

Yvan Dutil

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,373
citations

840728

11
h-index

752679

20
g-index

27
all docs

27
docs citations

27
times ranked

1503
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking strategy for photovoltaic solar systems in high latitudes. <i>Energy Conversion and Management</i> , 2015, 103, 147-156.	9.2	67
2	Large-Scale Experimental Study of a Phase Change Material: Shape Identification for the Solid–Liquid Interface. <i>International Journal of Thermophysics</i> , 2015, 36, 2897-2915.	2.1	9
3	Modeling phase change materials behavior in building applications: Comments on material characterization and model validation. <i>Renewable Energy</i> , 2014, 61, 132-135.	8.9	69
4	An experimental investigation of a two-dimensional prototype of a transparent transpired collector. <i>Energy and Buildings</i> , 2014, 68, 232-241.	6.7	4
5	Study of the influence of roof insulation involving local materials on cooling loads of houses built of clay and straw. <i>Energy and Buildings</i> , 2012, 50, 74-80.	6.7	38
6	Experimental and Two-dimensional Numerical Simulation of an Unglazed Transpired Solar Air Collector. <i>Energy Procedia</i> , 2012, 30, 19-28.	1.8	16
7	Numerical Simulation of Thermal Storage by Latent and Sensible Heat in a Porous Vertical Channel: Performance Analysis and Comparison. <i>Numerical Heat Transfer; Part A: Applications</i> , 2012, 62, 948-972.	2.1	5
8	Energy Costs of Energy Savings in Buildings: A Review. <i>Sustainability</i> , 2012, 4, 1711-1732.	3.2	9
9	A comprehensive review of solar facades. Opaque solar facades. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2820-2832.	16.4	142
10	A comprehensive review of solar facades. Transparent and translucent solar facades. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2643-2651.	16.4	129
11	Experimental study of small-scale solar wall integrating phase change material. <i>Solar Energy</i> , 2012, 86, 208-219.	6.1	148
12	Magnetic control of natural convection in the horizontal Bridgman configuration: symmetric and non-symmetric cross sections. <i>International Journal of Computational Fluid Dynamics</i> , 2011, 25, 127-138.	1.2	5
13	Sustainable Buildings: An Ever Evolving Target. <i>Sustainability</i> , 2011, 3, 443-464.	3.2	62
14	A review on phase-change materials: Mathematical modeling and simulations. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 112-130.	16.4	515
15	Modeling Phase Change Materials Behaviour in Building Applications: Selected Comments. , 2011, , .		0
16	Detection of biomarkers using infra-red spectroscopy. <i>Acta Astronautica</i> , 2010, 67, 1356-1360.	3.2	1
17	Characterization of the ACE-FTS instrument line shape. , 2003, , .		1
18	ACE-FTS spectral calibration. , 2003, , .		3

#	ARTICLE	IF	CITATIONS
19	CrIS raw data records (level 0) to sensor data records (level 1b) processing. , 2002, , .		3
20	ACE-FTS level 0 to 1 data processing. , 2002, , .		6
21	The Hazards of Imaging Spectrophotometry with Interference Filters. Astronomical Journal, 2001, 122, 1644-1655.	4.7	11
22	Chemical Evidence for Evolution of galaxies. Astrophysics and Space Science, 2001, 277, 165-168.	1.4	0
23	Chemical Evidence for Evolution of Galaxies. , 2001, , 165-168.		0
24	Chemical Evidence for Morphological Evolution of Spiral Galaxies. Astrophysical Journal, 1999, 516, 62-76.	4.5	76
25	The O/H Distribution in the Low-Mass Galaxies NGC 2366 and NGC 4395. Astrophysical Journal, 1996, 460, 284.	4.5	47
26	Optical continuum signature of the jet in the spiral galaxy NGC 4258. Astrophysical Journal, 1995, 444, L85.	4.5	6