

Fabio Aparecido Ferri

List of Publications by Year in descending order

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29
papers

260
citations

932766

10
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940134

16
g-index

29
all docs

29
docs citations

29
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable plasmon resonance modes on gold nanoparticles in Er ³⁺ -doped germanium-tellurite glass. <i>Journal of Non-Crystalline Solids</i> , 2013, 378, 126-134.	1.5	42
2	Metal-induced nanocrystalline structures in Ni-containing amorphous silicon thin films. <i>Journal of Applied Physics</i> , 2006, 100, 094311.	1.1	26
3	White light generation via up-conversion and blue tone in Er ³⁺ /Tm ³⁺ /Yb ³⁺ -doped zinc-tellurite glasses. <i>Optical Materials</i> , 2017, 67, 25-31.	1.7	24
4	Ionic conductivity and mixed-ion effect in mixed alkali metaphosphate glasses. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6594-6600.	1.3	20
5	Influence of film thickness on the optical transmission through subwavelength single slits in metallic thin films. <i>Applied Optics</i> , 2011, 50, G11.	2.1	18
6	Grain size and interfacial interdiffusion influence on the magnetic and dielectric properties of magnetoelectric La _{0.7} Ba _{0.3} MnO ₃ /BaTiO ₃ composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 407, 160-166.	1.0	15
7	High red emission intensity of Eu:Y ₂ O ₃ films grown on Si(1 0 0)/Si(1 1 1) by electron beam evaporation. <i>Journal of Luminescence</i> , 2014, 148, 186-191.	1.5	14
8	Development of the MnSi _{1.7} phase in Mn-containing Si films. <i>Materials Chemistry and Physics</i> , 2011, 129, 148-153.	2.0	12
9	Crystallization, stress, and stress-relieve due to nickel in amorphous silicon thin films. <i>Journal of Applied Physics</i> , 2007, 102, .	1.1	11
10	Focusing surface plasmons on Er ³⁺ ions through gold planar plasmonic lenses. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 1037-1041.	1.1	11
11	Structural, optical and morphological characterization of amorphous Ge _{100-x} Mn _x films deposited by sputtering. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 035005.	1.3	10
12	Influence of film thickness on the crystallization of Ni-doped amorphous silicon samples. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	8
13	Effect of Mn concentration and atomic structure on the magnetic properties of Ge thin films. <i>Journal of Applied Physics</i> , 2010, 108, 113922.	1.1	7
14	Evidence of magnetic vortices formation in Mn-based sub-micrometre structures embedded in Si/Mn films. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 132002.	1.3	6
15	Optical gain medium for plasmonic devices. , 2013, , .		6
16	Luminescence enhancement of Er ³⁺ ions from electric multipole nanostructure arrays. , 2012, , .		4
17	Structural, morphological, and magnetic characterization of In _{1-x} Mn _x As quantum dots grown by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2012, 112, 034317.	1.1	4
18	Low-temperature metal-induced crystallization of Mn-containing amorphous Ge thin films. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 58-60.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Focusing surface plasmons on Er ³⁺ ions with convex/concave plasmonic lenses. , 2012, , .		4
20	High near-infrared emission intensity of Er ³⁺ -doped zirconium oxide films on a Si(100) substrate. , 2013, , .		3
21	Quantum-plasmonic interaction: emission enhancement of Er ³⁺ - Tm ³⁺ -co-doped tellurite glass via tuning nanobowtie. , 2013, , .		3
22	Surface plasmon propagation in novel multilayered metallic thin films. , 2012, , .		2
23	Suitable Er ³⁺ -doped tellurite glass-based plasmonic structures for nanophotonic device applications. Optical Engineering, 2018, 57, 1.	0.5	2
24	Demonstration of multiple quantum interference and Fano resonance realization in far-field from plasmonic nanostructure in Er ³⁺ -doped tellurite glass. Scientific Reports, 2022, 12, 5015.	1.6	2
25	Integrated plasmonic Moiré cavity in photonic crystal cavity for luminescence enhancement. , 2012, , .		1
26	The composition, structure and optical properties of weakly magnetic Co-containing amorphous Si and Ge films. Materials Chemistry and Physics, 2012, 134, 153-157.	2.0	1
27	Integrated hybrid plasmonic cavity with in-plane photon-plasmon coupling for luminescence enhancement. , 2012, , .		0
28	Ordering ferromagnetic In _{1-x} Mn _x As quantum dots. , 2013, , .		0
29	Effect of V-shape on the light transmission of subwavelength slits in metallic thin films. Proceedings of SPIE, 2013, , .	0.8	0