Zhenhua Bai

List of Publications by Year
in descending order

21	533	687335 13	713444 21
papers	citations	h-index	g-index

21	21	21	806
all docs	docs citations	times ranked	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.	3.6	32
2	Synthesis of Er³⁺/Yb³⁺codoped NaMnF₃nanocubes with single-band red upconversion luminescence. RSC Advances, 2014, 4, 61891-61897.	3.6	17
3	Strong white photoluminescence from annealed zeolites. Journal of Luminescence, 2014, 145, 288-291.	3.1	14
4	On-chip development of hydrogel microfibers from round to square/ribbon shape. Journal of Materials Chemistry A, 2014, 2, 4878.	10.3	57
5	The single-band red upconversion luminescence from morphology and size controllable Er3+/Yb3+ doped MnF2 nanostructures. Journal of Materials Chemistry C, 2014, 2, 1736.	5.5	51
6	Near infrared photoluminescence from bismuth-doped nanoporous silica thin films. Journal of Applied Physics, 2013, 114, 033524.	2.5	6
7	Green to red tunable upconversion fluorescence from Biâ€“Erâ€“Yb codoped zeolites. Microporous and Mesoporous Materials, 2013, 173, 43-46.	4.4	20
8	Fluorescent pH Sensor Based on Ag@SiO₂ Coreâ€“Shell Nanoparticle. ACS Applied Materials & Interfaces, 2013, 5, 5856-5860.	8.0	102
9	Co-existence of Bi with multiple valence states in zeolites â€“ Controlling the optical properties by annealing atmosphere. Optical Materials, 2012, 34, 821-825.	3.6	10
10	Luminescence properties of Bi-doped oxidized porous silicon thin films. Optical Materials, 2012, 34, 1161-1164.	3.6	4
11	Ultrabroad near-infrared photoluminescence from Bi5(AlCl4)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.	2.8	6
13	Efficient near-infrared emission from neodymium by broadband sensitization of bismuth in zeolites. Optics Letters, 2011, 36, 1017.	3.3	3
14	Effect of doping concentration on broadband near-infrared emission of Bi doped zeolites. Microporous and Mesoporous Materials, 2011, 145, 21-25.	4.4	3
15	Highly Fluorescent Silicaâ€Coated Bismuthâ€Doped Aluminosilicate Nanoparticles for Nearâ€Infrared Bioimaging. Small, 2011, 7, 199-203.	10.0	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 Biâ€“Dyâ€“Yb-doped zeolites. Journal Physics D: Applied Physics, 2011, 44, 455301.	2.8	18
18	Near-infrared photoluminescence and Raman characterization of bismuth-embedded sodalite nanocrystals. Optics Letters, 2010, 35, 1743.	3.3	17

#	Article	IF	Citations
19	Efficient near-infrared luminescence and energy transfer in erbium/bismuth codoped zeolites. Optics Letters, 2010, 35, 1926.	3.3	21
20	Highly efficient and air-stable near infrared emission in erbium/bismuth codoped zeolites. Applied Physics Letters, 2009, 94, 141106.	3.3	14
21	Significantly enhanced superbroadband near infrared emission in bismuth/aluminum doped high-silica zeolite derived nanoparticles. Optics Express, 2009, 17, 6239.	3.4	13