

Zlatan Å oÅ;kiÄ

List of Publications by Year in descending order

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29
papers

137
citations

1307594

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1281871

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all docs

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docs citations

30
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Assessing the influence of DMLS production process factors on fatigue resistance of Maraging steel MS1 in the finite life domain using ANN prediction abilities. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2022, 236, 1793-1805.	1.1	1
3	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
4	Development of Methodologies and Means for Noise Protection of Urban Areas – Project Results. <i>Springer Proceedings in Physics</i> , 2021, , 117-130.	0.2	1
5	Extension of the frequency range for experimental determination of dispersion relationship of flexural waves in beams by correlation method. <i>IMK-14 - Istrazivanje I Razvoj</i> , 2020, 26, 95-107.	0.0	1
6	Analysis of the Measurement System and Optimization of the Measurement Procedure for Detection of Thermal Memory Effects by Photoacoustic Experiments. <i>International Journal of Thermophysics</i> , 2017, 38, 1.	2.1	0
7	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
8	A combination of frequency photoacoustic and photoacoustic spectroscopy techniques for measurement of optical and thermal properties of macromolecular nanostructures. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	1
9	Noise Protection of an Automobile Scrapyard with Car Crushers – A Case Study. <i>Applied Mechanics and Materials</i> , 2015, 801, 71-76.	0.2	1
10	Theory of photoacoustic effect in media with thermal memory. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	25
11	Influence of Heavy Data Transmission Losses on Spectra of Signals. <i>Applied Mechanics and Materials</i> , 2013, 430, 125-134.	0.2	0
12	Photoacoustic response of thin films: Thermal memory influence. <i>Hemijaska Industrija</i> , 2013, 67, 139-146.	0.7	2
13	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
14	Photothermal Thermoelastic Bending for Media with Thermal Memory. <i>International Journal of Thermophysics</i> , 2012, 33, 2203-2209.	2.1	18
15	Thermal memory influence on the thermoconducting component of indirect photoacoustic response. <i>Physica Scripta</i> , 2012, T149, 014018.	2.5	10
16	Static component of photothermal response in non-transparent samples. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2012, 25, 213-224.	0.9	3
17	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
18	Photothermal characterization of polymer-based three-layer nanoelectronic structures. , 2008, , .		0

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19	Influence of the Fe ²⁺ ion triple clusters on the magnetic susceptibility of Fe-based diluted magnetic semiconductors. Journal of Magnetism and Magnetic Materials, 2001, 236, 331-338.	2.3	2
20	Magnetic susceptibility studies of Zn _{1-x} FexSe and Zn _{1-x} FexS. Journal of Magnetism and Magnetic Materials, 1999, 195, 76-80.	2.3	7
21	On the Range of Exchange Interaction in Fe-Type Diluted Magnetic Semiconductors. Solid State Phenomena, 1998, 61-62, 201-206.	0.3	0
22	Magnetic susceptibility of Hg _{1-x} FexSe. Journal of Magnetism and Magnetic Materials, 1997, 175, 311-318.	2.3	3
23	High temperature magnetic susceptibility of Hg _{1-x} Fe _x Se. Solid State Communications, 1997, 102, 583-588.	1.9	1
24	Influence of the Mn ²⁺ -ion Cluster Formation on the EPR Spectrum of Zn _{1-x} MnxTe. Journal of Magnetic Resonance Series A, 1996, 119, 165-170.	1.6	1
25	Cluster method analysis of the EPR line in Zn _{1-x} Mn _x Te. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 2071-2073.	2.3	3
26	Electron paramagnetic resonance studies of Zn _{1-x} MnxTe. Journal of Physics Condensed Matter, 1994, 6, 1261-1268.	1.8	7
27	High temperature EPR linewidth in Hg _{1-x} MnxSe. Solid State Communications, 1992, 83, 809-812.	1.9	1
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	EXPERIMENTAL CHARACTERIZATION OF A PHOTO-ACOUSTIC MEASUREMENT SYSTEM. Facta Universitatis Series Working and Living Environmental Protection, 0, , 053.	0.0	1