Lanthanide-Activated Phosphors Based on 4f-5d Optica Experimental Aspects

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Citation Report

#	Article	IF	Citations
1	Surface-controlled preparation of EuWO4(OH) nanobelts and their hybrid with Au nanoparticles as a novel enzyme-free sensing platform towards hydrogen peroxide. Chemical Communications, 2017, 53, 5063-5066.	2.2	2
2	Selective Aerobic Oxidation of Methylarenes to Benzaldehydes Catalyzed by Nâ€Hydroxyphthalimide and Cobalt(II) Acetate in Hexafluoropropanâ€2â€ol. Angewandte Chemie - International Edition, 2017, 56, 5912-5915.	7.2	169
3	Selective Aerobic Oxidation of Methylarenes to Benzaldehydes Catalyzed by Nâ€Hydroxyphthalimide and Cobalt(II) Acetate in Hexafluoropropanâ€2â€ol. Angewandte Chemie, 2017, 129, 6006-6009.	1.6	26
4	A 980 nm laser-activated upconverted persistent probe for NIR-to-NIR rechargeable in vivo bioimaging. Nanoscale, 2017, 9, 7276-7283.	2.8	72
5	Tunable Optical Properties and Increased Thermal Quenching in the Blue-Emitting Phosphor Series: Ba₂(Y_{1â€“x}Lu_x)₅B₅O₁₇:Ce³⁺ (x = 0â€“1). Chemistry of Materials, 2017, 29, 5267-5275.	3.2	163
6	Coordination polymer nanoparticles from nucleotide and lanthanide ions as a versatile platform for color-tunable luminescence and integrating Boolean logic operations. Nanoscale, 2017, 9, 9589-9597.	2.8	41
7	Rare-Earth Free Self-Activated Graphene Quantum Dots and Copper-Cysteamine Phosphors for Enhanced White Light-Emitting-Diodes under Single Excitation. Scientific Reports, 2017, 7, 12872.	1.6	44
8	The Effect of Sr²⁺ on Luminescence of Ce³⁺-Doped (Ca,Sr)₂Al₂SiO₇. Inorganic Chemistry, 2017, 56, 12476-12484.	1.9	26
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13	A novel orange-red emitting Ba 2 Ca(BO 3) 2 :Sm 3+ phosphor to fill the amber gap in LEDs: Synthesis, structural and luminescence characterizations. Current Applied Physics, 2017, 17, 1369-1375.	1.1	32
14	Giant Enhancement of Luminescence from Phosphors through Oxygenâ€Vacancyâ€Mediated Chemical Pressure Relaxation. Advanced Optical Materials, 2017, 5, 1700448.	3.6	21
15	Hedgehogâ€Like Upconversion Crystals: Controlled Growth and Molecular Sensing at Singleâ€Particle Level. Advanced Materials, 2017, 29, 1702315.	11.1	38
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17	Upconversion manipulation by local electromagnetic field. Nano Today, 2017, 17, 54-78.	6.2	103
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