

Jan Sermeus

List of Publications by Year in descending order

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9
papers

119
citations

1478505
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all docs

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docs citations

9
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of elastic properties in austenite and martensite of Ni-Mn-Ga epitaxial films. <i>Acta Materialia</i> , 2018, 145, 298-305.	7.9	37
2	Determination of thermoelastic material properties by differential heterodyne detection of impulsive stimulated thermal scattering. <i>Photoacoustics</i> , 2015, 3, 64-77.	7.8	25
3	Determination of elastic and thermal properties of a thin nanocrystalline diamond coating using all-optical methods. <i>Thin Solid Films</i> , 2015, 590, 284-292.	1.8	18
4	Texture in steel plates revealed by laser ultrasonic surface acoustic waves velocity dispersion analysis. <i>Ultrasonics</i> , 2017, 78, 30-39.	3.9	14
5	Study of Thermophysical Properties of Silver Nanofluids by ISS-HD, Hot Ball and IPPE Techniques. <i>International Journal of Thermophysics</i> , 2015, 36, 3211-3221.	2.1	10
6	Thermoelastic Model for Impulsive Stimulated Scattering Monitoring the Evolution from Capillary to Rayleigh Type Wave Propagation on the Surface of Viscoelastic Materials Throughout the Glass Transition. <i>International Journal of Thermophysics</i> , 2012, 33, 2145-2158.	2.1	8
7	Remote Thermoelastic Characterization of Candidate Structural and Protective Coatings for Lead-Bismuth Eutectic Cooled Nuclear Reactors. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 915.	2.5	4
8	Critical thinking in electricity and magnetism: assessing and stimulating secondary school students. <i>International Journal of Science Education</i> , 2021, 43, 2597-2617.	1.9	2
9	The Effectiveness of Teaching Energy in a Secondary School Using the "Factory of Ideas" Teaching Approach. <i>African Journal of Research in Mathematics, Science and Technology Education</i> , 2021, 25, 27-37.	1.0	1