

Zhenhua Bai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3368815/publications.pdf>

Version: 2024-02-01

21
papers

533
citations

777949

13
h-index

799663

21
g-index

21
all docs

21
docs citations

21
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and physical properties of poly(vinyl alcohol) microfibers fabricated by a microfluidic approach. RSC Advances, 2016, 6, 55343-55353.	1.7	32
2	Synthesis of Er ³⁺ /Yb ³⁺ codoped NaMnF ₃ nanocubes with single-band red upconversion luminescence. RSC Advances, 2014, 4, 61891-61897.	1.7	17
3	Strong white photoluminescence from annealed zeolites. Journal of Luminescence, 2014, 145, 288-291.	1.5	14
4	On-chip development of hydrogel microfibers from round to square/ribbon shape. Journal of Materials Chemistry A, 2014, 2, 4878.	5.2	57
5	The single-band red upconversion luminescence from morphology and size controllable Er ³⁺ /Yb ³⁺ doped MnF ₂ nanostructures. Journal of Materials Chemistry C, 2014, 2, 1736.	2.7	51
6	Near infrared photoluminescence from bismuth-doped nanoporous silica thin films. Journal of Applied Physics, 2013, 114, 033524.	1.1	6
7	Green to red tunable upconversion fluorescence from Bi ³⁺ /Er ³⁺ /Yb ³⁺ codoped zeolites. Microporous and Mesoporous Materials, 2013, 173, 43-46.	2.2	20
8	Fluorescent pH Sensor Based on Ag@SiO ₂ Core-Shell Nanoparticle. ACS Applied Materials & Interfaces, 2013, 5, 5856-5860.	4.0	102
9	Co-existence of Bi with multiple valence states in zeolites – Controlling the optical properties by annealing atmosphere. Optical Materials, 2012, 34, 821-825.	1.7	10
10	Luminescence properties of Bi-doped oxidized porous silicon thin films. Optical Materials, 2012, 34, 1161-1164.	1.7	4
11	Ultrabroad near-infrared photoluminescence from Bi ₅ (AlCl ₄) ₃ crystal. Journal of Materials Chemistry, 2011, 21, 4060.	6.7	63
12	Bismuth-sensitized efficient near-infrared luminescence from ytterbium in zeolites. Journal Physics D: Applied Physics, 2011, 44, 155101.	1.3	6
13	Efficient near-infrared emission from neodymium by broadband sensitization of bismuth in zeolites. Optics Letters, 2011, 36, 1017.	1.7	3
14	Effect of doping concentration on broadband near-infrared emission of Bi doped zeolites. Microporous and Mesoporous Materials, 2011, 145, 21-25.	2.2	3
15	Highly Fluorescent Silica-Coated Bismuth-Doped Aluminosilicate Nanoparticles for Near-Infrared Bioimaging. Small, 2011, 7, 199-203.	5.2	61
16	Efficient near-infrared luminescence and energy transfer in Nd-Bi codoped zeolites. Materials Research Society Symposia Proceedings, 2011, 1342, 41.	0.1	1
17	Efficient ultraviolet-blue to near-infrared downconversion in Bi ³⁺ /Dy ³⁺ /Yb ³⁺ doped zeolites. Journal Physics D: Applied Physics, 2011, 44, 455301.	1.3	18
18	Near-infrared photoluminescence and Raman characterization of bismuth-embedded sodalite nanocrystals. Optics Letters, 2010, 35, 1743.	1.7	17

#	ARTICLE	IF	CITATIONS
19	Efficient near-infrared luminescence and energy transfer in erbium/bismuth codoped zeolites. Optics Letters, 2010, 35, 1926.	1.7	21
20	Highly efficient and air-stable near infrared emission in erbium/bismuth codoped zeolites. Applied Physics Letters, 2009, 94, 141106.	1.5	14
21	Significantly enhanced superbroadband near infrared emission in bismuth/aluminum doped high-silica zeolite derived nanoparticles. Optics Express, 2009, 17, 6239.	1.7	13