemie, 2018, 130, 2447-2450.	1.6	35
80	Mechanochemical Activation of Iron Cyano Complexes: A Prebiotic Impact Scenario for the Synthesis of Î±â€Amino Acid Derivatives. Angewandte Chemie - International Edition, 2018, 57, 2423-2426.	7.2	64
81	Papain-catalysed mechanochemical synthesis of oligopeptides by milling and twin-screw extrusion: application in the JuliÃ¡â€“Colonna enantioselective epoxidation. Green Chemistry, 2018, 20, 1262-1269.	4.6	94
82	Sulforaphane Modifies Histone H3, Unpacks Chromatin, and Primes Defense. Plant Physiology, 2018, 176, 2395-2405.	2.3	42
83	Nondirected Copper-Catalyzed Sulfoxidations of Benzylic Câ€“H Bonds. Organic Letters, 2018, 20, 2076-2079.	2.4	33
84	Mechanistic studies of base-catalysed lignin depolymerisation in dimethyl carbonate. Green Chemistry, 2018, 20, 170-182.	4.6	75
85	Tetrahydrobenzo[c]thieno[2,1-e]isothiazole 4-Oxides: Three-Dimensional Heterocycles as Cross-Coupling Building Blocks. Organic Letters, 2018, 20, 116-118.	2.4	28
86	Iron(II)â€Catalyzed Direct Synthesis of NH Sulfoximines from Sulfoxides. Angewandte Chemie, 2018, 130, 330-333.	1.6	27
87	Iron(II)â€Catalyzed Direct Synthesis of NH Sulfoximines from Sulfoxides. Angewandte Chemie - International Edition, 2018, 57, 324-327.	7.2	69
88	Organocatalytic Asymmetric Allylic Alkylations of Sulfoximines. Organic Letters, 2018, 20, 7367-7370.	2.4	26
89	Copperâ€Catalyzed Transsulfinamidation of Sulfinamides as a Key Step in the Preparation of Sulfonamides and Sulfonimidamides. Angewandte Chemie - International Edition, 2018, 57, 15602-15605.	7.2	42
90	From beech wood to itaconic acid: case study on biorefinery process integration. Biotechnology for Biofuels, 2018, 11, 279.	6.2	52

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91	Copperâ€Catalyzed Transsulfinamidation of Sulfinamides as a Key Step in the Preparation of Sulfonamides and Sulfonimidamides. Angewandte Chemie, 2018, 130, 15828-15831.	1.6	13
92	Transition-Metal-Free Arylations of In-Situ Generated Sulfenates with Diaryliodonium Salts. Organic Letters, 2018, 20, 7104-7106.	2.4	41
93	Photocatalytic difunctionalisations of alkenes with N-SCN sulfoximines. Chemical Communications, 2018, 54, 5772-5775.	2.2	46
94	Mechanochemical dehydrocoupling of dimethylamine borane and hydrogenation reactions using Wilkinson's catalyst. Chemical Communications, 2018, 54, 8355-8358.	2.2	27
95	Mechanochemical Rhodium(III)â€•and Gold(I)â€Catalyzed Câ^'H Bond Alkynylations of Indoles under Solventless Conditions in Mixer Mills. Angewandte Chemie, 2018, 130, 10883-10887.	1.6	26
96	Threeâ€Dimensional Heterocycles by Ironâ€Catalyzed Ringâ€Closing Sulfoxide Imidation. Angewandte Chemie, 2018, 130, 12229-12232.	1.6	11
97	Cobalt-Catalyzed Oxidation of the Î²-O-4 Bond in Lignin and Lignin Model Compounds. ACS Omega, 2018, 3, 8386-8392.	1.6	30
98	Photocatalytic Additions of 1â€Sulfoximidoylâ€1,2â€Benziodoxoles to Styrenes. Chemistry - A European Journal, 2018, 24, 14942-14945.	1.7	35
99	Threeâ€Dimensional Heterocycles by Ironâ€Catalyzed Ringâ€Closing Sulfoxide Imidation. Angewandte Chemie - International Edition, 2018, 57, 12053-12056.	7.2	47
100	Mechanochemical Rhodium(III)â€•and Gold(I)â€Catalyzed Câ^'H Bond Alkynylations of Indoles under Solventless Conditions in Mixer Mills. Angewandte Chemie - International Edition, 2018, 57, 10723-10727.	7.2	61
101	Altering Copperâ€Catalyzed A 3 Couplings by Mechanochemistry: Oneâ€Pot Synthesis of 1,4â€Diaminoâ€2â€butynes from Aldehydes, Amines, and Calcium Carbide. Angewandte Chemie, 2018, 130, 10878-10882.	1.6	23
102	Altering Copperâ€Catalyzed A³ Couplings by Mechanochemistry: Oneâ€Pot Synthesis of 1,4â€Diaminoâ€2â€butynes from Aldehydes, Amines, and Calcium Carbide. Angewandte Chemie - International Edition, 2018, 57, 10718-10722.	7.2	78
103	Rhodium(III)-Catalyzed Ortho Halogenations of N-Acylsulfoximines and Synthetic Applications toward Functionalized Sulfoximine Derivatives. Organic Letters, 2017, 19, 726-729.	2.4	47
104	Rhodium(III)â€Catalyzed Annulation of Nâ€Methoxybenzamides with Heterobicyclic Alkenes by Câ€“H Functionalization: Synthesis of Benzo[b]phenanthridinones. European Journal of Organic Chemistry, 2017, 2017, 1203-1206.	1.2	31
105	Altering Product Selectivity by Mechanochemistry. Journal of Organic Chemistry, 2017, 82, 4007-4019.	1.7	480
106	Design, Synthesis, and Evaluation of Nâ€(tertâ€Butyl)â€Alanineâ€Derived Chiral Ligands â€“ Aspects of Reactivity and Diastereoselectivity in the Reactions with Î±â€Amino Acids. European Journal of Organic Chemistry, 2017, 2017, 3211-3221.	1.2	2
107	Synthesis of Nâ€Propargylsulfoximines by Copperâ€Catalyzed A³â€Couplings. Chemistry - A European Journal, 2017, 23, 12100-12103.	1.7	16
108	Sulfoximines as ATR inhibitors: Analogs of VE-821. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2659-2662.	1.0	19

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109	Mechanoenzymatic peptide and amide bond formation. Green Chemistry, 2017, 19, 2620-2625.	4.6	81
110	Mechanochemical indole synthesis by rhodium-catalysed oxidative coupling of acetanilides and alkynes under solventless conditions in a ball mill. Green Chemistry, 2017, 19, 2520-2523.	4.6	75
111	Organocatalytic Chemoselective Primary Alcohol Oxidation and Subsequent Cleavage of Lignin Model Compounds and Lignin. ChemSusChem, 2017, 10, 2707-2713.	3.6	81
112	Dibenzothiophene Sulfoximine as an NH₃ Surrogate in the Synthesis of Primary Amines by Copperâ€Catalyzed Câ^'X and Câ^'H Bond Amination. Angewandte Chemie, 2017, 129, 9660-9663.	1.6	13
113	Dibenzothiophene Sulfoximine as an NH₃ Surrogate in the Synthesis of Primary Amines by Copperâ€Catalyzed Câ^'X and Câ^'H Bond Amination. Angewandte Chemie - International Edition, 2017, 56, 9532-9535.	7.2	61
114	1,2-Benzothiazines from Sulfoximines and Allyl Methyl Carbonate by Rhodium-Catalyzed Cross-Coupling and Oxidative Cyclization. Organic Letters, 2017, 19, 1706-1709.	2.4	61
115	Access to N-cyanosulfoximines by transition metal-free iminations of sulfoxides. Organic and Biomolecular Chemistry, 2017, 15, 1086-1090.	1.5	29
116	An Iodineâ€Mediated Hofmannâ€LÃ¶fflerâ€Freytag Reaction of Sulfoximines Leading to Dihydroisothiazole Oxides. Advanced Synthesis and Catalysis, 2017, 359, 4274-4277.	2.1	45
117	Microwaveâ€Assisted Synthesis of Heterocycles by Rhodium(III)â€Catalyzed Annulation of Nâ€Methoxyamides with Î±â€Chloroaldehydes. Angewandte Chemie - International Edition, 2017, 56, 15921-15925.	7.2	38
118	Microwaveâ€Assisted Synthesis of Heterocycles by Rhodium(III)â€Catalyzed Annulation of Nâ€Methoxyamides with Î±â€Chloroaldehydes. Angewandte Chemie, 2017, 129, 16137-16141.	1.6	6
119	Copper-Catalyzed C(sp²)â€“S Coupling Reactions for the Synthesis of Aryl Dithiocarbamates with Thiuram Disulfide Reagents. Organic Letters, 2017, 19, 5916-5919.	2.4	91
120	Rhodium-Catalyzed [4 + 3] Annulations of Sulfoximines with Î±,Î²-Unsaturated Ketones Leading to 1,2-Benzothiazepine 1-Oxides. Organic Letters, 2017, 19, 6020-6023.	2.4	56
121	Organocatalytic Asymmetric Synthesis of transâ€Î³â€Lactams. Chemistry - A European Journal, 2017, 23, 13888-13892.	1.7	17
122	Anti-glioma Activity of Dapsone and Its Enhancement by Synthetic Chemical Modification. Neurochemical Research, 2017, 42, 3382-3389.	1.6	29
123	Mechanistic Investigation of the Catalyzed Cleavage for the Lignin Î²-O-4 Linkage: Implications for Vanillin and Vanillic Acid Formation. ACS Sustainable Chemistry and Engineering, 2017, 5, 9818-9825.	3.2	61
124	Sulfoximidoyl-Containing Hypervalent Iodine(III) Reagents: 1-Sulfoximidoyl-1,2-benziodoxoles. Journal of Organic Chemistry, 2017, 82, 11854-11858.	1.7	32
125	Organic Dye-Catalyzed Atom Transfer Radical Additionâ€“Elimination (ATRE) Reaction for the Synthesis of Perfluoroalkylated Alkenes. Organic Letters, 2017, 19, 4295-4298.	2.4	58
126	Mechanochemical Ruthenium-Catalyzed Hydroarylations of Alkynes under Ball-Milling Conditions. Organic Letters, 2017, 19, 6284-6287.	2.4	57

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127	Rhodium-catalyzed Synthesis of 1-(Acylamino)isoquinolines through Direct Annulative Coupling of 3-Aryl-1,2,4-oxadiazoles with Alkynes. Chemistry Letters, 2017, 46, 1347-1349.	0.7	12
128	Mechanochemical Rhodium(III)-Catalyzed Câ€“H Bond Amidation of Arenes with Dioxazolones under Solventless Conditions in a Ball Mill. ACS Catalysis, 2017, 7, 4592-4596.	5.5	128
129	Sulfoximines from a Medicinal Chemist's Perspective: Physicochemical and inÂvitro Parameters Relevant for Drug Discovery. European Journal of Medicinal Chemistry, 2017, 126, 225-245.	2.6	332
130	Mechanochemical Lignin-Mediated Strecker Reaction. Molecules, 2017, 22, 146.	1.7	22
131	Selective enzymatic esterification of lignin model compounds in the ball mill. Beilstein Journal of Organic Chemistry, 2017, 13, 1788-1795.	1.3	38
132	The Reactivity of Difluorocarbene with Hydroxylamines: Synthesis of Carbamoyl Fluorides. Advanced Synthesis and Catalysis, 2016, 358, 2293-2299.	2.1	26
133	Rhodiumâ€Catalyzed orthoâ€Amidations in the Preparation of Thiadiazine 1â€Oxides. Chemistry - A European Journal, 2016, 22, 10821-10824.	1.7	47
134	Copperâ€Catalyzed Sâˆ'C/Sâˆ'N Bond Interconversions. Chemistry - A European Journal, 2016, 22, 5547-5550.	1.7	40
135	Exploring the Reactivity of N-Alkynylated Sulfoximines: Acid-Catalyzed Cyclizations. Organic Letters, 2016, 18, 3307-3309.	2.4	28
136	Mechanochemical Enzymatic Kinetic Resolution of Secondary Alcohols under Ballâ€Milling Conditions. ChemCatChem, 2016, 8, 1769-1772.	1.8	74
137	Synthesis of a Sulfonimidamide-Based Analog of Tasisulam and Its Biological Evaluation in the Melanoma Cell Lines SKMel23 and A375. Skin Pharmacology and Physiology, 2016, 29, 281-290.	1.1	29
138	Copperâ€Catalyzed Direct Sulfoximination of Heteroaromatic Nâ€Oxides by Dual Câˆ'H/Nâˆ'H Dehydrogenative Crossâ€Coupling. Chemistry - an Asian Journal, 2016, 11, 54-57.	1.7	52
139	Halocyclizations of Unsaturated Sulfoximines. Organic Letters, 2016, 18, 2431-2434.	2.4	53
140	Building Block Approach for the Synthesis of Sulfoximines. Organic Letters, 2016, 18, 5348-5351.	2.4	18
141	Mechanochemical Strecker Reaction: Access to Î±â€Aminonitriles and Tetrahydroisoquinolines under Ballâ€Milling Conditions. Chemistry - A European Journal, 2016, 22, 14513-14517.	1.7	65
142	Mechanistic Insights into the Iridiumâ€Catalyzed Hydrogenations of Î±,Î²â€Unsaturated Ketones. ChemCatChem, 2016, 8, 3099-3106.	1.8	14
143	Lithium Sulfondiimidoyl Carbanions. Synlett, 2016, 27, 2201-2204.	1.0	1
144	Synthesis of Sulfoximidoylâ€Containing Hypervalent Iodine(III) Reagents and Their Use in Transitionâ€Metalâ€Free Sulfoximidations of Alkynes. Angewandte Chemie - International Edition, 2016, 55, 12655-12658.	7.2	55

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