

Dongxun Chen

List of Publications by Year in descending order

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16
papers

485
citations

840776

11
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996975

15
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16
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrally tunable and thermally stable near-infrared luminescence in Na ₃ Sc ₂ (PO ₄) ₃ :Cr ³⁺ phosphors by Ga ³⁺ co-doping for light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 994-1002.	5.5	27
2	Blue LED-pumped intense short-wave infrared luminescence based on Cr ³⁺ -Yb ³⁺ -co-doped phosphors. <i>Light: Science and Applications</i> , 2022, 11, 136.	16.6	110
3	Rapid Aqueous-Phase Synthesis and Photoluminescence Properties of K _{0.3} Bi _{0.7} F _{2.4} :Ln ³⁺ (Ln = Eu, Tb, Pr). <i>J. Mater. Chem. C</i> , 2021, 9, 14730-14739.	2.2	14
4	Rapid aqueous-phase synthesis of highly stable K _{0.3} Bi _{0.7} F _{2.4} upconversion nanocrystalline particles at low temperature. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1039-1048.	6.0	8
5	Controlled synthesis and photoluminescence properties of Bi ₂ SiO ₅ :Eu ³⁺ core-shell nanospheres with an intense ⁵ D ₀ → ⁷ F ₄ transition. <i>Optical Materials Express</i> , 2021, 11, 355.	3.0	11
6	Development of ultraviolet-B long-lived persistent phosphors in Pr ³⁺ -doped garnets. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14730-14739.	5.5	16
7	Ultraviolet-C persistent luminescence from the Lu ₂ SiO ₅ :Pr ³⁺ persistent phosphor for solar-blind optical tagging. <i>Dalton Transactions</i> , 2021, 50, 8457-8466.	3.3	26
8	Nd ³⁺ -doped Bi ₂ SiO ₅ nanospheres for stable ratiometric optical thermometry in the first biological window. <i>Journal of Luminescence</i> , 2021, 234, 117967.	3.1	8
9	Broadband Short-Wave Infrared Light-Emitting Diodes Based on Cr ³⁺ -Doped LiScGeO ₄ Phosphor. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36011-36019.	8.0	93
10	Sunlight-activated long persistent luminescence in the ultraviolet-B spectral region from Bi ³⁺ -doped garnet phosphors for covert optical tagging. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9692-9701.	5.5	28
11	A red-light-chargeable near infrared MgGeO ₃ :Mn ²⁺ , Yb ³⁺ persistent phosphor for bioimaging and optical information storage applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5149-5157.	6.0	18
12	Broadband near-infrared BaMSi ₃ O ₉ :Cr ³⁺ (M = Zr, Sn, Hf) phosphors for light-emitting diode applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5186-5194.	6.0	21
13	Narrowband ultraviolet-B persistent luminescence from (Y,Gd) ₃ Ga ₅ O ₁₂ :Bi ³⁺ phosphors for optical tagging application. <i>Dalton Transactions</i> , 2021, 50, 15413-15421.	3.3	15
14	Yolk-shell structured Bi ₂ SiO ₅ :Yb ³⁺ , Ln ³⁺ (Ln = Er, Ho). <i>J. Mater. Chem. C</i> , 2020, 22, 4438-4448.	2.6	31
15	Controlled synthesis and upconversion luminescence properties of Yb ³⁺ /Er ³⁺ co-doped Bi ₂ O ₃ nanospheres for optical and X-ray computed tomography imaging. <i>Optical Materials</i> , 2020, 102, 109827.	3.6	10
16	Long-lasting ultraviolet-A persistent luminescence and photostimulated persistent luminescence in Bi ³⁺ -doped LiScGeO ₄ phosphor. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3063-3071.	6.0	62