

# Yvan Dutil

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,373  
citations

949033

11  
h-index

843174

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1710  
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.	4.4	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.	1.0	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.	4.3	69
4	An experimental investigation of a two-dimensional prototype of a transparent transpired collector. <i>Energy and Buildings</i> , 2014, 68, 232-241.	3.1	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.	3.1	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.	1.2	5
8	Energy Costs of Energy Savings in Buildings: A Review. <i>Sustainability</i> , 2012, 4, 1711-1732.	1.6	9
9	A comprehensive review of solar facades. Opaque solar facades. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2820-2832.	8.2	142
10	A comprehensive review of solar facades. Transparent and translucent solar facades. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2643-2651.	8.2	129
11	Experimental study of small-scale solar wall integrating phase change material. <i>Solar Energy</i> , 2012, 86, 208-219.	2.9	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.	0.5	5
13	Sustainable Buildings: An Ever Evolving Target. <i>Sustainability</i> , 2011, 3, 443-464.	1.6	62
14	A review on phase-change materials: Mathematical modeling and simulations. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 112-130.	8.2	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.	1.7	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. <i>Astronomical Journal</i> , 2001, 122, 1644-1655.	1.9	11
22	Chemical Evidence for Evolution of galaxies. <i>Astrophysics and Space Science</i> , 2001, 277, 165-168.	0.5	0
23	Chemical Evidence for Evolution of Galaxies. , 2001, , 165-168.		0
24	Chemical Evidence for Morphological Evolution of Spiral Galaxies. <i>Astrophysical Journal</i> , 1999, 516, 62-76.	1.6	76
25	The O/H Distribution in the Low-Mass Galaxies NGC 2366 and NGC 4395. <i>Astrophysical Journal</i> , 1996, 460, 284.	1.6	47
26	Optical continuum signature of the jet in the spiral galaxy NGC 4258. <i>Astrophysical Journal</i> , 1995, 444, L85.	1.6	6