

# Isabelle Maurin

## List of Publications by Year in descending order

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13  
papers

223  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-micrometer particle size effects on metastable phases for a photoswitchable Co <sup>II</sup> /Fe Prussian blue analog. <i>Journal of Applied Physics</i> , 2022, 131, 085110.	2.5	2
2	Stimulus induced strain in spin transition heterostructures. <i>Journal of Applied Physics</i> , 2021, 129, 160903.	2.5	6
3	High-pressure behavior of heteroepitaxial core-shell particles made of Prussian blue analogs. <i>Journal of Applied Physics</i> , 2021, 129, 235106.	2.5	2
4	Monitoring Spin-Crossover Properties by Diffused Reflectivity. <i>Symmetry</i> , 2021, 13, 1148.	2.2	4
5	Silicon Nanowire Solar Cells with $\frac{1}{4}\text{Si:H}$ Absorbers for Radial Junction Devices. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100231.	1.8	1
6	Synthesis of (MgCoNiCuZn)O entropy-stabilized oxides using solution-based routes: influence of composition on phase stability and functional properties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15121-15131.	5.5	9
7	Strain engineering of photo-induced phase transformations in Prussian blue analogue heterostructures. <i>Nanoscale</i> , 2018, 10, 16030-16039.	5.6	16
8	Evidence for Interface-Induced Strain and Its Influence on Photomagnetism in Prussian Blue Analogue Core-Shell Heterostructures, $\text{Rb}_a\text{Co}_b[\text{Fe}(\text{CN})_6]_c \cdot m\text{H}_2\text{O} @ \text{K}_j$ <i>Journal of Physical Chemistry C</i> , 2016, 120, 5420-5429.	3.1	41
9	Photostrictive/Piezomagnetic Core-Shell Particles Based on Prussian Blue Analogues: Evidence for Confinement Effects?. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13186-13195.	3.1	40
10	When local deformations trigger lattice instability: Flow diagram investigations for photoinduced and quenched metastable states in a Prussian blue analog. <i>Physical Review B</i> , 2013, 88, .	3.2	8
11	Metastable state of the photomagnetic Prussian blue analog $\text{K}_0.3\text{Co}[\text{Fe}(\text{CN})_6]_{0.77} \cdot 3.6\text{H}_2\text{O}$ investigated by various techniques. <i>Physical Review B</i> , 2011, 84, .	3.2	23
12	Evidence for complex multistability in photomagnetic cobalt hexacyanoferrates from combined magnetic and synchrotron x-ray diffraction measurements. <i>Physical Review B</i> , 2009, 79, .	3.2	21
13	Synthesis, morphology and compositional evolution of silicon nanowires directly grown on $\text{SnO}_2$ substrates. <i>Nanotechnology</i> , 2008, 19, 485605.	2.6	50