

Katrine M Qvortrup

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A General Strategy for Organocatalytic Activation of C-H Bonds via Photoredox Catalysis: Direct Arylation of Benzylic Ethers. <i>Journal of the American Chemical Society</i> , 2014, 136, 626-629.	13.7	254
2	Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. <i>Frontiers in Chemistry</i> , 2019, 7, 742.	3.6	70
3	Itaconimides as Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 443.	3.9	43
4	Identification of small molecules that interfere with c-di-GMP signaling and induce dispersal of <i>Pseudomonas aeruginosa</i> biofilms. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 59.	6.4	37
5	Synthesis and Characterization of Extended Tetrathiafulvalenes with Di-, Tri-, and Tetraethynylethene Cores. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3660-3671.	2.4	36
6	Photolabile Linkers for Solid-Phase Synthesis. <i>ACS Combinatorial Science</i> , 2018, 20, 377-399.	3.8	30
7	Bead-based screening in chemical biology and drug discovery. <i>Chemical Communications</i> , 2018, 54, 6759-6771.	4.1	25
8	Perylenediimide-metal ion dyads for photo-induced electron transfer. <i>Chemical Communications</i> , 2008, , 1986.	4.1	23
9	A tetrathiafulvalene- <i>perylene diimide</i> conjugate prepared via click chemistry. <i>Tetrahedron Letters</i> , 2009, 50, 5613-5616.	1.4	18
10	Donor strength of π -extended tetrathiafulvalenes: ionisation energies vs. oxidation potentials. A joint theoretical and experimental study. <i>Journal of Materials Chemistry</i> , 2004, 14, 1768-1773.	6.7	17
11	A photolabile linker for the solid-phase synthesis of 4-substituted NH-1,2,3-triazoles. <i>Chemical Communications</i> , 2011, 47, 3278.	4.1	17
12	In-Bead Screening of Hydroxamic Acids for the Identification of HDAC Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4472-4475.	13.8	15
13	A Photolabile Linker for the Solid-Phase Synthesis of Peptide Hydrazides and Heterocycles. <i>Organic Letters</i> , 2014, 16, 4782-4785.	4.6	14
14	Oxidative Modification of Tryptophan-Containing Peptides. <i>ACS Combinatorial Science</i> , 2018, 20, 344-349.	3.8	14
15	A convenient procedure for the solid-phase synthesis of hydroxamic acids on PEGA resins. <i>Tetrahedron Letters</i> , 2011, 52, 7121-7124.	1.4	13
16	Excitation energy transfer in novel acetylenic perylene diimide scaffolds. <i>New Journal of Chemistry</i> , 2009, 33, 507-516.	2.8	12
17	Design, synthesis, and biological evaluation of LNA nucleosides as adenosine A3 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5440-5447.	3.0	11
18	Solvent-Controlled Chemoselectivity in the Photolytic Release of Hydroxamic Acids and Carboxamides from Solid Support. <i>Organic Letters</i> , 2017, 19, 3263-3266.	4.6	10

#	ARTICLE	IF	CITATIONS
19	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR β partial agonists. <i>PLoS ONE</i> , 2017, 12, e0162642.	2.5	10
20	Chemical synthesis on SU-8. <i>Chemical Communications</i> , 2011, 47, 1309-1311.	4.1	9
21	Aqua(2,2'-bipyridine)(2,2':6',2'-terpyridine)ruthenium(II) bis(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1400-m1401.	0.2	8
22	Gold-carbonyl group interactions in the electrochemistry of anthraquinone thiols self-assembled on Au(111)-surfaces. <i>Chemical Science</i> , 2019, 10, 3927-3936.	7.4	8
23	Production of allergen-specific immunotherapeutic agents for the treatment of food allergy. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 881-894.	9.0	8
24	A Linker for the Solid-Phase Synthesis of Hydroxamic Acids and Identification of HDAC6 Inhibitors. <i>ACS Combinatorial Science</i> , 2017, 19, 657-669.	3.8	6
25	SAR study of 4-arylazo-3,5-diamino-1 <i>H</i> -pyrazoles: identification of small molecules that induce dispersal of <i>Pseudomonas aeruginosa</i> biofilms. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1868-1878.	3.9	4
26	Surface-confined redox-active monolayers of a multifunctional anthraquinone derivative on nanoporous and single-crystal gold electrodes. <i>Electrochemistry Communications</i> , 2021, 124, 106962.	4.7	4
27	Cross-Coupling Reactions with Acetylenic Dithiafulvenes. <i>Synlett</i> , 2004, 2004, 2818-2820.	1.8	2
28	Solid-phase synthesis and biological evaluation of piperazine-based novel bacterial topoisomerase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 57, 128499.	2.2	1
29	In-Bead Screening of Hydroxamic Acids for the Identification of HDAC Inhibitors. <i>Angewandte Chemie</i> , 2016, 128, 4548-4551.	2.0	0