

Zlatan Å oÅ;kiÄ

List of Publications by Year in descending order

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29
papers

137
citations

1307594

7
h-index

1281871

11
g-index

30
all docs

30
docs citations

30
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of photoacoustic effect in media with thermal memory. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	25
2	Photothermal Thermoelastic Bending for Media with Thermal Memory. <i>International Journal of Thermophysics</i> , 2012, 33, 2203-2209.	2.1	18
3	Analysis of photothermal response of thin solid films by analogy with passive linear electric networks. <i>Thermal Science</i> , 2009, 13, 129-142.	1.1	15
4	An extension to the methodology for characterization of thermal properties of thin solid samples by photoacoustic techniques. <i>International Journal of Thermal Sciences</i> , 2016, 109, 217-230.	4.9	14
5	Thermal memory influence on the thermoconducting component of indirect photoacoustic response. <i>Physica Scripta</i> , 2012, T149, 014018.	2.5	10
6	Production cost model of the multi-jet-fusion technology. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 1917-1929.	2.1	8
7	Electron paramagnetic resonance studies of $Zn_{1-x}Mn_xTe$. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 1261-1268.	1.8	7
8	Magnetic susceptibility studies of $Zn_{1-x}Fe_xSe$ and $Zn_{1-x}Fe_xS$. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 195, 76-80.	2.3	7
9	On the applicability of the effective medium approximation to the photoacoustic response of multilayered structures. <i>Physica Scripta</i> , 2012, T149, 014066.	2.5	5
10	Fatigue response of additively manufactured Maraging Stainless Steel CX and effects of heat treatment and surface finishing. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 482-499.	3.4	5
11	Cluster method analysis of the EPR line in $Zn_{1-x}Mn_xTe$. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 2071-2073.	2.3	3
12	Magnetic susceptibility of $Hg_{1-x}Fe_xSe$. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 175, 311-318.	2.3	3
13	Static component of photothermal response in non-transparent samples. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2012, 25, 213-224.	0.9	3
14	Influence of the Fe^{2+} ion triple clusters on the magnetic susceptibility of Fe-based diluted magnetic semiconductors. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 236, 331-338.	2.3	2
15	Photoacoustic response of thin films: Thermal memory influence. <i>Hemjska Industrija</i> , 2013, 67, 139-146.	0.7	2
16	High temperature EPR linewidth in $Hg_{1-x}Mn_xSe$. <i>Solid State Communications</i> , 1992, 83, 809-812.	1.9	1
17	Influence of the Mn^{2+} Ion Cluster Formation on the EPR Spectrum of $Zn_{1-x}Mn_xTe$. <i>Journal of Magnetic Resonance Series A</i> , 1996, 119, 165-170.	1.6	1
18	High temperature magnetic susceptibility of $Hg_{1-x}Fe_xSe$. <i>Solid State Communications</i> , 1997, 102, 583-588.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Noise Protection of an Automobile Scrapyard with Car Crushers – A Case Study. Applied Mechanics and Materials, 2015, 801, 71-76.	0.2	1
20	A combination of frequency photoacoustic and photoacoustic spectroscopy techniques for measurement of optical and thermal properties of macromolecular nanostructures. Optical and Quantum Electronics, 2016, 48, 1.	3.3	1
21	EXPERIMENTAL CHARACTERIZATION OF A PHOTO-ACOLUSTIC MEASUREMENT SYSTEM. Facta Universitatis Series Working and Living Environmental Protection, 0, , 053.	0.0	1
22	Extension of the frequency range for experimental determination of dispersion relationship of flexural waves in beams by correlation method. IMK-14 - Istrazivanje I Razvoj, 2020, 26, 95-107.	0.0	1
23	Development of Methodologies and Means for Noise Protection of Urban Areas – Project Results. Springer Proceedings in Physics, 2021, , 117-130.	0.2	1
24	Assessing the influence of DMLS production process factors on fatigue resistance of Maraging steel MS1 in the finite life domain using ANN prediction abilities. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2022, 236, 1793-1805.	1.1	1
25	On the Range of Exchange Interaction in Fe-Type Diluted Magnetic Semiconductors. Solid State Phenomena, 1998, 61-62, 201-206.	0.3	0
26	Photothermal characterization of polymer-based three-layer nanoelectronic structures. , 2008, , .		0
27	Influence of Heavy Data Transmission Losses on Spectra of Signals. Applied Mechanics and Materials, 2013, 430, 125-134.	0.2	0
28	Calculation of Noise Field in an Urban Area close to a Traffic Overpass-Case Study. Applied Mechanics and Materials, 0, 801, 60-65.	0.2	0
29	Analysis of the Measurement System and Optimization of the Measurement Procedure for Detection of Thermal Memory Effects by Photoacoustic Experiments. International Journal of Thermophysics, 2017, 38, 1.	2.1	0