

George Seidel

List of Publications by Year in descending order

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39
papers

577
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623734

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all docs

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docs citations

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times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallic Magnetic Calorimeters for Particle Detection. Journal of Low Temperature Physics, 2000, 121, 137-176.	1.4	83
2	Detection of solar neutrinos in superfluid helium. Physical Review Letters, 1987, 58, 2498-2501.	7.8	77
3	Magnetic Levitation of liquid helium. Journal of Low Temperature Physics, 1997, 106, 101-131.	1.4	37
4	Experiments with single electrons in liquid helium. Physical Review B, 2009, 79, .	3.2	33
5	Low Temperature Properties of Erbium In Gold. Journal of Low Temperature Physics, 2000, 118, 7-21.	1.4	27
6	Effect of an electric field on superfluid helium scintillation produced by $\mu\pm$ -particle sources. Physical Review A, 2012, 85, .	2.5	25
7	Magnetic levitation of condensed hydrogen. Review of Scientific Instruments, 1991, 62, 3022-3024.	1.3	21
8	Scintillation of liquid helium for low-energy nuclear recoils. Physical Review C, 2013, 88, .	2.9	21
9	Shape Oscillations in Levitated He II Drops. Journal of Low Temperature Physics, 1998, 113, 491-499.	1.4	20
10	Study of Exotic Ions in Superfluid Helium and the Possible Fission of the Electron Wave Function. Journal of Low Temperature Physics, 2015, 178, 78-117.	1.4	18
11	Fabrication of Metallic Magnetic Calorimeter X-ray Detector Arrays. Journal of Low Temperature Physics, 2008, 151, 357-362.	1.4	17
12	Magnetically Coupled Microcalorimeters. Journal of Low Temperature Physics, 2012, 167, 254-268.	1.4	17
13	Removal of superfluid helium films from surfaces below 0.1 K. Review of Scientific Instruments, 1992, 63, 230-234.	1.3	16
14	Metallic Magnetic Calorimeters for X-Ray Spectroscopy. IEEE Transactions on Applied Superconductivity, 2009, 19, 63-68.	1.7	15
15	Oscillations of Charged Helium II Drops. Journal of Low Temperature Physics, 1998, 110, 173-178.	1.4	14
16	Magnetic calorimeters for high resolution x-ray spectroscopy. Review of Scientific Instruments, 2003, 74, 3947-3954.	1.3	14
17	An apparatus for studying electrical breakdown in liquid helium at 0.4 K and testing electrode materials for the neutron electric dipole moment experiment at the Spallation Neutron Source. Review of Scientific Instruments, 2016, 87, 045113.	1.3	14
18	The second virial coefficient of ^3He gas below 1.3 K. Journal of Chemical Physics, 1985, 83, 3621-3625.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation of Exotic Negative Ions in Superfluid Helium. Journal of Low Temperature Physics, 2013, 171, 178-186.	1.4	13
20	Charge distribution about an ionizing electron track in liquid helium. Physical Review C, 2014, 89, .	2.9	12
21	Coalescence of Levitated He II Drops. Journal of Low Temperature Physics, 2000, 121, 627-632.	1.4	9
22	Properties of Superconducting Rhenium as an Absorber for Magnetic Calorimeters. Journal of Low Temperature Physics, 2008, 151, 436-442.	1.4	8
23	Nucleation of Bubbles by Electrons in Liquid Helium-4. Journal of Low Temperature Physics, 2018, 192, 48-64.	1.4	8
24	Effect of an electric field on liquid helium scintillation produced by fast electrons. Physical Review C, 2020, 102, .	2.9	8
25	A study of DC electrical breakdown in liquid helium through analysis of the empirical breakdown field distributions. Journal of Applied Physics, 2021, 129, .	2.5	7
26	Theory of the Small Amplitude Shape Oscillations of a Helium-II Drop. Journal of Low Temperature Physics, 1999, 114, 523-545.	1.4	6
27	Electrical Breakdown in Helium Cells at Low Temperature. Physical Review Letters, 2006, 97, 015301.	7.8	6
28	Low Temperature Magnetic Calorimeters For Neutrino Mass Direct Measurement. AIP Conference Proceedings, 2009, , .	0.4	6
29	THE HERON PROJECT. , 2002, , .		4
30	Thermodynamic model of magnetic calorimeters. , 2002, , .		2
31	Study of Positive Helium Ions in Superfluid Helium-4. Journal of Low Temperature Physics, 2020, 201, 114-121.	1.4	2
32	Magnetic levitation of liquid helium. European Physical Journal D, 1996, 46, 373-374.	0.4	1
33	Charge Transport in Liquid Helium at Low Temperatures. AIP Conference Proceedings, 2006, , .	0.4	1
34	Measurement of Electron-Phonon Interactions in a Gold Film on a Quartz Substrate. AIP Conference Proceedings, 2006, , .	0.4	1
35	Experimental Investigation of Mobility Changes of Negative Ions in Superfluid Helium due to Photo-excitation. Journal of Low Temperature Physics, 2014, 175, 70-77.	1.4	1
36	Study of paramagnetic ions in metals for use in cryogenic particle detection. European Physical Journal D, 1996, 46, 2889-2890.	0.4	0

#	ARTICLE	IF	CITATIONS
37	The suitability of sapphire for large-area calorimeters: The transfer of energy to gold films. , 2002, , .		0
38	Metallic magnetic microcalorimeters: Energy dispersive X-ray detectors with high spectral resolving power. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 2824-2827.	0.8	0
39	Investigation of the Fast Negative Ion in Superfluid Helium-4. Journal of Low Temperature Physics, 2020, 201, 122-127.	1.4	0