

List of Publications by Year in descending order

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papers

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567281

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26
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840
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Sm ³⁺ and Tb ³⁺ dopant effects on the silica-based three-dimensional inverse opal photonic crystal coatings. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 7815-7826.	2.2	4
2	Manipulation of brightness and decay kinetics of LuAG: Ce ³⁺ and YAG: Ce ³⁺ by simple metal oxides in polymeric matrices. <i>Optics and Laser Technology</i> , 2021, 142, 107226.	4.6	7
3	Comparison of the effect of non-metal and rare-earth element doping on structural and optical properties of CuO/TiO ₂ one-dimensional photonic crystals. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153262.	5.5	22
4	Enhancing optical properties of Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ by cost-effective silica-based photonic crystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10267-10278.	2.2	9
5	Structurally colored silica photonic crystal coatings modified by Ce or Eu rare-earth dopants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125138.	4.7	8
6	Synergistic effect of manganese and nitrogen codoping on photocatalytic properties of titania nanoparticles. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	5
7	Investigation of Spectral Interactions between a SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ Phosphor and Nano-Scale TiO ₂ . <i>Journal of Fluorescence</i> , 2020, 30, 839-847.	2.5	10
8	A new one-dimensional photonic crystal combination of TiO ₂ /CuO for structural color applications. <i>Ceramics International</i> , 2019, 45, 21333-21340.	4.8	39
9	Modification of the sedimentation method for PMMA photonic crystal coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 194-201.	4.7	16
10	SiO ₂ /TiO ₂ one-dimensional photonic crystals doped with Sm and Ce rare-earth elements for enhanced structural colors. <i>Applied Surface Science</i> , 2019, 475, 94-101.	6.1	27
11	Biodegradable Ceramics Consisting of Hydroxyapatite for Orthopaedic Implants. <i>Coatings</i> , 2017, 7, 184.	2.6	15
12	Mechanical properties and fractal analysis of the surface texture of sputtered hydroxyapatite coatings. <i>Applied Surface Science</i> , 2016, 379, 338-346.	6.1	45
13	Mechanical properties and biocompatibility of the sputtered Ti doped hydroxyapatite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 63, 314-325.	3.1	59
14	Bioactivity and corrosion properties of magnesium-substituted CaP coatings produced via electrochemical deposition. <i>Surface and Coatings Technology</i> , 2016, 301, 29-35.	4.8	31
15	Effect of the deposition temperature on corrosion resistance and biocompatibility of the hydroxyapatite coatings. <i>Applied Surface Science</i> , 2015, 354, 373-379.	6.1	47
16	Effect of SiC interlayer between Ti6Al4V alloy and hydroxyapatite films. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 307-318.	1.8	13
17	Enhancement of the mechanical properties of hydroxyapatite by SiC addition. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 40, 362-368.	3.1	34
18	The corrosion and bioactivity behavior of SiC doped hydroxyapatite for dental applications. <i>Ceramics International</i> , 2014, 40, 15881-15887.	4.8	27

#	ARTICLE	IF	CITATIONS
19	Characterization of Buffer Layers on Ni-based Substrates for YBCO Superconductors. Canadian Metallurgical Quarterly, 2010, 49, 81-89.	1.2	2
20	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
21	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
22	ITO films on glass substrate by sol-gel technique: synthesis, characterization and optical properties. Journal of Sol-Gel Science and Technology, 2009, 50, 337-347.	2.4	29
23	Synthesis and characterization of semiconductor tin oxide thin films on glass substrate by sol-gel technique. Journal of Sol-Gel Science and Technology, 2009, 51, 32-41.	2.4	10
24	Synthesis of NiCrAl/MgO-ZrO ₂ cermet powders by chemical method for functionally graded coatings. Journal of Materials Processing Technology, 2009, 209, 695-699.	6.3	2
25	Tribological Properties of Electric Arc-Sprayed CuSn Coating for Bearing Elements. Tribology Transactions, 2009, 52, 389-394.	2.0	6
26	Microstructural, thermal and mechanical properties of HVOF sprayed Ni-Al-based bond coatings on stainless steel substrate. Journal of Materials Processing Technology, 2008, 204, 221-230.	6.3	52