

Sooraj

List of Publications by Year in descending order

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1,026
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361413

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docs citations

61
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved and excitation-emission matrix luminescence behaviour of boro-silicate glasses doped with Eu ³⁺ ions for red luminescent application. Materials Research Bulletin, 2021, 140, 111340.	5.2	7
2	Time-resolved and fluorescence excitation-emission matrix measurements of lanthanide (Gd ³⁺ , Tb ³⁺) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.8	5
3	Amorphous Al-Ti Powders Prepared by Mechanical Alloying and Consolidated by Electrical Resistance Sintering. Metals, 2019, 9, 1140.	2.3	11
4	Polyethylene glycol assisted facile sol-gel synthesis of lanthanum oxide nanoparticles: Structural characterizations and photoluminescence studies. Ceramics International, 2019, 45, 424-431.	4.8	20
5	Influence of calcination on the sol-gel synthesis of lanthanum oxide nanoparticles. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	46
6	Intense infrared, visible up and down emissions in Er ³⁺ /Yb ³⁺ co-doped SrAl ₁₂ O ₁₉ obtained by urea assisted combustion route. Journal of Materials Science: Materials in Electronics, 2018, 29, 16516-16522.	2.2	2
7	Time Resolved Emission Spectra And Electron Paramagnetic Resonance Studies Of Gd ³⁺ Doped Calcium Phosphate Glasses. Advanced Materials Letters, 2016, 7, 277-281.	0.6	3
8	Structural, UV-VIS-NIR Luminescence And Decay Associated Spectral Profiles Of Sm ³⁺ Doped Calcium Phosphate Glass. Advanced Materials Letters, 2016, 7, 702-707.	0.6	0
9	Application of modified Judd-Ofelt theory and the evaluation of radiative properties of Pr ³⁺ -doped lead telluroborate glasses for laser applications. Journal of Non-Crystalline Solids, 2013, 364, 20-27.	3.1	64
10	A multi-sensor dosimeter for brachytherapy based on radioluminescent fiber sensors. Proceedings of SPIE, 2013, , .	0.8	5
11	Treatment of a Large Cystic Lesion in Anterior Maxilla Using Glass Reinforced Hydroxyapatite - A Case Report. Solid State Phenomena, 2013, 207, 97-108.	0.3	2
12	Luminescence and Time-Resolved Emission Spectra of Nd ³⁺ and Er ³⁺ : Silver Zinc Borate Glasses. Solid State Phenomena, 2013, 207, 37-53.	0.3	0
13	Development and Characterization of Lanthanides Doped Hydroxyapatite Composites for Bone Tissue Application. , 2013, , 87-115.		8
14	Calcium Phosphate Ceramics in Periodontal Regeneration. , 2013, , 116-141.		1
15	Current Trends on Glass and Ceramic Materials. , 2013, , .		1
16	Effects of thickness and atmospheric annealing on structural, electrical and optical properties of GZO thin films by spray pyrolysis. Journal of Alloys and Compounds, 2012, 541, 495-504.	5.5	67
17	Structural studies of lithium boro tellurite glasses doped with praseodymium and samarium oxides. Materials Research Bulletin, 2012, 47, 3489-3494.	5.2	39
18	Development and Characterization of Ag ₂ O-Doped ZnLB Glasses and Biological Assessment of Ag ₂ O-Hydroxyapatite Composites. Journal of the American Ceramic Society, 2012, 95, 2732-2740.	3.8	10

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19	Structural studies of lead lithium borate glasses doped with silver oxide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 392-398.	3.9	68
20	Structural and time resolved emission spectra of Er ³⁺ : Silver lead borate glass. Chemical Physics Letters, 2011, 512, 70-75.	2.6	9
21	Luminescence and decay trends for NIR transition (4I _{13/2} →4I _{5/2}) at 1.51 μ m in Er ³⁺ -doped LBT glasses. Optical Materials, 2011, 33, 1167-1173.	3.6	29
22	Physical characterization studies on silver oxide doped PbO- Li ₂ O - B ₂ O ₃ glasses. , 2011, , .		0
23	Lasing transition (4F _{3/2} →4I _{11/2}) at 1.061 μ m in neodymium oxide doped lithium boro tellurite glass. Physica B: Condensed Matter, 2010, 405, 4696-4701.	2.7	34
24	Physical and Optical Characterization of Er ³⁺ /Doped Lead-Zinc-Borate Glass. Journal of Nanoscience and Nanotechnology, 2009, 9, 3555-3561.	0.9	6
25	Absorption and Emission Analysis of RE ³⁺ (Sm ³⁺ and Tm ³⁺) Doped Lead-Zinc-Borate Glasses. Journal of Nanotechnology, 2009, 9, 3672-3677.	0.9	67
26	Assessment of the osteoblastic cell response to a zinc glass reinforced hydroxyapatite composite (Zn-GRHA). International Journal of Nano and Biomaterials, 2009, 2, 100.	0.1	0
27	Bone ingrowth in macroporous Bonelike [®] for orthopaedic applications. Acta Biomaterialia, 2008, 4, 370-377.	8.3	34
28	3-D biomodelling technology for maxillofacial reconstruction. Materials Science and Engineering C, 2008, 28, 1347-1351.	7.3	24
29	Jaw avascular osteonecrosis after treatment of multiple myeloma with zoledronate. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2008, 61, 99-106.	1.0	16
30	Opening wedge high tibial osteotomy using 3D biomodelling Bonelike [®] macroporous structures: case report. Journal of Materials Science: Materials in Medicine, 2007, 18, 2377-2382.	3.6	25
31	Absorption and emission properties of Ho ³⁺ doped lead-zinc borate glasses. Thin Solid Films, 2006, 515, 318-325.	1.8	37
32	Titanium dental implants coated with Bonelike [®] : Clinical case report. Thin Solid Films, 2006, 515, 279-284.	1.8	16
33	Assessment of Bonelike [®] graft with a resorbable matrix using an animal model. Thin Solid Films, 2006, 515, 362-367.	1.8	13
34	Histological and scanning electron microscopy analyses of bone/implant interface using the novel Bonelike [®] synthetic bone graft. Journal of Orthopaedic Research, 2006, 24, 953-958.	2.3	21
35	Assessment of the Potential of Bonelike [®] Graft for Bone Regeneration by Using an Animal Model. Key Engineering Materials, 2005, 284-286, 877-880.	0.4	9
36	Biological Behaviour of Bonelike [®] Graft Implanted in the Tibia of Humans. Key Engineering Materials, 2005, 284-286, 1041-1044.	0.4	13

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37	A comparative study of CaO-P ₂ O ₅ -SiO ₂ gels prepared by a sol-gel method. Materials Chemistry and Physics, 2004, 88, 5-8.	4.0	23
38	Absorption and emission spectral studies of Sm ³⁺ and Dy ³⁺ doped alkali fluoroborate glasses. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 77, 149-163.	2.3	67
39	Spectral analysis of Ho ³⁺ : TeO ₂ -B ₂ O ₃ -Li ₂ O glass. Materials Letters, 2003, 57, 2071-2080.	2.6	26
40	LUMINESCENCE PROPERTIES OF Eu ³⁺ -DOPED ZnO-B ₂ O ₃ -SiO ₂ GLASSES. Spectroscopy Letters, 2002, 35, 275-283.	1.0	15
41	Luminescence properties of Tb ³⁺ doped PbO-Bi ₂ O ₃ -GeO ₂ glasses. Materials Letters, 2002, 52, 429-434.	2.6	8
42	Luminescence properties of Tb ³⁺ -doped PbO-Bi ₂ O ₃ -GeO ₂ glasses. Materials Letters, 2002, 53, 25-29.	2.6	10
43	Spectral properties of Eu ³⁺ :B ₂ O ₃ -AlF ₃ -RF glasses. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 75, 507-516.	2.3	8
44	Photoluminescence spectra of Sm ³⁺ :PbO-Bi ₂ O ₃ -GeO ₂ glasses. Journal of Materials Science Letters, 2002, 21, 397-399.	0.5	10
45	Emission properties of Tb ³⁺ -doped zinc boro-silicate glasses. Materials Letters, 2001, 48, 303-308.	2.6	25
46	Luminescence spectra of Eu ³⁺ -doped GeO ₂ -PbO-Bi ₂ O ₃ glasses. Materials Research Bulletin, 2001, 36, 1813-1821.	5.2	29
47	Luminescence properties of Nd ³⁺ : TeO ₂ -B ₂ O ₃ -P ₂ O ₅ -Li ₂ O glass. Infrared Physics and Technology, 2000, 41, 247-258.	2.9	35
48	Absorption spectrum - energy level structure parameters of Ho ³⁺ :LiTaO ₃ crystal. Ferroelectrics, Letters Section, 1999, 26, 61-64.	1.0	1
49	Spectra of Sm ³⁺ and Dy ³⁺ : B ₂ O ₃ -P ₂ O ₅ -R ₂ SO ₄ Glasses. Materials Research Bulletin, 1998, 33, 149-159.	5.2	28
50	Fluorescence Spectra of Tb ³⁺ : Ln ₂ O ₃ Powder Phosphors. Spectroscopy Letters, 1997, 30, 819-824.	1.0	8
51	Spectral properties of Eu ³⁺ : B ₂ O ₃ -P ₂ O ₅ -R ₂ SO ₄ glasses. Materials Letters, 1997, 33, 201-206.	2.6	6
52	Fluorescence spectral properties of Sm ³⁺ and Dy ³⁺ -doped laser liquids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1997, 53, 761-763.	3.9	4
53	Spectroscopic properties of Nd ³⁺ & Eu ³⁺ ions in heavy metal fluoride (ZrF ₄ & InF ₃) glasses. Ferroelectrics, Letters Section, 1996, 21, 111-125.	1.0	4
54	Application of Glass Reinforced Hydroxyapatite Composite in the Treatment of Human Intrabony Periodontal Angular Defects - Two Case Reports. Solid State Phenomena, 0, 161, 93-101.	0.3	5

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55	Guided Bone Regeneration Using Glass-Reinforced Hydroxyapatite and Collagen Membrane in the Treatment of Peri-Implantitis. Solid State Phenomena, 0, 207, 109-119.	0.3	1
56	Biological Behaviour of Bonelike [®] Graft Implanted in the Tibia of Humans. Key Engineering Materials, 0, , 1041-1044.	0.4	1