

Vasilica Tucureanu

List of Publications by Year in Descending Order

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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 | Optimized Technologies for Cointegration of MOS Transistor and Glucose Oxidase Enzyme on a Si-Wafer.. <i>Biosensors</i> , 2021 , 11, | 5.9 | 1 |
| 30 | 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 |
| 29 | 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 |
| 28 | Modified solid-state process for yellow yttrium aluminum garnet synthesis 2019 , | | 1 |
| 27 | Polymer nanocomposites materials for aerospace applications 2019 , | | 4 |
| 26 | Investigation of graphene on quartz substrate 2019 , | | 2 |
| 25 | 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 |
| 24 | Influence of Cu dopant on the morpho-structural and optical properties ZnO nanoparticles. <i>Ceramics International</i> , 2019 , 45, 10826-10833 | 5.1 | 2 |
| 23 | 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 |
| 22 | Influence of the Polymeric Matrix Type on the Optical Properties of YAG:Ce,Gd Phosphor. <i>Proceedings (mdpi)</i> , 2019 , 29, 3 | 0.3 | |
| 21 | Multifunctional Protective Coatings of RE-ZnO Nanocomposite Deposited on Metallic Alloys. <i>Proceedings (mdpi)</i> , 2019 , 29, 7 | 0.3 | |
| 20 | Enhanced optical properties of YAG:Ce yellow phosphor by modification with gold nanoparticles. <i>Ceramics International</i> , 2019 , 45, 7641-7648 | 5.1 | 9 |
| 19 | 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 |
| 18 | Detection of Circulating Tumor Cells Using Microfluidics. <i>ACS Combinatorial Science</i> , 2018 , 20, 107-126 | 3.9 | 28 |
| 17 | Embedding of yttrium based phosphors into polymeric matrix 2018 , | | 1 |
| 16 | Tunable dielectric properties in polyacrylonitrile/multiwall carbon nanotube composites. <i>Polymer Composites</i> , 2017 , 38, 1741-1748 | 3 | 6 |
| 15 | 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 |

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|----|--|-----|-----|
| 14 | Study of piezoelectric filler on the properties of PZT-PVDF composites 2017 , | | 1 |
| 13 | FTIR Spectroscopy for Carbon Family Study. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 502-20 | 5.2 | 419 |
| 12 | 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 |
| 11 | Isocyanate functionalized graphene/P3HT based nanocomposites. <i>Applied Surface Science</i> , 2013 , 276, 458-467 | 6.7 | 32 |
| 10 | Gold Nanoparticle Uptake by Tumour Cells of B16 Mouse Melanoma. <i>Plasmonics</i> , 2012 , 7, 717-724 | 2.4 | 5 |
| 9 | 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 |
| 8 | Ce, Gd codoped YAG nanopowder for white light emitting device. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8836-40 | 1.3 | 8 |
| 7 | PREPARATION AND CHARACTERIZATION OF HYBRID NANOCOMPOSITES FILMS. <i>Environmental Engineering and Management Journal</i> , 2011 , 10, 1277-1281 | 0.6 | |
| 6 | Characterization of magnetic nanoparticles functionalized with albumin for biological applications 2009 , | | 1 |
| 5 | 2009 , | | 1 |
| 4 | Self assembled monolayer of ethanthiol on gold surfaces by Quartz Crystal Microbalance 2009 , | | 1 |
| 3 | 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 |
| 2 | 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 |
| 1 | Synthesis and characterization of ZnO [polymer nanocomposites. <i>International Journal of Material Forming</i> , 2008 , 1, 767-770 | 2 | 95 |