

# Sascha Ossinger

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

240  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of cooperativity in the spin transition of an iron(II) complex on a graphite surface. <i>Nature Communications</i> , 2018, 9, 2984.	12.8	73
2	Vacuum-Evaporable Spin-Crossover Complexes in Direct Contact with a Solid Surface: Bismuth versus Gold. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1210-1219.	3.1	71
3	Spin Transition of an Iron(II) Organoborate Complex in Different Polymorphs and in Vacuum-Deposited Thin Films: Influence of Cooperativity. <i>Inorganic Chemistry</i> , 2020, 59, 7966-7979.	4.0	24
4	Effect of ligand methylation on the spin-switching properties of surface-supported spin-crossover molecules. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 114003.	1.8	18
5	Electronic Structure, Vibrational Spectra, and Spin-Crossover Properties of Vacuum-Evaporable Iron(II) Bis(dihydrobis(pyrazolyl)borate) Complexes with Diimine Coligands. Origin of Giant Raman Features. <i>Inorganic Chemistry</i> , 2019, 58, 12873-12887.	4.0	17
6	Electron-Induced Spin-Crossover in Self-Assembled Tetramers. <i>ACS Nano</i> , 2021, 15, 11770-11778.	14.6	10
7	Spin Crossover in a Cobalt Complex on Ag(111). <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
8	Manganese(I) Complex with Monodentate Arylisocyanide Ligands Shows Photodissociation Instead of Luminescence. <i>Inorganic Chemistry</i> , 2022, 61, 10533-10547.	4.0	7
9	Spin-crossover behavior of bis[dihydrobis(4-methylpyrazol-1-yl-borate)]-(2,2'-bipyridine)iron and analogous complexes in the bulk and in thin films: Elucidating the influence of $\pi$ - $\pi$ -interactions on the type of spin transition. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 094001.	1.8	4
10	Probing the Spin State of Spin-Crossover Complexes on Surfaces with Vacuum Ultraviolet Angle-Resolved Photoemission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14105-14116.	3.1	3
11	Crystal structure of bis[dihydrobis(pyrazol-1-yl)borato] <sup>2-</sup> (1,10-phenanthroline) <sup>2-</sup> zinc(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1112-1116.	0.5	3
12	Three-State Switching of an Fe Spin Crossover Complex. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7238-7244.	3.1	2
13	Crystal structure of bis(5-bromo-1,10-phenanthroline) <sup>2-</sup> iron(II) toluene disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1398-1402.	0.5	0
14	Crystal structure of bis{(3,5-dimethylpyrazol-1-yl)dihydro[3-(pyridin-2-yl)pyrazol-1-yl]borato}iron(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1266-1270.	0.5	0
15	Spin Crossover in a Cobalt Complex on Ag(111). <i>Angewandte Chemie</i> , 0, , .	2.0	0