

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
10
g-index

13
all docs

13
docs citations

13
times ranked

82
citing authors

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