Dominik K KÃ¶lmel

List of Publications by Year
in descending order

43	1,639	394421 19	414414 32
papers	citations	h-index	g-index

46	46	46	2568
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Employing Photocatalysis for the Design and Preparation of DNAâ€Encoded Libraries: A Case Study. Chemical Record, 2021, 21, 616-630.	5.8	14
2	Toward the assembly and characterization of an encoded library hit confirmation platform: Bead-Assisted Ligand Isolation Mass Spectrometry (BALI-MS). Bioorganic and Medicinal Chemistry, 2021, 41, 116205.	3.0	8
3	Copper-Catalyzed Synthesis of Î²-Lactams from Oximes and Methyl Propiolate. Synfacts, 2021, 17, 1201.	0.0	0
4	Screening Platform for Optimizing Nickel-Catalyzed Suzukiâ€“Miyaura Reactions. Synfacts, 2021, 17, 1322.	0.0	0
5	Electrochemical Alkylation of Hetarenes with Carbazates as Radical Precursors. Synfacts, 2020, 16, 1029.	0.0	0
6	Merging C(sp³)â€“H activation with DNA-encoding. Chemical Science, 2020, 11, 12282-12288.	7.4	57
7	Photoredox cross-electrophile coupling in DNA-encoded chemistry. Biochemical and Biophysical Research Communications, 2020, 533, 201-208.	2.1	38
8	Photocatalytic [2 + 2] Cycloaddition in DNA-Encoded Chemistry. Organic Letters, 2020, 22, 2908-2913.	4.6	51
9	RASSâ€Enabled S/Pâ^'C and Sâ^'N Bond Formation for DEL Synthesis. Angewandte Chemie, 2020, 132, 7447-7453.	2.0	9
10	RASSâ€Enabled S/Pâ^'C and Sâ^'N Bond Formation for DEL Synthesis. Angewandte Chemie - International Edition, 2020, 59, 7377-7383.	13.8	44
11	Kinetic Resolution of BINOLs in Continuous Flow. Synfacts, 2020, 16, 1007.	0.0	0
12	Selective Monoreduction of a Pyridine Diester on a Kilogram Scale. Synfacts, 2020, 16, 1249.	0.0	0
13	Synthesis of Oxygen-Rich Polycyclic Scaffolds. Synfacts, 2020, 16, 1403.	0.0	0
14	Photoredox-Mediated Pyridonation of (Het)Arenes. Synfacts, 2019, 15, 1117.	0.0	0
15	On-DNA Decarboxylative Arylation: Merging Photoredox with Nickel Catalysis in Water. ACS Combinatorial Science, 2019, 21, 588-597.	3.8	72
16	New Polyfluorinated Cyanine Dyes for Selective NIR Staining of Mitochondria. Chemistry - A European Journal, 2019, 25, 7998-8002.	3.3	17
17	Buchwaldâ€“Hartwig Coupling of Piperidines with Hetaryl Bromides. Synfacts, 2019, 15, 1240.	0.0	3
18	Synthesis of Tetracyclic Dihydroquinolinones by a Knoevenagel/Hetero-Dielsâ€“Alder Reaction. Synfacts, 2019, 15, 1357.	0.0	0

#	Article	IF	Citations
19	Synthesis of Bis(pyrroloquinoline) Derivatives from Isatins and Î²-Keto Amides. Synfacts, 2019, 15, 1356.	0.0	1
20	Combined Photoredox/Hydrogen Transfer for Functionalization of Nonactivated Alkanes. Synfacts, 2018, 14, 1322.	0.0	0
21	Employing Photoredox Catalysis for DNAâ€Encoded Chemistry: Decarboxylative Alkylation of Î±â€Amino Acids. ChemMedChem, 2018, 13, 2159-2165.	3.2	86
22	Decarboxylative alkylation for site-selective bioconjugation of native proteins via oxidation potentials. Nature Chemistry, 2018, 10, 205-211.	13.6	272
23	Electrochemical Coupling of Benzothiophenes with Phenols. Synfacts, 2018, 14, 1237.	0.0	0
24	Colorâ€Change Photoswitching of an Alkynylpyrene Excimer Dye. Angewandte Chemie, 2017, 129, 6597-6601.	2.0	7
25	Colorâ€Change Photoswitching of an Alkynylpyrene Excimer Dye. Angewandte Chemie - International Edition, 2017, 56, 6497-6501.	13.8	34
26	Oximes and Hydrazones in Bioconjugation: Mechanism and Catalysis. Chemical Reviews, 2017, 117, 10358-10376.	47.7	450
27	Two-photon absorption in a series of 2,6-disubstituted BODIPY dyes. Physical Chemistry Chemical Physics, 2017, 19, 21683-21690.	2.8	17
28	Novel Prodrug of Doxorubicin Modified by Stearoylspermine Encapsulated into PEG-Chitosan-Stabilized Liposomes. Langmuir, 2016, 32, 10861-10869.	3.5	33
29	Efficient synthesis of fluorescent alkynyl C-nucleosides via Sonogashira coupling for the preparation of DNA-based polyfluorophores. Organic and Biomolecular Chemistry, 2016, 14, 6407-6412.	2.8	12
30	Linear and Nonlinear Optical Spectroscopy of Fluoroalkylated BODIPY Dyes. Journal of Physical Chemistry C, 2016, 120, 4538-4545.	3.1	37
31	Enhancement of Two-Photon Absorption in Highly Emissive BODIPY Dyes. , 2016, , .		0
32	Peptoidâ€Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. Chemistry - A European Journal, 2015, 21, 2713-2713.	3.3	2
33	Highly efficient synthesis of polyfluorinated dendrons suitable for click chemistry. RSC Advances, 2015, 5, 36762-36765.	3.6	2
34	Peptoidâ€Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. Chemistry - A European Journal, 2015, 21, 2813-2820.	3.3	27
35	Azides â€“ Diazonium Ions â€“ Triazenes: Versatile Nitrogen-rich Functional Groups. Australian Journal of Chemistry, 2014, 67, 328.	0.9	70
36	Cell-penetrating peptoids: Introduction of novel cationic side chains. European Journal of Medicinal Chemistry, 2014, 79, 231-243.	5.5	27

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37	Luminescent Cell-Penetrating Pentadecanuclear Lanthanide Clusters. Journal of the American Chemical Society, 2013, 135, 7454-7457.	13.7	110
38	Rhodamine F: a novel class of fluorous ponytailed dyes for bioconjugation. Organic and Biomolecular Chemistry, 2013, 11, 3954.	2.8	20
39	Peptoidâ€Based Rareâ€Earth (Group 3 and Lanthanide) Transporters. European Journal of Organic Chemistry, 2013, 2013, 2761-2765.	2.4	8
40	Cell Penetrating Peptoids (CPPos): Synthesis of a Small Combinatorial Library by Using IRORI MiniKans. Pharmaceuticals, 2012, 5, 1265-1281.	3.8	24
41	Photophysical properties of fluorescently-labeled peptoids. European Journal of Medicinal Chemistry, 2011, 46, 4457-4465.	5.5	16
42	Investigating rhodamine Bâ€labeled peptoids: Scopes and limitations of its applications. Biopolymers, 2011, 96, 694-701.	2.4	47
43	Novel Pyridinium Dyes That Enable Investigations of Peptoids at the Single-Molecule Level. Journal of Physical Chemistry B, 2010, 114, 13473-13480.	2.6	19