

Kirsten Zeitler

List of Publications by Year in descending order

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61
papers

6,145
citations

109321

35
h-index

114465

63
g-index

92
all docs

92
docs citations

92
times ranked

4912
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic Arylation of P ₄ and PH ₃ : Reaction Development Through Mechanistic Insight. <i>Angewandte Chemie</i> , 2021, 133, 24855-24863.	2.0	8
2	Photocatalytic Arylation of P ₄ and PH ₃ : Reaction Development Through Mechanistic Insight. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24650-24658.	13.8	27
3	On-chip mass spectrometric analysis in non-polar solvents by liquid beam infrared matrix-assisted laser dispersion/ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1561-1570.	3.7	5
4	In situ monitoring of photocatalyzed isomerization reactions on a microchip flow reactor by IR-MALDI ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7899-7911.	3.7	4
5	Versatile Visible-Light-Driven Synthesis of Asymmetrical Phosphines and Phosphonium Salts. <i>Chemistry - A European Journal</i> , 2020, 26, 16374-16382.	3.3	38
6	Impact of Chlorine on the Internal Transition Rates and Excited States of the Thermally Delayed Activated Fluorescence Molecule 3CzCLIPN. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15007-15014.	3.1	6
7	11. Synergistic visible light photoredox catalysis. , 2020, , 245-284.		4
8	2.4 Organocatalyst/Photocatalyst Dual Catalysis. , 2020, , .		0
9	Nonaqueous Micro Free-Flow Electrophoresis for Continuous Separation of Reaction Mixtures in Organic Media. <i>Analytical Chemistry</i> , 2019, 91, 6689-6694.	6.5	13
10	3 Practical Aspects of Photocatalysis. , 2019, , .		1
11	Synergistic visible light photoredox catalysis. <i>Physical Sciences Reviews</i> , 2019, 5, .	0.8	3
12	Unprecedented Mechanism of an Organocatalytic Route to Conjugated Enynes with a Junction to Cyclic Nitronates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 328-337.	2.4	7
13	A Catalytic Strategy for α,β -Functionalization: NHC-Mediated Fragmentation/Umpolung Cascades to Access Hydroxytrifluoromethyl Ynones and Allenones. <i>ChemCatChem</i> , 2019, 11, 3750-3755.	3.7	2
14	NHC-Stabilized Radicals in the Formal Hydroacylation Reaction of Alkynes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 557-561.	2.4	7
15	Unlocking the Potential of Phenacyl Protecting Groups: CO ₂ -Based Formation and Photocatalytic Release of Caged Amines. <i>Journal of Organic Chemistry</i> , 2018, 83, 3738-3745.	3.2	17
16	A Toolbox Approach To Construct Broadly Applicable Metal-Free Catalysts for Photoredox Chemistry: Deliberate Tuning of Redox Potentials and Importance of Halogens in Donor-Acceptor Cyanoarenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15353-15365.	13.7	435
17	A synergistic LUMO lowering strategy using Lewis acid catalysis in water to enable photoredox catalytic, functionalizing C-C cross-coupling of styrenes. <i>Chemical Science</i> , 2018, 9, 7096-7103.	7.4	40
18	Carboranes as Aryl Mimetics in Catalysis: A Highly Active Zwitterionic NHC-Precatalyst. <i>Chemistry - A European Journal</i> , 2017, 23, 7932-7937.	3.3	30

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19	Carboranes as Aryl Mimetics in Catalysis: A Highly Active Zwitterionic NHC-Pre-catalyst. <i>Chemistry - A European Journal</i> , 2017, 23, 7834-7834.	3.3	0
20	A droplet-chip/mass spectrometry approach to study organic synthesis at nanoliter scale. <i>Lab on a Chip</i> , 2017, 17, 1996-2002.	6.0	41
21	On-chip integration of organic synthesis and HPLC/MS analysis for monitoring stereoselective transformations at the micro-scale. <i>Lab on a Chip</i> , 2017, 17, 76-81.	6.0	45
22	Nitroalkenes as Latent 1,2-Biselectrophiles – A Multicatalytic Approach for the Synthesis of 1,4-Diketones and Their Application in a Four-Step One-Pot Reaction to Polysubstituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2017, 82, 7796-7805.	3.2	22
23	Desyl and Phenacyl as Versatile, Photocatalytically Cleavable Protecting Groups: A Classic Approach in a Different (Visible) Light. <i>ACS Catalysis</i> , 2017, 7, 6821-6826.	11.2	17
24	An <i>N</i> -Heterocyclic Carbene-Mediated, Enantioselective and Multicatalytic Strategy to Access Dihydropyranones in a Sequential Three-Component One-Pot Reaction. <i>Organic Letters</i> , 2017, 19, 6076-6079.	4.6	12
25	No photocatalyst required – versatile, visible light mediated transformations with polyhalomethanes. <i>Chemical Communications</i> , 2015, 51, 8280-8283.	4.1	110
26	Visible Light Mediated Reductive Cleavage of C=O Bonds Accessing α -Substituted Aryl Ketones. <i>Organic Letters</i> , 2015, 17, 4818-4821.	4.6	47
27	More than just a game. <i>Nature Chemistry</i> , 2015, 7, 950-951.	13.6	16
28	NHC-catalysed aerobic aldehyde-esterifications with alcohols: no additives or cocatalysts required. <i>Chemical Communications</i> , 2013, 49, 6510.	4.1	64
29	Aerobic oxidation of NHC-catalysed aldehyde esterifications with alcohols: benzoin, not the Breslow intermediate, undergoes oxidation. <i>Chemical Communications</i> , 2013, 49, 6513.	4.1	77
30	A Cooperative Hydrogen-Bond-Promoted Organophotoredox Catalysis Strategy for Highly Diastereoselective, Reductive Enone Cyclization. <i>Chemistry - A European Journal</i> , 2013, 19, 6950-6955.	3.3	62
31	What is your actual catalyst? TMS cleavage rates of diarylprolinol silyl ethers studied by in situ NMR. <i>RSC Advances</i> , 2012, 2, 5941.	3.6	20
32	Stereoselective synthesis of bulky 1,2-diols with alcohol dehydrogenases. <i>Catalysis Science and Technology</i> , 2012, 2, 1580.	4.1	56
33	NHC-catalysed, chemoselective crossed-acyloin reactions. <i>Chemical Science</i> , 2012, 3, 735-740.	7.4	94
34	Application of Microflow Conditions to Visible Light Photoredox Catalysis. <i>Organic Letters</i> , 2012, 14, 2658-2661.	4.6	167
35	Visible-Light-Promoted Stereoselective Alkylation by Combining Heterogeneous Photocatalysis with Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4062-4066.	13.8	252
36	Stabilization of Proline Enamine Carboxylates by Amine Bases. <i>Chemistry - A European Journal</i> , 2012, 18, 3362-3370.	3.3	33

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37	A novel reaction-based, chromogenic and α -turn-on fluorescent chemodosimeter for fluoride detection. <i>New Journal of Chemistry</i> , 2011, 35, 994.	2.8	35
38	Highly Chemoselective Direct Crossed Aliphatic π -Aromatic Acyloin Condensations with Triazolium-Derived Carbene Catalysts. <i>Journal of Organic Chemistry</i> , 2011, 76, 347-357.	3.2	106
39	Distinct conformational preferences of prolinol and prolinol ether enamines in solution revealed by NMR. <i>Chemical Science</i> , 2011, 2, 1793.	7.4	91
40	Formation and Stability of Prolinol and Prolinol Ether Enamines by NMR: Delicate Selectivity and Reactivity Balances and Parasitic Equilibria. <i>Journal of the American Chemical Society</i> , 2011, 133, 7065-7074.	13.7	105
41	NMR Investigations on the Proline-Catalyzed Aldehyde Self-Condensation: Mannich Mechanism, Dienamine Detection, and Erosion of the Aldol Addition Selectivity. <i>Journal of Organic Chemistry</i> , 2011, 76, 3005-3015.	3.2	55
42	A versatile combined N-heterocyclic carbene and base-catalyzed multiple cascade approach for the synthesis of functionalized benzofuran-3-(2H)-ones. <i>Tetrahedron Letters</i> , 2011, 52, 6952-6956.	1.4	22
43	Metal-Free, Cooperative Asymmetric Organophotoredox Catalysis with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 951-954.	13.8	643
44	Chemoselective Crossed Acyloin Condensations: Catalyst and Substrate Control. <i>Synthesis</i> , 2011, 2011, 190-198.	2.3	7
45	Total Synthesis of the Slime Mold Alkaloids Arcyroxocin A and B. <i>Synthesis</i> , 2011, 2011, 330-336.	2.3	0
46	The Elusive Enamine Intermediate in Proline-Catalyzed Aldol Reactions: NMR Detection, Formation Pathway, and Stabilization Trends. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4997-5003.	13.8	155
47	Efficient Catalytic, Oxidative Lactonization for the Synthesis of Benzodioxepinones Using Thiazolium-Derived Carbene Catalysts. <i>Organic Letters</i> , 2010, 12, 4552-4555.	4.6	84
48	Efficient, Enantioselective Iminium Catalysis with an Immobilized, Recyclable Diarylprolinol Silyl Ether Catalyst. <i>Organic Letters</i> , 2010, 12, 1480-1483.	4.6	83
49	Photoredox Catalysis with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9785-9789.	13.8	906
50	An Efficient Carbene-Catalyzed Access to 3,4-Dihydrocoumarins. <i>Journal of Organic Chemistry</i> , 2009, 74, 1759-1762.	3.2	74
51	Highly Enantioselective Benzoin Condensation Reactions Involving a Bifunctional Protic Pentafluorophenyl-Substituted Triazolium Precatalyst. <i>Journal of Organic Chemistry</i> , 2009, 74, 9214-9217.	3.2	146
52	An Efficient and Versatile Approach for the Immobilization of Carbene Precursors <i>via</i> Copper-Catalyzed [3+2] Cycloaddition and their Catalytic Application. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1851-1857.	4.3	60
53	Asymmetric Organocatalysis. <i>ChemMedChem</i> , 2007, 2, 1261-1264.	3.2	22
54	Stereoselective Synthesis of (E)- β , γ -Unsaturated Esters via Carbene-Catalyzed Redox Esterification. <i>Organic Letters</i> , 2006, 8, 637-640.	4.6	268

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55	Extending Mechanistic Routes in Heterazolum Catalysis-Promising Concepts for Versatile Synthetic Methods. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7506-7510.	13.8	389
56	A Short Diastereoselective Synthesis of Orthogonally Protected Diaminosuccinic Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2004, 69, 6134-6136.	3.2	9
57	A Novel One-Pot Pyrrole Synthesis via a Coupling~Isomerization~Stetter~Paal~Knorr Sequence. <i>Organic Letters</i> , 2001, 3, 3297-3300.	4.6	196
58	First synthesis and electronic properties of (hetero)aryl bridged and directly linked redox active phenothiazinyl dyads and triads. <i>Tetrahedron Letters</i> , 2001, 42, 8619-8624.	1.4	72
59	Stereocontrolled Backbone Connection of Peptides by C C-Double Bonds. <i>Tetrahedron</i> , 2000, 56, 4187-4195.	1.9	21
60	Synthesis of Functionalized Ethynylphenothiazine Fluorophores. <i>Organic Letters</i> , 2000, 2, 3723-3726.	4.6	95
61	A Novel 1,5-Benzoheteroazepine Synthesis via a One-Pot Coupling~Isomerization~Cyclocondensation Sequence. <i>Organic Letters</i> , 2000, 2, 4181-4184.	4.6	51