

# Jelena Trajic

## 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.

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	Raman spectroscopy of ZnS quantum dots. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 637, 401-406	5.7	41
46	Optical properties of CdS thin films. <i>Optical Materials</i> , <b>2013</b> , 35, 1112-1117	3.3	29
45	Raman spectroscopy of optical properties in CdS thin films. <i>Science of Sintering</i> , <b>2015</b> , 47, 145-152	0.7	23
44	Far-infrared study of impurity local modes in Ni-doped PbTe. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 442, 324-327	5.7	22
43	Surface optical phonons in ZnO(Co) nanoparticles: Raman study. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 540, 49-56	5.7	20
42	Plasmon-phonon and plasmon-phonon interaction in Pb <sub>1-x</sub> MnxTe mixed crystals. <i>Materials Research Bulletin</i> , <b>2007</b> , 42, 2192-2201	5.1	14
41	Raman spectra of Pb <sub>1-x</sub> MnxTe alloys. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 402, 36-41	5.7	12
40	Optical properties of PbTe:Mn. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 365, 89-93	5.7	12
39	Structural and optical properties of CuSe 2 nanocrystals formed in thin solid CuSe film. <i>Infrared Physics and Technology</i> , <b>2016</b> , 76, 276-284	2.7	11
38	Optical properties of CdTe/ZnTe self-assembled quantum dots: Raman and photoluminescence spectroscopy. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 579, 330-335	5.7	11
37	Optical properties of CuSe thin films - band gap determination. <i>Science of Sintering</i> , <b>2017</b> , 49, 167-174	0.7	10
36	Pb <sub>1-x</sub> MnxTe and PbTe <sub>1-x</sub> Sx compounds and their optical properties. <i>Journal of the Serbian Chemical Society</i> , <b>2007</b> , 72, 55-62	0.9	10
35	Surface optical phonon-Plasmon interaction in nanodimensional CdTe thin films. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2018</b> , 104, 64-70	3	9
34	Raman spectroscopy of PbTe <sub>1-x</sub> Sx alloys. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 387, 24-31	5.7	9
33	Far-infrared study of impurity local modes in Co-doped PbTe. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 493, 41-46	5.7	8
32	Kinetics of Solid-State Synthesis of Quaternary Cu <sub>2</sub> FeSnS <sub>4</sub> (Stannite) Nanocrystals for Solar Energy Applications. <i>Acta Physica Polonica A</i> , <b>2017</b> , 131, 1153-1155	0.6	8
31	Far-infrared spectra of dysprosium doped yttrium aluminum garnet nanopowder. <i>Infrared Physics and Technology</i> , <b>2016</b> , 77, 226-229	2.7	8

30	Optical properties and plasmon $\Gamma$ two different phonons coupling in ZnGeAs <sub>2</sub> +Mn. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 548, 33-37	5.7	7
29	Structural properties of Eu <sup>3+</sup> doped Gd <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> nanopowders: Far-infrared spectroscopy. <i>Optical Materials</i> , <b>2018</b> , 75, 662-665	3.3	7
28	Optical properties of the mechanochemically synthesized Cu <sub>2</sub> FeSnS <sub>4</sub> (stannite) nanocrystals: Raman study. <i>Optical Materials</i> , <b>2018</b> , 75, 314-318	3.3	7
27	Galvanomagnetic and optical properties of chromium doped PbTe. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 602, 300-305	5.7	6
26	Far-infrared spectroscopy of Zn <sub>1-x</sub> MnxGeAs <sub>2</sub> single crystals: Plasma damping influence on plasmon $\Gamma$ Phonon interaction. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 649, 375-379	5.7	6
25	Far-infrared spectroscopy of CdTe 1 $\times$ Se x (In): Phonon properties. <i>Infrared Physics and Technology</i> , <b>2014</b> , 67, 323-326	2.7	5
24	Raman Spectroscopy of Multiphonon Emission Process in Ni-Doped PbTe. <i>Acta Physica Polonica A</i> , <b>2009</b> , 116, 91-92	0.6	5
23	Defects in Cd <sub>1-x</sub> MnxGeAs <sub>2</sub> lattice. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 688, 56-61	5.7	4
22	Raman spectroscopy and electron-phonon coupling in Eu <sup>3+</sup> doped Gd <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> nanopowders. <i>Optical Materials</i> , <b>2017</b> , 73, 541-544	3.3	4
21	Optical and Magnetic Properties of PbTe(Ni). <i>Acta Physica Polonica A</i> , <b>2009</b> , 115, 805-807	0.6	4
20	Far-infrared spectra of mesoporous ZnS nanoparticles. <i>Optical Materials</i> , <b>2016</b> , 57, 225-230	3.3	3
19	Far-infrared investigations of the surface modes in CdS thin films. <i>Physica Scripta</i> , <b>2014</b> , T162, 014031	2.6	3
18	Plasmon: Two phonon interaction in PbMnTe and PbTeS alloys. <i>Journal of the Serbian Chemical Society</i> , <b>2008</b> , 73, 369-376	0.9	3
17	Spectroscopy characterization of MnSe nanoclusters randomly distributed in HgMnTe single crystal. <i>Journal of Crystal Growth</i> , <b>2012</b> , 338, 75-79	1.6	2
16	Vibrational properties of the mechanochemically synthesized Cu <sub>2</sub> SnS <sub>3</sub> : Raman study. <i>Journal of Raman Spectroscopy</i> ,	2.3	2
15	Optical Properties of Plastically Deformed Copper. <i>Acta Physica Polonica A</i> , <b>2010</b> , 117, 791-793	0.6	2
14	Photoluminescence spectroscopy of CdSe nanoparticles embedded in transparent glass. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1	2.4	2
13	Phonons investigation of ZnO@ZnS core-shell nanostructures with active layer. <i>Journal of Raman Spectroscopy</i> , <b>2021</b> , 52, 616-625	2.3	2

12	Far-infrared study of the mechanochemically synthesized Cu <sub>2</sub> FeSnS <sub>4</sub> (stannite) nanocrystals. <i>Infrared Physics and Technology</i> , <b>2018</b> , 90, 66-69	2.7	1
11	INFRARED AND RAMAN SPECTROSCOPY STUDY OF ANTIMONY DOPED BARIUM TITANATE PREPARED FROM ORGANOMETALLIC COMPLEX. <i>International Journal of Modern Physics B</i> , <b>2010</b> , 24, 676-681	1.1	1
10	Far-infrared phonon spectroscopy of Pb <sub>1-x</sub> MnxTe layers grown by molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 438, 34-40	5.7	1
9	Plasmon-two phonon interaction in PbTe <sub>0.95</sub> Sb <sub>0.05</sub> alloy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2004</b> , 1, 2832-2835		1
8	Surface optical phonon (SOP) mode in ZnS/Poly (methylmethacrylate) nanocomposites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2020</b> , 115, 113708	3	1
7	Mechanochemical Preparation, Characterization and Biological Activity of Stable CuS Nanosuspension Capped by Bovine Serum Albumin.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 836795	5	0
6	Far infrared spectra of Si doped PbTe single crystals. <i>Optical Materials</i> , <b>2019</b> , 91, 195-198	3.3	
5	Plasmon-Phonon interaction in ZnSnSb <sub>2</sub> -Mn semiconductors. <i>Infrared Physics and Technology</i> , <b>2020</b> , 108, 103345	2.7	
4	Photoluminescence Spectroscopy of CdTe/ZnTe Self-Assembled Quantum Dots. <i>International Journal of Photoenergy</i> , <b>2009</b> , 2009, 1-4	2.1	
3	Investigation of photoconductivity in n-type Gallium doped PbTe. <i>Science of Sintering</i> , <b>2007</b> , 39, 169-175	0.7	
2	Far-Infrared Study of DX-Like Centers in Pb <sub>0.95</sub> Mn <sub>0.05</sub> Te(Ga). <i>Acta Physica Polonica A</i> , <b>2007</b> , 112, 959-962	6	
1	Ellipsometric Measurements of Plastically Deformed Copper. <i>Acta Physica Polonica A</i> , <b>2009</b> , 116, 715-717	6	