

I Catarino

List of Publications by Year in descending order

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19
papers

179
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1170033

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all docs

19
docs citations

19
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid ² gas cryogenic energy storage units operating at constant temperature. Applied Thermal Engineering, 2016, 95, 178-185.	3.0	3
2	Building a Thinner Gap in a Gas-Gap Heat Switch. Physics Procedia, 2015, 67, 1117-1122.	1.2	9
3	15 K liquid hydrogen thermal Energy Storage Unit for future ESA science missions. IOP Conference Series: Materials Science and Engineering, 2015, 101, 012191.	0.3	1
4	Gas gap heat switch for a cryogen-free magnet system. IOP Conference Series: Materials Science and Engineering, 2015, 101, 012144.	0.3	2
5	Materials for damping the PTC-induced thermal fluctuations of the cold-head. IOP Conference Series: Materials Science and Engineering, 2015, 102, 012014.	0.3	2
6	40 K Liquid Neon Energy Storage Unit. Physics Procedia, 2015, 67, 1193-1198.	1.2	4
7	Narrow gas gap in cryogenic heat switch. Applied Thermal Engineering, 2014, 70, 115-121.	3.0	15
8	Sorption characterization and actuation of a gas-gap heat switch. Sensors and Actuators A: Physical, 2011, 171, 324-331.	2.0	9
9	Liquid nitrogen energy storage unit. Cryogenics, 2011, 51, 621-629.	0.9	9
10	³ He gas gap heat switch. Cryogenics, 2011, 51, 45-48.	0.9	20
11	6K solid state Energy Storage Unit. Cryogenics, 2010, 50, 102-110.	0.9	11
12	Energy storage unit: Solid state demonstrators at 20K and 6K. Cryogenics, 2010, 50, 522-528.	0.9	2
13	CUSTOMIZABLE GAS-GAP HEAT SWITCH. AIP Conference Proceedings, 2010, , .	0.3	5
14	Gas gap thermal switches using neon or hydrogen and sorption pump. Vacuum, 2009, 83, 1270-1273.	1.6	18
15	20K Energy storage unit. Cryogenics, 2009, 49, 326-333.	0.9	10
16	Neon gas-gap heat switch. Cryogenics, 2008, 48, 17-25.	0.9	45
17	Magnetic properties of UFe ₅ Sn single crystals. Journal of Magnetism and Magnetic Materials, 2003, 260, 473-479.	1.0	4
18	A simple calorimeter for fast adiabatic heat capacity measurements from 15 to 300 K based on closed cycle cryocooler. Cryogenics, 2000, 40, 425-430.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Simple specific heat apparatus based on Giffordâ€™Mac Mahon cryocooler. Physica B: Condensed Matter, 2000, 284-288, 2020-2021.	1.3	1