

Jelena Trajic

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.

47
papers

336
citations

10
h-index

16
g-index

47
ext. papers

383
ext. citations

3.1
avg, IF

2.68
L-index

#	Paper	IF	Citations
47	Mechanochemical Preparation, Characterization and Biological Activity of Stable CuS Nanosuspension Capped by Bovine Serum Albumin.. <i>Frontiers in Chemistry</i> , 2022 , 10, 836795	5	0
46	Phonons investigation of ZnO@ZnS core-shell nanostructures with active layer. <i>Journal of Raman Spectroscopy</i> , 2021 , 52, 616-625	2.3	2
45	Plasmon Phonon interaction in ZnSnSb ₂ -Mn semiconductors. <i>Infrared Physics and Technology</i> , 2020 , 108, 103345	2.7	
44	Surface optical phonon (SOP) mode in ZnS/Poly (methylmethacrylate) nanocomposites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020 , 115, 113708	3	1
43	Far infrared spectra of Si doped PbTe single crystals. <i>Optical Materials</i> , 2019 , 91, 195-198	3.3	
42	Far-infrared study of the mechanochemically synthesized Cu ₂ FeSn ₄ (stannite) nanocrystals. <i>Infrared Physics and Technology</i> , 2018 , 90, 66-69	2.7	1
41	Surface optical phonon Plasmon interaction in nanodimensional CdTe thin films. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018 , 104, 64-70	3	9
40	Structural properties of Eu ³⁺ doped Gd ₂ Zr ₂ O ₇ nanopowders: Far-infrared spectroscopy. <i>Optical Materials</i> , 2018 , 75, 662-665	3.3	7
39	Optical properties of the mechanochemically synthesized Cu ₂ FeSn ₄ (stannite) nanocrystals: Raman study. <i>Optical Materials</i> , 2018 , 75, 314-318	3.3	7
38	Photoluminescence spectroscopy of CdSe nanoparticles embedded in transparent glass. <i>Optical and Quantum Electronics</i> , 2018 , 50, 1	2.4	2
37	Raman spectroscopy and electron-phonon coupling in Eu ³⁺ doped Gd ₂ Zr ₂ O ₇ nanopowders. <i>Optical Materials</i> , 2017 , 73, 541-544	3.3	4
36	Optical properties of CuSe thin films - band gap determination. <i>Science of Sintering</i> , 2017 , 49, 167-174	0.7	10
35	Kinetics of Solid-State Synthesis of Quaternary Cu ₂ FeSn ₄ (Stannite) Nanocrystals for Solar Energy Applications. <i>Acta Physica Polonica A</i> , 2017 , 131, 1153-1155	0.6	8
34	Defects in Cd _{1-x} MnxGeAs ₂ lattice. <i>Journal of Alloys and Compounds</i> , 2016 , 688, 56-61	5.7	4
33	Far-infrared spectra of mesoporous ZnS nanoparticles. <i>Optical Materials</i> , 2016 , 57, 225-230	3.3	3
32	Structural and optical properties of CuSe ₂ nanocrystals formed in thin solid CuSe film. <i>Infrared Physics and Technology</i> , 2016 , 76, 276-284	2.7	11
31	Far-infrared spectra of dysprosium doped yttrium aluminum garnet nanopowder. <i>Infrared Physics and Technology</i> , 2016 , 77, 226-229	2.7	8

30	Raman spectroscopy of ZnS quantum dots. <i>Journal of Alloys and Compounds</i> , 2015 , 637, 401-406	5.7	41
29	Far-infrared spectroscopy of Zn _{1-x} MnxGeAs ₂ single crystals: Plasma damping influence on plasmon-Phonon interaction. <i>Journal of Alloys and Compounds</i> , 2015 , 649, 375-379	5.7	6
28	Raman spectroscopy of optical properties in CdS thin films. <i>Science of Sintering</i> , 2015 , 47, 145-152	0.7	23
27	Far-infrared spectroscopy of CdTe 1-x Se x (In): Phonon properties. <i>Infrared Physics and Technology</i> , 2014 , 67, 323-326	2.7	5
26	Far-infrared investigations of the surface modes in CdS thin films. <i>Physica Scripta</i> , 2014 , T162, 014031	2.6	3
25	Galvanomagnetic and optical properties of chromium doped PbTe. <i>Journal of Alloys and Compounds</i> , 2014 , 602, 300-305	5.7	6
24	Optical properties of CdTe/ZnTe self-assembled quantum dots: Raman and photoluminescence spectroscopy. <i>Journal of Alloys and Compounds</i> , 2013 , 579, 330-335	5.7	11
23	Optical properties and plasmon-Phonon coupling in ZnGeAs ₂ +Mn. <i>Journal of Alloys and Compounds</i> , 2013 , 548, 33-37	5.7	7
22	Optical properties of CdS thin films. <i>Optical Materials</i> , 2013 , 35, 1112-1117	3.3	29
21	Surface optical phonons in ZnO(Co) nanoparticles: Raman study. <i>Journal of Alloys and Compounds</i> , 2012 , 540, 49-56	5.7	20
20	Spectroscopy characterization of MnSe nanoclusters randomly distributed in HgMnTe single crystal. <i>Journal of Crystal Growth</i> , 2012 , 338, 75-79	1.6	2
19	Far-infrared study of impurity local modes in Co-doped PbTe. <i>Journal of Alloys and Compounds</i> , 2010 , 493, 41-46	5.7	8
18	INFRARED AND RAMAN SPECTROSCOPY STUDY OF ANTIMONY DOPED BARIUM TITANATE PREPARED FROM ORGANOMETALLIC COMPLEX. <i>International Journal of Modern Physics B</i> , 2010 , 24, 676-681	1.1	1
17	Optical Properties of Plastically Deformed Copper. <i>Acta Physica Polonica A</i> , 2010 , 117, 791-793	0.6	2
16	Photoluminescence Spectroscopy of CdTe/ZnTe Self-Assembled Quantum Dots. <i>International Journal of Photoenergy</i> , 2009 , 2009, 1-4	2.1	
15	Optical and Magnetic Properties of PbTe(Ni). <i>Acta Physica Polonica A</i> , 2009 , 115, 805-807	0.6	4
14	Raman Spectroscopy of Multiphonon Emission Process in Ni-Doped PbTe. <i>Acta Physica Polonica A</i> , 2009 , 116, 91-92	0.6	5
13	Ellipsometric Measurements of Plastically Deformed Copper. <i>Acta Physica Polonica A</i> , 2009 , 116, 715-717	0.6	6

12	Plasmon: Two phonon interaction in PbMnTe and PbTeS alloys. <i>Journal of the Serbian Chemical Society</i> , 2008 , 73, 369-376	0.9	3
11	Plasmon-phonon and plasmon-two different phonon interaction in Pb _{1-x} MnxTe mixed crystals. <i>Materials Research Bulletin</i> , 2007 , 42, 2192-2201	5.1	14
10	Far-infrared phonon spectroscopy of Pb _{1-x} MnxTe layers grown by molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2007 , 438, 34-40	5.7	1
9	Far-infrared study of impurity local modes in Ni-doped PbTe. <i>Journal of Alloys and Compounds</i> , 2007 , 442, 324-327	5.7	22
8	Pb _{1-x} MnxTe and PbTe _{1-x} Sx compounds and their optical properties. <i>Journal of the Serbian Chemical Society</i> , 2007 , 72, 55-62	0.9	10
7	Investigation of photoconductivity in n-type Gallium doped PbTe. <i>Science of Sintering</i> , 2007 , 39, 169-175	0.7	
6	Far-Infrared Study of DX-Like Centers in Pb _{0.95} Mn _{0.05} Te(Ga). <i>Acta Physica Polonica A</i> , 2007 , 112, 959-962	2.6	
5	Raman spectroscopy of PbTe _{1-x} Sx alloys. <i>Journal of Alloys and Compounds</i> , 2005 , 387, 24-31	5.7	9
4	Raman spectra of Pb _{1-x} MnxTe alloys. <i>Journal of Alloys and Compounds</i> , 2005 , 402, 36-41	5.7	12
3	Plasmon-two phonon interaction in PbTe _{0.95} S _{0.05} alloy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004 , 1, 2832-2835		1
2	Optical properties of PbTe:Mn. <i>Journal of Alloys and Compounds</i> , 2004 , 365, 89-93	5.7	12
1	Vibrational properties of the mechanochemically synthesized Cu ₂ SnS ₃ : Raman study. <i>Journal of Raman Spectroscopy</i> ,	2.3	2