Mirko Mikolasek

List of Publications by Year
in descending order

16	399	759233 12	940533 16
papers	citations	h-index	g-index

16	16	16	483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lattice dynamics of endotaxial silicide nanowires. Physical Review B, 2020, 102, .	3.2	2
2	Spin crossover in Fe(triazole)â€“Pt nanoparticle self-assembly structured at the sub-5 nm scale. Nanoscale, 2020, 12, 8180-8187.	5.6	9
3	Lattice dynamics and polarization-dependent phonon damping in Î± -phase FeSi2 nanostructures. Physical Review B, 2020, 101, .	3.2	4
4	Molecular Spin Crossover Materials: Review of the Lattice Dynamical Properties. Annalen Der Physik, 2019, 531, 1900076.	2.4	57
5	Drastic lattice softening in mixed triazole ligand iron(<scp>ii</scp>) spin crossover nanoparticles. Chemical Communications, 2019, 55, 4769-4772.	4.1	18
6	Phase Stability of Spin-Crossover Nanoparticles Investigated by Synchrotron MÃ¶ssbauer Spectroscopy and Small-Angle Neutron Scattering. Journal of Physical Chemistry Letters, 2019, 10, 1511-1515.	4.6	7
7	Control of the Phase Stability in Spinâ€Crossover Coreâ€“Shell Nanoparticles through the Elastic Interface Energy. European Journal of Inorganic Chemistry, 2018, 2018, 435-442.	2.0	22
8	Elasticity of Prussianâ€Blueâ€Analogue Nanoparticles. European Journal of Inorganic Chemistry, 2018, 2018, 443-448.	2.0	12
9	Complete Set of Elastic Moduli of a Spin-Crossover Solid: Spin-State Dependence and Mechanical Actuation. Journal of the American Chemical Society, 2018, 140, 8970-8979.	13.7	60
10	Investigation of surface energies in spin crossover nanomaterials: the role of surface relaxations. Physical Chemistry Chemical Physics, 2017, 19, 12276-12281.	2.8	19
11	Unprecedented Size Effect on the Phase Stability of Molecular Thin Films Displaying a Spin Transition. Journal of Physical Chemistry C, 2017, 121, 25617-25621.	3.1	25
12	Raman and nuclear inelastic scattering study of the lattice dynamics of the [Fe(H 2 B(pz) 2) 2 (phen)] spin crossover complex. Chemical Physics Letters, 2016, 653, 131-136.	2.6	18
13	Finite size effects in molecular spin crossover materials. New Journal of Chemistry, 2014, 38, 1834.	2.8	59
14	Non-extensivity of thermodynamics at the nanoscale in molecular spin crossover materials: a balance between surface and volume. Physical Chemistry Chemical Physics, 2014, 16, 7358.	2.8	40
15	Role of surface vibrational properties on cooperative phenomena in spin-crossover nanomaterials. Physical Review B, 2014, 90, .	3.2	18
16	Tuning the spin crossover in nano-objects: From hollow to coreâ€“shell particles. Chemical Physics Letters, 2014, 607, 10-14.	2.6	29