

Vasilica Tucureanu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

707
citations

8
h-index

26
g-index

45
ext. papers

918
ext. citations

3.3
avg, IF

4.4
L-index

#	Paper	IF	Citations
31	FTIR Spectroscopy for Carbon Family Study. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 502-20	5.2	419
30	Synthesis and characterization of ZnO/polymer nanocomposites. <i>International Journal of Material Forming</i> , 2008 , 1, 767-770	2	95
29	Isocyanate functionalized graphene/P3HT based nanocomposites. <i>Applied Surface Science</i> , 2013 , 276, 458-467	6.7	32
28	Synthesis and characterization of YAG:Ce,Gd and YAG:Ce,Gd/PMMA nanocomposites for optoelectronic applications. <i>Journal of Materials Science</i> , 2015 , 50, 1883-1890	4.3	31
27	Detection of Circulating Tumor Cells Using Microfluidics. <i>ACS Combinatorial Science</i> , 2018 , 20, 107-126	3.9	28
26	Antibacterial efficiency of cellulose-based fibers covered with ZnO and Al ₂ O ₃ by Atomic Layer Deposition. <i>Applied Surface Science</i> , 2019 , 481, 1287-1298	6.7	20
25	Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method. <i>MRS Communications</i> , 2017 , 7, 721-727	2.7	10
24	Enhanced optical properties of YAG:Ce yellow phosphor by modification with gold nanoparticles. <i>Ceramics International</i> , 2019 , 45, 7641-7648	5.1	9
23	Characterization of self-assembled monolayers (SAMs) on silicon substrate comparative with polymer substrate for Escherichia coli O157:H7 detection. <i>Applied Surface Science</i> , 2009 , 255, 8953-8959	6.7	8
22	Ce, Gd codoped YAG nanopowder for white light emitting device. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8836-40	1.3	8
21	Tunable dielectric properties in polyacrylonitrile/multiwall carbon nanotube composites. <i>Polymer Composites</i> , 2017 , 38, 1741-1748	3	6
20	Performance of single layer graphene obtain by chemical vapor deposition on gold electrodes. <i>Diamond and Related Materials</i> , 2019 , 98, 107510	3.5	6
19	Gold Nanoparticle Uptake by Tumour Cells of B16 Mouse Melanoma. <i>Plasmonics</i> , 2012 , 7, 717-724	2.4	5
18	Polymer nanocomposites materials for aerospace applications 2019 ,		4
17	Effect of process parameters on YAG:Ce phosphor properties obtained by co-precipitation method. <i>Ceramics International</i> , 2020 , 46, 23802-23812	5.1	4
16	The effect of the polymeric matrix on the emission properties of YAG-based phosphors. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156136	5.7	3
15	Investigation of graphene on quartz substrate 2019 ,		2

14	Influence of Cu dopant on the morpho-structural and optical properties ZnO nanoparticles. <i>Ceramics International</i> , 2019 , 45, 10826-10833	5.1	2
13	Superficial and Inner Examination of a Microwave-Irradiated Dental Acrylic Resin and Its Metal-Polymer Interface. <i>Microscopy and Microanalysis</i> , 2018 , 24, 49-59	0.5	2
12	Formation of Transparent Nanoporous Titanium Oxide Films on Glass Substrates Using an Anodization Process. <i>Journal of Nano Research</i> , 2012 , 16, 113-118	1	2
11	Modified solid-state process for yellow yttrium aluminum garnet synthesis 2019 ,		1
10	Study of piezoelectric filler on the properties of PZT-PVDF composites 2017 ,		1
9	Characterization of magnetic nanoparticles functionalized with albumin for biological applications 2009 ,		1
8	2009 ,		1
7	Self assembled monolayer of ethanthiol on gold surfaces by Quartz Crystal Microbalance 2009 ,		1
6	Synthesis and Characterization of Nanoporous TiO ₂ Films on Silicon Substrates for Solar Cells Applications. <i>ECS Transactions</i> , 2009 , 25, 57-63	1	1
5	Embedding of yttrium based phosphors into polymeric matrix 2018 ,		1
4	Optimized Technologies for Cointegration of MOS Transistor and Glucose Oxidase Enzyme on a Si-Wafer.. <i>Biosensors</i> , 2021 , 11,	5.9	1
3	PREPARATION AND CHARACTERIZATION OF HYBRID NANOCOMPOSITES FILMS. <i>Environmental Engineering and Management Journal</i> , 2011 , 10, 1277-1281	0.6	
2	Influence of the Polymeric Matrix Type on the Optical Properties of YAG:Ce,Gd Phosphor. <i>Proceedings (mdpi)</i> , 2019 , 29, 3	0.3	
1	Multifunctional Protective Coatings of RE-ZnO Nanocomposite Deposited on Metallic Alloys. <i>Proceedings (mdpi)</i> , 2019 , 29, 7	0.3	