Dongxun Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1096128/publications.pdf

Version: 2024-02-01

16	485	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blue LED-pumped intense short-wave infrared luminescence based on Cr3+-Yb3+-co-doped phosphors. Light: Science and Applications, 2022, 11, 136.	16.6	110
2	Broadband Short-Wave Infrared Light-Emitting Diodes Based on Cr³⁺-Doped LiScGeO₄ Phosphor. ACS Applied Materials & Interfaces, 2021, 13, 36011-36019.	8.0	93
3	Long-lasting ultraviolet-A persistent luminescence and photostimulated persistent luminescence in Bi³⁺-doped LiScGeO₄phosphor. Inorganic Chemistry Frontiers, 2020, 7, 3063-3071.	6.0	62
4	Yolkâ€“shell structured Bi₂SiO₅:Yb³⁺,Ln³⁺ (Ln = Er, Ho,) Tj ETQq0 0 0 rgBT /Overlo 2020, 22, 4438-4448.	2.6	31
5	Sunlight-activated long persistent luminescence in the ultraviolet-B spectral region from Bi³⁺-doped garnet phosphors for covert optical tagging. Journal of Materials Chemistry C, 2021, 9, 9692-9701.	5.5	28
6	Spectrally tunable and thermally stable near-infrared luminescence in Na₃Sc₂(PO₄)₃:Cr³⁺ phosphors by Ga³⁺ co-doping for light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 994-1002.	5.5	27
7	Ultraviolet-C persistent luminescence from the Lu₂SiO₅:Pr³⁺ persistent phosphor for solar-blind optical tagging. Dalton Transactions, 2021, 50, 8457-8466.	3.3	26
8	Broadband near-infrared BaMSi₃O₉:Cr³⁺ (M = Zr, Sn, Hf) phosphors for light-emitting diode applications. Inorganic Chemistry Frontiers, 2021, 8, 5186-5194.	6.0	21
9	A red-light-chargeable near infrared MgGeO₃:Mn²⁺,Yb³⁺ persistent phosphor for bioimaging and optical information storage applications. Inorganic Chemistry Frontiers, 2021, 8, 5149-5157.	6.0	18
10	Development of ultraviolet-B long-lived persistent phosphors in Pr³⁺-doped garnets. Journal of Materials Chemistry C, 2021, 9, 14730-14739.	5.5	16
11	Narrowband ultraviolet-B persistent luminescence from (Y,Gd)₃Ga₅O₁₂:Bi³⁺phosphors for optical tagging application. Dalton Transactions, 2021, 50, 15413-15421.	3.3	15
12	Controlled synthesis and photoluminescence properties of Bi₂SiO₅:Eu³⁺ core-shell nanospheres with an intense ⁵D₀â†’⁷F₄ transition. Optical Materials Express, 2021, 11, 355.	3.0	11
13	Controlled synthesis and upconversion luminescence properties of Yb3+/Er3+ co-doped Bi2O3 nanospheres for optical and X-ray computed tomography imaging. Optical Materials, 2020, 102, 109827.	3.6	10
14	Rapid aqueous-phase synthesis of highly stable K_{0.3}Bi_{0.7}F_{2.4} upconversion nanocrystalline particles at low temperature. Inorganic Chemistry Frontiers, 2021, 8, 1039-1048.	6.0	8
15	Nd3+-doped Bi2SiO5 nanospheres for stable ratiometric optical thermometry in the first biological window. Journal of Luminescence, 2021, 234, 117967.	3.1	8
16	Rapid Aqueous-Phase Synthesis and Photoluminescence Properties of K0.3Bi0.7F2.4:Ln3+ (Ln = Eu, Tb, Pr,) Tj ETQq0 0 0 rgBT /Overlock	2.2	1