

Alain Lusson

List of Publications by Year in descending order

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14
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#	ARTICLE	IF	CITATIONS
1	Optical Investigation of Broadband White-Light Emission in Self-Assembled Organic-Inorganic Perovskite (C ₆ H ₁₁ NH ₃) ₂ PbBr ₄ . Journal of Physical Chemistry C, 2015, 119, 23638-23647.	3.1	279
2	Broadband Emission in a New Two-Dimensional Cd-Based Hybrid Perovskite. ACS Photonics, 2018, 5, 1599-1611.	6.6	96
3	Interplay between spin-crossover and luminescence in a multifunctional single crystal iron(II) complex: towards a new generation of molecular sensors. Chemical Science, 2019, 10, 6791-6798.	7.4	76
4	Broadband Emission in Hybrid Organic-Inorganic Halides of Group 12 Metals. ACS Omega, 2018, 3, 18791-18802.	3.5	70
5	Control of the white-light emission in the mixed two-dimensional hybrid perovskites (C ₆ H ₁₁ NH ₃) ₂ [PbBr ₄] _x I _{1-x} . Journal of Alloys and Compounds, 2017, 699, 1122-1133.	5.5	47
6	Structural phase transition causing anomalous photoluminescence behavior in perovskite (C ₆ H ₁₁ NH ₃) ₂ [PbI ₄]. Journal of Chemical Physics, 2015, 143, 224201.	3.0	43
7	ZnO nanowires as effective luminescent sensing materials for nitroaromatic derivatives. Nanoscale, 2013, 5, 9176.	5.6	34
8	Characterization of Eu doped ZnO micropods prepared by chemical bath deposition on p-Si substrate. Vacuum, 2022, 198, 110874.	3.5	12
9	On the origin of the enhancement of defect related visible emission in annealed ZnO micropods. Journal of Applied Physics, 2019, 126, .	2.5	11
10	Additive-assisted synthesis and optoelectronic properties of (CH ₃ NH ₃) ₄ BiI ₂ . Inorganic Chemistry Frontiers, 2020, 7, 1564-1572.	6.0	11
11	Efficient Pump Photon Recycling via Gain-Assisted Waveguiding Energy Transfer. ACS Photonics, 2014, 1, 246-253.	6.6	7
12	Identification by deuterium diffusion of a nitrogen-related deep donor preventing the p-type doping of ZnO. Applied Physics Letters, 2021, 118, .	3.3	6
13	Characterization of sol gel Zn _{1-x} CaxO thin layers deposited on p-Si substrate by spin-coating method. Optical Materials, 2020, 110, 110519.	3.6	5
14	Structural, morphological, optical, and electrical studies of Tb-doped ZnO micropods elaborated by chemical bath deposition on a p-Si substrate. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	2