

Christine M Steenkamp

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

88
citations

1684188
5
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1372567
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13
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docs citations

13
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysing assessments in introductory physics using semantic gravity: refocussing on core concepts and context-dependence. <i>Teaching in Higher Education</i> , 2021, 26, 871-886.	2.6	3
2	Matrix effect impact on measuring hardness of metals bombarded by accelerated ions using laser induced breakdown spectroscopy. <i>Journal of Laser Applications</i> , 2020, 32, .	1.7	10
3	Counter-intuitive strength of electric field induced second harmonic (EFISH) signals at the rear side of thin silicon membranes. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, A228.	2.1	3
4	Probing ultrafast reaction mechanisms of photo-excited dithizone through transient absorption spectroscopy and computational CASSCF studies. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, A356.	2.1	2
5	Interband and free charge carrier absorption in silicon at 800 nm: experiments and model calculations. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	5
6	Free charge carrier absorption in silicon at 800Ånm. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	5
7	Faster learning algorithm convergence utilizing a combined time-frequency representation as basis. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
8	Time-dependent electric field induced second harmonic signal at the Si/SiO ₂ interface.. , 2012, , .		0
9	First comparison of electric field induced second harmonic of near-infrared femtosecond laser pulses in reflection and transmission generated from Si/SiO ₂ interfaces of a silicon membrane. <i>Applied Physics B: Lasers and Optics</i> , 2011, 104, 735-740.	2.2	6
10	ACCURATE LABORATORY WAVELENGTHS OF THE $\lambda_{3-1}^{\text{H}} \lambda_{\text{H}}^{\text{H}} (\lambda_{\text{H}}^2 = 5) \lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ BAND OF $^{12}\text{C}^{16}\text{O}$. <i>Astrophysical Journal Letters</i> , 2010, 714, L268-L270.	8.3	3
11	A portable fibre-probe ultraviolet light emitting diode (LED)-induced fluorescence detection system. <i>Measurement Science and Technology</i> , 2008, 19, 025601.	2.6	26
12	Investigation of four carbon monoxide isotopomers in natural abundance by laser-induced fluorescence in a supersonic jet. <i>Journal of Molecular Spectroscopy</i> , 2007, 243, 124-133.	1.2	12
13	Accurate Laboratory Wavelengths of the $A^1 \Pi (\lambda_{\text{H}}^2 = 0) \lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ $\lambda_{\text{H}}^{\text{H}}$ Vibronic Bands of $^{12}\text{C}^{17}\text{O}$ and $^{12}\text{C}^{18}\text{O}$. <i>Astrophysical Journal, Supplement Series</i> , 2006, 165, 432-437.	7.7	13