

# George Seidel

## List of Publications by Year in descending order

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39  
papers

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citations

623734

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642732

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39  
all docs

39  
docs citations

39  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Investigation of the Fast Negative Ion in Superfluid Helium-4. Journal of Low Temperature Physics, 2020, 201, 122-127.	1.4	0
3	Study of Positive Helium Ions in Superfluid Helium-4. Journal of Low Temperature Physics, 2020, 201, 114-121.	1.4	2
4	Effect of an electric field on liquid helium scintillation produced by fast electrons. Physical Review C, 2020, 102, .	2.9	8
5	Nucleation of Bubbles by Electrons in Liquid Helium-4. Journal of Low Temperature Physics, 2018, 192, 48-64.	1.4	8
6	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
7	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
8	Charge distribution about an ionizing electron track in liquid helium. Physical Review C, 2014, 89, .	2.9	12
9	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
10	Experimental Investigation of Exotic Negative Ions in Superfluid Helium. Journal of Low Temperature Physics, 2013, 171, 178-186.	1.4	13
11	Scintillation of liquid helium for low-energy nuclear recoils. Physical Review C, 2013, 88, .	2.9	21
12	Effect of an electric field on superfluid helium scintillation produced by $\mu\pm$ -particle sources. Physical Review A, 2012, 85, .	2.5	25
13	Magnetically Coupled Microcalorimeters. Journal of Low Temperature Physics, 2012, 167, 254-268.	1.4	17
14	Metallic Magnetic Calorimeters for X-Ray Spectroscopy. IEEE Transactions on Applied Superconductivity, 2009, 19, 63-68.	1.7	15
15	Experiments with single electrons in liquid helium. Physical Review B, 2009, 79, .	3.2	33
16	Low Temperature Magnetic Calorimeters For Neutrino Mass Direct Measurement. AIP Conference Proceedings, 2009, , .	0.4	6
17	Fabrication of Metallic Magnetic Calorimeter X-ray Detector Arrays. Journal of Low Temperature Physics, 2008, 151, 357-362.	1.4	17
18	Properties of Superconducting Rhenium as an Absorber for Magnetic Calorimeters. Journal of Low Temperature Physics, 2008, 151, 436-442.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Charge Transport in Liquid Helium at Low Temperatures. AIP Conference Proceedings, 2006, , .	0.4	1
20	Measurement of Electron-Phonon Interactions in a Gold Film on a Quartz Substrate. AIP Conference Proceedings, 2006, , .	0.4	1
21	Electrical Breakdown in Helium Cells at Low Temperature. Physical Review Letters, 2006, 97, 015301.	7.8	6
22	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
23	Magnetic calorimeters for high resolution x-ray spectroscopy. Review of Scientific Instruments, 2003, 74, 3947-3954.	1.3	14
24	The suitability of sapphire for large-area calorimeters: The transfer of energy to gold films. , 2002, , .		0
25	Thermodynamic model of magnetic calorimeters. , 2002, , .		2
26	THE HERON PROJECT. , 2002, , .		4
27	Coalescence of Levitated He II Drops. Journal of Low Temperature Physics, 2000, 121, 627-632.	1.4	9
28	Low Temperature Properties of Erbium In Gold. Journal of Low Temperature Physics, 2000, 118, 7-21.	1.4	27
29	Metallic Magnetic Calorimeters for Particle Detection. Journal of Low Temperature Physics, 2000, 121, 137-176.	1.4	83
30	Theory of the Small Amplitude Shape Oscillations of a Helium-II Drop. Journal of Low Temperature Physics, 1999, 114, 523-545.	1.4	6
31	Shape Oscillations in Levitated He II Drops. Journal of Low Temperature Physics, 1998, 113, 491-499.	1.4	20
32	Oscillations of Charged Helium II Drops. Journal of Low Temperature Physics, 1998, 110, 173-178.	1.4	14
33	Magnetic Levitation of liquid helium. Journal of Low Temperature Physics, 1997, 106, 101-131.	1.4	37
34	Magnetic levitation of liquid helium. European Physical Journal D, 1996, 46, 373-374.	0.4	1
35	Study of paramagnetic ions in metals for use in cryogenic particle detection. European Physical Journal D, 1996, 46, 2889-2890.	0.4	0
36	Removal of superfluid helium films from surfaces below 0.1 K. Review of Scientific Instruments, 1992, 63, 230-234.	1.3	16

#	ARTICLE	IF	CITATIONS
37	Magnetic levitation of condensed hydrogen. <i>Review of Scientific Instruments</i> , 1991, 62, 3022-3024.	1.3	21
38	Detection of solar neutrinos in superfluid helium. <i>Physical Review Letters</i> , 1987, 58, 2498-2501.	7.8	77
39	The second virial coefficient of $^3\text{He}$ gas below 1.3 K. <i>Journal of Chemical Physics</i> , 1985, 83, 3621-3625.	3.0	13