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List of Publications by Year
in descending order

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26 papers	665 citations	567281 15 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	840 citing authors

#	Article	IF	Citations
1	Structural, electrical, and electromagnetic properties of cotton fabrics coated with polyaniline and polypyrrole. Journal of Applied Polymer Science, 2009, 114, 2003-2010.	2.6	93
2	Mechanical properties and biocompatibility of the sputtered Ti doped hydroxyapatite. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 63, 314-325.	3.1	59
3	Electromagnetic and electrical properties of coated cotton fabric with barium ferrite doped polyaniline film. Journal of Applied Polymer Science, 2009, 113, 358-366.	2.6	53
4	Microstructural, thermal and mechanical properties of HVOF sprayed Niâ€“Al-based bond coatings on stainless steel substrate. Journal of Materials Processing Technology, 2008, 204, 221-230.	6.3	52
5	Effect of the deposition temperature on corrosion resistance and biocompatibility of the hydroxyapatite coatings. Applied Surface Science, 2015, 354, 373-379.	6.1	47
6	Mechanical properties and fractal analysis of the surface texture of sputtered hydroxyapatite coatings. Applied Surface Science, 2016, 379, 338-346.	6.1	45
7	A new one-dimensional photonic crystal combination of TiO2/CuO for structural color applications. Ceramics International, 2019, 45, 21333-21340.	4.8	39
8	Enhancement of the mechanical properties of hydroxyapatite by SiC addition. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 40, 362-368.	3.1	34
9	Bioactivity and corrosion properties of magnesium-substituted CaP coatings produced via electrochemical deposition. Surface and Coatings Technology, 2016, 301, 29-35.	4.8	31
10	ITO films on glass substrate by solâ€“gel technique: synthesis, characterization and optical properties. Journal of Sol-Gel Science and Technology, 2009, 50, 337-347.	2.4	29
11	The corrosion and bioactivity behavior of SiC doped hydroxyapatite for dental applications. Ceramics International, 2014, 40, 15881-15887.	4.8	27
12	SiO2/TiO2 one-dimensional photonic crystals doped with Sm and Ce rare-earth elements for enhanced structural colors. Applied Surface Science, 2019, 475, 94-101.	6.1	27
13	Comparison of the effect of non-metal and rare-earth element doping on structural and optical properties of CuO/TiO2 one-dimensional photonic crystals. Journal of Alloys and Compounds, 2020, 817, 153262.	5.5	22
14	Modification of the sedimentation method for PMMA photonic crystal coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 194-201.	4.7	16
15	Biodegradable Ceramics Consisting of Hydroxyapatite for Orthopaedic Implants. Coatings, 2017, 7, 184.	2.6	15
16	Effect of SiC interlayer between Ti6Al4V alloy and hydroxyapatite films. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 307-318.	1.8	13
17	Synthesis and characterization of semiconductor tin oxide thin films on glass substrate by solâ€“gel technique. Journal of Sol-Gel Science and Technology, 2009, 51, 32-41.	2.4	10
18	Investigation of Spectral Interactions between a SrAl2O4:Eu2+, Dy3+ Phosphor and Nano-Scale TiO2. Journal of Fluorescence, 2020, 30, 839-847.	2.5	10

#	Article	IF	Citations
19	Enhancing optical properties of Lu3Al5O12:Ce3+ by cost-effective silica-based photonic crystals. Journal of Materials Science: Materials in Electronics, 2020, 31, 10267-10278.	2.2	9
20	Structurally colored silica photonic crystal coatings modified by Ce or Eu rare-earth dopants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125138.	4.7	8
21	Manipulation of brightness and decay kinetics of LuAG: Ce3+ and YAG: Ce3+ by simple metal oxides in polymeric matrices. Optics and Laser Technology, 2021, 142, 107226.	4.6	7
22	Tribological Properties of Electric Arcâ€“Sprayed CuSn Coating for Bearing Elements. Tribology Transactions, 2009, 52, 389-394.	2.0	6
23	Synergistic effect of manganese and nitrogen codoping on photocatalytic properties of titania nanoparticles. Bulletin of Materials Science, 2020, 43, 1.	1.7	5
24	Comparison of Sm3+ and Tb3+ dopant effects on the silica-based three-dimensional inverse opal photonic crystal coatings. Journal of Materials Science: Materials in Electronics, 2021, 32, 7815-7826.	2.2	4
25	Synthesis of NiCrAl/MgOâ€“ZrO2 cermet powders by chemical method for functionally graded coatings. Journal of Materials Processing Technology, 2009, 209, 695-699.	6.3	2
26	Characterization of Buffer Layers on Ni-based Substrates for YBCO Superconductors. Canadian Metallurgical Quarterly, 2010, 49, 81-89.	1.2	2