

Claire Elliott

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

171
citations

1163117

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all docs

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docs citations

20
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Class of Blue-Emitting Materials for LED Applications: TriarylamineN-Functionalised 2,7-Linked Carbazole Polymers. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1155-1160.	3.9	36
2	A systematic investigation of the thermoelectric stability of Pt-Rh thermocouples between 1300 Å°C and 1500 Å°C. <i>Metrologia</i> , 2018, 55, 558-567.	1.2	17
3	Fe eutectic fixed-point cells for contact thermometry: an investigation and comparison. <i>Metrologia</i> , 2012, 49, 88-94.	1.2	14
4	Charge control in InP/(Ga,In)P single quantum dots embedded in Schottky diodes. <i>Physical Review B</i> , 2011, 84, .	3.2	13
5	Investigation of Pd-C cells to improve thermocouple calibration. <i>Metrologia</i> , 2011, 48, 375-381.	1.2	13
6	Relating Composition and Thermoelectric Stability of Pt-Rh Alloy Thermocouples. <i>International Journal of Thermophysics</i> , 2017, 38, 1.	2.1	13
7	Compatibility of Materials for Use at High Temperatures with W-Re Thermocouples. <i>International Journal of Thermophysics</i> , 2014, 35, 1202-1214.	2.1	8
8	High temperature exposure of <i>in-situ</i> thermocouple fixed-point cells: stability with up to three months of continuous use. <i>Metrologia</i> , 2015, 52, 267-271.	1.2	8
9	Integrated self-validating thermocouples with a reference temperature up to 1329 Å°C. <i>Measurement Science and Technology</i> , 2018, 29, 105002.	2.6	8
10	Miniature Fixed-Point Cell Approaches for <i>In Situ</i> Monitoring of Thermocouple Stability. <i>International Journal of Thermophysics</i> , 2014, 35, 1223-1238.	2.1	7
11	Long-Term Monitoring of Thermocouple Stability with Miniature Fixed-Point Cells. <i>International Journal of Thermophysics</i> , 2014, 35, 560-573.	2.1	6
12	A pan-European investigation of the Pt-40%Rh/Pt-20%Rh (Landau-Jewell) thermocouple reference function. <i>Measurement Science and Technology</i> , 2015, 26, 015101.	2.6	5
13	New temperature references and sensors for the next generation of nuclear power plants. , 2013, , .		4
14	Performance of Pt-C, Cr ₇ C ₃ -Cr ₃ C ₂ , Cr ₃ C ₂ -Cr ₃ C ₂ -C, and Ru-C Fixed Points for Thermocouple Calibrations Above 1600 Å°C. <i>International Journal of Thermophysics</i> , 2014, 35, 547-559.	2.1	4
15	Growth of low density InP/GaN quantum dots. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012061.	0.4	3
16	MetroFission: New high-temperature references and sensors for the nuclear industry. , 2013, , .		3
17	A Slimline Integrated Self-Validating Thermocouple: Initial Results. <i>International Journal of Thermophysics</i> , 2017, 38, 1.	2.1	3
18	Optimization of low density InP/GaN quantum dots for single-dot studies. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012093.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Reliability of High-Temperature Fixed-Point Installations over 8 Years. International Journal of Thermophysics, 2017, 38, 1.	2.1	2
20	Establishment of the Co-C Eutectic Fixed-Point Cell for Thermocouple Calibrations at NIMT. International Journal of Thermophysics, 2017, 38, 1.	2.1	2