PatrÃ-cia P. Lima

List of Publications by Year
in descending order

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24 papers	3,021 citations	430442 18 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	3574 citing authors

#	Article	IF	Citations
1	Thermometry at the nanoscale. Nanoscale, 2012, 4, 4799.	2.8	1,258
2	A Luminescent Molecular Thermometer for Longâ€Term Absolute Temperature Measurements at the Nanoscale. Advanced Materials, 2010, 22, 4499-4504.	11.1	405
3	Lanthanide-based luminescent molecular thermometers. New Journal of Chemistry, 2011, 35, 1177.	1.4	266
4	Spectroscopic Study of a UV-Photostable Organic-Inorganic Hybrids Incorporating an Eu3+ Î²-Diketonate Complex. ChemPhysChem, 2006, 7, 735-746.	1.0	127
5	Optical Fiber Relative Humidity Sensor Based on a FBG with a Di-Ureasil Coating. Sensors, 2012, 12, 8847-8860.	2.1	105
6	Photoâ€“Click Chemistry to Design Highly Efficient Lanthanide Î²-Diketonate Complexes Stable under UV Irradiation. Chemistry of Materials, 2013, 25, 586-598.	3.2	96
7	Engineering highly efficient Eu(iii)-based tri-ureasil hybrids toward luminescent solar concentrators. Journal of Materials Chemistry A, 2013, 1, 7339.	5.2	95
8	Ratiometric highly sensitive luminescent nanothermometers working in the room temperature range. Applications to heat propagation in nanofluids. Nanoscale, 2013, 5, 7572.	2.8	87
9	Energy Transfer Mechanisms in Organicâ^'Inorganic Hybrids Incorporating Europium(III):â€‰ A Quantitative Assessment by Light Emission Spectroscopy. Journal of Physical Chemistry C, 2007, 111, 17627-17634.	1.5	84
10	White OLED based on a temperature sensitive Eu3+/Tb3+ Î²-diketonate complex. Organic Electronics, 2014, 15, 798-808.	1.4	74
11	Energy Transfer and Emission Quantum Yields of Organicâ^'Inorganic Hybrids Lacking Metal Activator Centers. Journal of Physical Chemistry C, 2007, 111, 3275-3284.	1.5	70
12	Ligand-Assisted Rational Design and Supramolecular Tectonics toward Highly Luminescent Eu³⁺-Containing Organicâ^'Inorganic Hybrids. Chemistry of Materials, 2009, 21, 5099-5111.	3.2	58
13	Thermometry at the nanoscale using lanthanide-containing organicâ€“inorganic hybrid materials. Journal of Luminescence, 2013, 133, 230-232.	1.5	56
14	Photonicâ€onâ€aâ€chip: a thermal actuated Machâ€Zehnder interferometer and a molecular thermometer based on a single diâ€ureasil organicâ€inorganic hybrid. Laser and Photonics Reviews, 2013, 7, 1027-1035.	4.4	49
15	Synthesis and Luminescent Properties of Novel Europium(III) Heterocyclic Î²-Diketone Complexes with Lewis Bases: Structural Analysis Using the Sparkle/AM1 Model. European Journal of Inorganic Chemistry, 2005, 2005, 4129-4137.	1.0	47
16	White OLED using Î²-diketones rare earth binuclear complex as emitting layer. Thin Solid Films, 2006, 494, 23-27.	0.8	39
17	Boosting the Emission Quantum Yield of Urea Cross-Linked Tripodal Poly(oxypropylene)/Siloxane Hybrids Through the Variation of Catalyst Concentration. European Journal of Inorganic Chemistry, 2012, 2012, 5390-5395.	1.0	32
18	Luminescent urea cross-linked tripodal siloxane-based hybrids. Journal of Sol-Gel Science and Technology, 2013, 65, 83-92.	1.1	21

#	Article	IF	Citations
19	Terbium(III)-containing organicâ€“inorganic hybrids synthesized through hydrochloric acid catalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 201, 214-221.	2.0	17
20	Synthesis, Characterization, and Luminescence Properties of Eu3+ 3-Phenyl-4-(4-toluoyl)-5-isoxazolonate Based Organic-Inorganic Hybrids. European Journal of Inorganic Chemistry, 2006, 2006, 3923-3929.	1.0	16
21	Highly stable plastic optical fibre amplifiers containing [Eu(btfa)3(MeOH)(bpeta)]: A luminophore able to drive the synthesis of polyisocyanates. Polymer, 2014, 55, 488-494.	1.8	11
22	1,4-Bis(2,2â€²:6â€²,2â€²â€²-terpyridin-4â€²-yl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3241-o3242.	0.2	5
23	Thermo-optic variable attenuator/waveplate based on waveguides patterned on organic-inorganic hybrids. , 2013, , .		2
24	Role of the reactive atmosphere during the solâ€“gel synthesis on the enhancing of the emission quantum yield of urea cross-linked tripodal siloxane-based hybrids. Journal of Sol-Gel Science and Technology, 2013, 70, 227.	1.1	1