

Soren K Mellerup

List of Publications by Year in descending order

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42
papers

1,716
citations

257450

24
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of an air-stable diborane via a stepwise BH ₃ addition of pyrido[1,2-a]isoindole with H ₂ evolution. <i>Chemical Communications</i> , 2021, 57, 9882-9885.	4.1	1
2	Divergent and Multi-Stage Photoisomerization of Four-Coordinated Boron Compounds with a Naphthyl-Pyridyl/Thiazolyl Backbone. <i>Chemistry - A European Journal</i> , 2020, 26, 12403-12410.	3.3	14
3	Boron-based stimuli responsive materials. <i>Chemical Society Reviews</i> , 2019, 48, 3537-3549.	38.1	349
4	Reversible Photoisomerization from Borepin to Boratanorcaradiene and Double Aryl Migration from Boron to Carbon. <i>Angewandte Chemie</i> , 2019, 131, 6755-6759.	2.0	13
5	Reversible Photoisomerization from Borepin to Boratanorcaradiene and Double Aryl Migration from Boron to Carbon. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6683-6687.	13.8	38
6	Boron-Doped Molecules for Optoelectronics. <i>Trends in Chemistry</i> , 2019, 1, 77-89.	8.5	152
7	D- ¹⁸ O-A Triarylboranes as Reversible Fluorescent Probes for CO ₂ and Temperature. <i>Organic Letters</i> , 2019, 21, 2838-2842.	4.6	36
8	Impact of intramolecular H bond and n- π^* interactions on photophysical and CO ₂ sensing properties of laterally appended D- ¹⁸ O-A triarylboron compounds. <i>Tetrahedron</i> , 2019, 75, 809-816.	1.9	2
9	Photochemical Generation of Chiral N,B-X-Heterocycles by Heteroaromatic C-X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9634-9639.	13.8	33
10	A simple multi-responsive system based on aldehyde functionalized amino-boranes. <i>Chemical Science</i> , 2018, 9, 1902-1911.	7.4	99
11	Photochemical Generation of Chiral N,B-X-Heterocycles by Heteroaromatic C-X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie</i> , 2018, 130, 9782-9787.	2.0	7
12	Stabilising fleeting intermediates of stilbene photocyclization with amino-borane functionalisation: the rare isolation of persistent dihydrophenanthrenes and their [1,5] H-shift isomers. <i>Chemical Science</i> , 2018, 9, 3844-3855.	7.4	32
13	Experimental Evidence for a Triplet Biradical Excited-State Mechanism in the Photoreactivity of N,C-Chelate Organoboron Compounds. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9267-9274.	2.5	14
14	Stimuli-Responsive B/N Lewis Pairs Based on the Modulation of B-N Bond Strength. <i>Organic Letters</i> , 2018, 20, 6467-6470.	4.6	44
15	Controlling Isomerization Selectivity in Chiral, Photochromic N,C-Chelate Organoboron Systems with Extended π -Conjugation. <i>Journal of Organic Chemistry</i> , 2018, 83, 11970-11977.	3.2	12
16	Accessing Two-Stage Regioselective Photoisomerization in Unsymmetrical N,C-Chelate Organoboron Compounds: Reactivity of B(ppz)(Mes)Ar. <i>Organometallics</i> , 2018, 37, 3360-3367.	2.3	9
17	Identifying (BN) ₂ -pyrenes as a New Class of Singlet Fission Chromophores: Significance of Azaborine Substitution. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2919-2927.	4.6	28
18	Isomerization and rearrangement of boriranes: from chemical rarities to functional materials. <i>Science China Materials</i> , 2018, 61, 1249-1256.	6.3	18

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19	Transforming benzylideneamine N,C-chelate boron compounds to BN-cycloocta-/cyclohepta-trienes bearing a tetrasubstituted Bi€N unit via photoisomerization. <i>Chemical Communications</i> , 2018, 54, 8245-8248.	4.1	10
20	Frontispiz: Photochemical Generation of Chiral N,B,X-Heterocycles by Heteroaromatic CâˆX Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	0
21	Frontispiece: Photochemical Generation of Chiral N,B,X-Heterocycles by Heteroaromatic CâˆX Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	0
22	Lanthanide Complexes with Photochromic Organoboron Ligand: Synthesis and Luminescence Study. <i>Inorganic Chemistry</i> , 2018, 57, 10040-10049.	4.0	18
23	Aryl Insertion vs Arylâ€Aryl Coupling in C,C-Chelated Organoborates: The â€Missing Linkâ€of Tetraarylborate Photochemistry. <i>Organic Letters</i> , 2018, 20, 3966-3970.	4.6	29
24	Regioselective Photoisomerization/CâˆC Bond Formation of Asymmetric B(ppy)(Mes)(Ar): The Role of the Aryl Groups on Boron. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6093-6097.	13.8	71
25	Triaryl-Boron Functionalized Dinuclear Platinum Complexes Linked by Photoisomerizable Bpe Ligand: Luminescence and Isomerism. <i>Inorganic Chemistry</i> , 2017, 56, 12783-12794.	4.0	11
26	Binding Modes and Reactivity of Pyrido[2,1- <i>a</i>]isoindole as a Neutral Carbon Donor with Main-Group and Transition-Metal Elements. <i>Organometallics</i> , 2017, 36, 4054-4060.	2.3	5
27	Regioselektive Photoisomerisierung/Câ€Câ€Bindungsbildung von asymmetrischem B(ppy)(Mes)(Ar): die Rolle von Arylgruppen am Boratom. <i>Angewandte Chemie</i> , 2017, 129, 6189-6193.	2.0	30
28	Spiro-BODIPYs with a Diaryl Chelate: Impact on Aggregation and Luminescence. <i>Journal of Organic Chemistry</i> , 2017, 82, 13481-13487.	3.2	64
29	Triplet Energy and Œ-Conjugation Effects on Photoisomerization of Chiral N,C-Chelate Organoborons with PAH Substituents. <i>Organic Letters</i> , 2017, 19, 3851-3854.	4.6	24
30	Unusual Fragmentation and Transformation of an Nâ€Heterocyclic Carbene by a Stable Phosphoniumâ€Borane <i>peri</i> -â€Functionalized Naphthalene. <i>Chemistry - A European Journal</i> , 2016, 22, 2473-2480.	3.3	2
31	Highly Stable Eu(III) and Tb(III) Complexes Based on Triarylboraneâ€Functionalized Cyclen Derivatives as Visual Temperature Probes and Whiteâ€Light Emitters. <i>Advanced Optical Materials</i> , 2016, 4, 1882-1892.	7.3	7
32	Donorâ€Appended N,Câ€Chelate Organoboron Compounds: Influence of Donor Strength on Photochromic Behaviour. <i>Chemistry - A European Journal</i> , 2016, 22, 12464-12472.	3.3	44
33	Substituent Directed Phototransformations of BN-Heterocycles: Elimination vs Isomerization via Selective Bâ€C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2016, 138, 11513-11516.	13.7	72
34	Tuning the Colors of the Dark Isomers of Photochromic Boron Compounds with Fluoride Ions: Four-State Color Switching. <i>Organic Letters</i> , 2016, 18, 4436-4439.	4.6	27
35	1,1-Hydroboration of Fused Azoleâ€Isoindole Analogues as an Approach for Construction of <i>B</i> -, <i>N</i> -Heterocycles and Azole-Fused <i>B</i> -, <i>N</i> -Naphthalenes. <i>Organic Letters</i> , 2016, 18, 1626-1629.	4.6	39
36	Pyridyl Directed Catalyst-Free <i>trans</i> -Hydroboration of Internal Alkynes. <i>Organic Letters</i> , 2016, 18, 720-723.	4.6	53

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37	Thermal and Photolytic Transformation of NHCâ€“B,Nâ€“Heterocycles: Controlled Generation of Blue Fluorescent 1,3â€“Azaborinine Derivatives and 1â€“Hâ€“imidazo[1,2â€“a]indoles by External Stimuli. Chemistry - A European Journal, 2015, 21, 13829-13829.	3.3	0
38	Inâ€“Situ Solidâ€“State Generation of (BN) ₂ â€“Pyrenes and Electroluminescent Devices. Angewandte Chemie - International Edition, 2015, 54, 15074-15078.	13.8	105
39	Innentitelbild: Reversible 1,1-Hydroborierung: Borylinsertion in eine C-N-Bindung und konkurrierende Eliminierung von entweder HBR ₂ oder R-H (Angew. Chem. 18/2015). Angewandte Chemie, 2015, 127, 5352-5352.	2.0	0
40	One-Pot Synthesis of Brightly Fluorescent Mes ₂ B-Functionalized Indolizine Derivatives via Cycloaddition Reactions. Organic Letters, 2015, 17, 2486-2489.	4.6	36
41	Reversible 1,1â€“Hydroboration: Boryl Insertion into a Cî€“N Bond and Competitive Elimination of HBR ₂ or Rî€“H. Angewandte Chemie - International Edition, 2015, 54, 5498-5501.	13.8	52
42	Thermal and Photolytic Transformation of NHCâ€“B,Nâ€“Heterocycles: Controlled Generation of Blue Fluorescent 1,3â€“Azaborinine Derivatives and 1â€“Hâ€“imidazo[1,2â€“a]indoles by External Stimuli. Chemistry - A European Journal, 2015, 21, 13961-13970.	3.3	31