

# Patrick A B James

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,088  
citations

279487

23  
h-index

233125

45  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Floating solar PV to reduce water evaporation in water stressed regions and powering water pumping: Case study Jordan. <i>Energy Conversion and Management</i> , 2022, 260, 115598.	4.4	30
2	Solar PV Penetration Scenarios for a University Campus in KSA. <i>Energies</i> , 2022, 15, 3150.	1.6	1
3	Solar Power Potential from Industrial Buildings and Impact on Electricity Supply in Bangladesh. <i>Energies</i> , 2022, 15, 4037.	1.6	4
4	Revisiting Home Heat Control Theories through a UK Care Home Field Trial. <i>Energies</i> , 2022, 15, 4990.	1.6	1
5	Assessment of a Nurse Led Energy Behavior Change Intervention in an NHS Community Hospital Ward. <i>Energies</i> , 2021, 14, 6523.	1.6	2
6	Noisy and restless: 24h in an NHS community hospital ward, a qualitative and quantitative analysis of the patient environment. <i>Building and Environment</i> , 2020, 175, 106795.	3.0	4
7	Heating and controls use resulting from shared-cost charges in communal network social housing. <i>Building Services Engineering Research and Technology</i> , 2020, 41, 315-331.	0.9	2
8	Tracking a city's center of gravity over 500 years of growth from a time series of georectified historical maps. <i>Cartography and Geographic Information Science</i> , 2020, 47, 524-536.	1.4	8
9	Assessing socially acceptable locations for onshore wind energy using a GIS-MCDA approach. <i>International Journal of Low-Carbon Technologies</i> , 2019, 14, 160-169.	1.2	38
10	The Impact of an Electrical Mini-grid on the Development of a Rural Community in Kenya. <i>Energies</i> , 2019, 12, 778.	1.6	19
11	Domestic thermal upgrades, community action and energy saving: A three-year experimental study of prosperous households. <i>Energy Policy</i> , 2019, 127, 475-485.	4.2	7
12	Developing English domestic occupancy profiles. <i>Building Research and Information</i> , 2019, 47, 375-393.	2.0	31
13	Camera-based window-opening estimation in a naturally ventilated office. <i>Building Research and Information</i> , 2018, 46, 148-163.	2.0	17
14	Evaluating CHP management and outputs using simple operational data. <i>International Journal of Low-Carbon Technologies</i> , 2018, 13, 109-115.	1.2	3
15	Promoting low carbon behaviours through personalised information? Long-term evaluation of a carbon calculator interview. <i>Energy Policy</i> , 2018, 120, 284-293.	4.2	45
16	Exploring the Link between Thermal Experience and Adaptation to a New Climate. <i>Future Cities and Environment</i> , 2018, 4, .	0.6	5
17	Thermal Performance Evaluation of School Buildings using a Children-based Adaptive Comfort Model. <i>Procedia Environmental Sciences</i> , 2017, 38, 844-851.	1.3	40
18	Quantifying Thermal Bridge Effects and Assessing Retrofit Solutions in a Greek Residential Building. <i>Procedia Environmental Sciences</i> , 2017, 38, 306-313.	1.3	23

#	ARTICLE	IF	CITATIONS
19	Dataset of the livability performance of the city of Birmingham, UK, as measured by its citizen wellbeing, resource security, resource efficiency and carbon emissions. Data in Brief, 2017, 15, 691-695.	0.5	12
20	Electricity consumption and household characteristics: Implications for census-taking in a smart metered future. Computers, Environment and Urban Systems, 2017, 63, 58-67.	3.3	69
21	The influence of a student's "home" climate on room temperature and indoor environmental controls use in a modern halls of residence. Energy and Buildings, 2016, 119, 331-339.	3.1	17
22	Fuel poverty-induced "prebound effect" in achieving the anticipated carbon savings from social housing retrofit. Building Services Engineering Research and Technology, 2016, 37, 176-193.	0.9	30
23	The Role of Digital Trace Data in Supporting the Collection of Population Statistics "the Case for Smart Metered Electricity Consumption Data. Population, Space and Place, 2016, 22, 849-863.	1.2	10
24	Role of distributed storage in a 100% renewable UK network. Proceedings of Institution of Civil Engineers: Energy, 2015, 168, 87-95.	0.5	7
25	Infrastructural challenges to better health in maternity facilities in rural Kenya: community and healthworker perceptions. Reproductive Health, 2015, 12, 103.	1.2	49
26	Energy storage against interconnection as a balancing mechanism for a 100% renewable UK electricity grid. IET Renewable Power Generation, 2015, 9, 131-141.	1.7	30
27	Investigating the principal adaptive comfort relationships for young children. Building Research and Information, 2015, 43, 371-382.	2.0	18
28	A simple, scalable and low-cost method to generate thermal diagnostics of a domestic building. Applied Energy, 2014, 134, 519-530.	5.1	7
29	Transforming existing weather data for worldwide locations to enable energy and building performance simulation under future climates. Renewable Energy, 2013, 55, 514-524.	4.3	220
30	Thermal comfort in naturally ventilated primary school classrooms. Building Research and Information, 2013, 41, 301-316.	2.0	74
31	Naturally ventilated classrooms: An assessment of existing comfort models for predicting the thermal sensation and preference of primary school children. Energy and Buildings, 2012, 53, 166-182.	3.1	189
32	Pole-mounted horizontal axis micro-wind turbines: UK field trial findings and market size assessment. Energy Policy, 2011, 39, 3822-3831.	4.2	10
33	The impact of the GB Feed-in Tariffs and Renewable Heat Incentive to the Economics of Various Microgeneration Technologies at the Street Level. , 2011, , .		1
34	Implications of the UK field trial of building mounted horizontal axis micro-wind turbines. Energy Policy, 2010, 38, 6130-6144.	4.2	42
35	Quantifying the added value of BiPV as a shading solution in atria. Solar Energy, 2009, 83, 220-231.	2.9	32
36	Climate change future proofing of buildings"Generation and assessment of building simulation weather files. Energy and Buildings, 2008, 40, 2148-2168.	3.1	257

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37	Potential of emerging glazing technologies for highly glazed buildings in hot arid climates. <i>Energy and Buildings</i> , 2008, 40, 720-731.	3.1	121
38	Domestic micro-generation: Economic, regulatory and policy issues for the UK. <i>Energy Policy</i> , 2008, 36, 3095-3106.	4.2	47
39	Urban energy generation: Influence of micro-wind turbine output on electricity consumption in buildings. <i>Energy and Buildings</i> , 2007, 39, 154-165.	3.1	144
40	Urban energy generation: The added value of photovoltaics in social housing. <i>Renewable and Sustainable Energy Reviews</i> , 2007, 11, 2121-2136.	8.2	137
41	PV array <5kWp+single inverter=grid connected PV system: Are multiple inverter alternatives economic?. <i>Solar Energy</i> , 2006, 80, 1179-1188.	2.9	34
42	Smart glazing solutions to glare and solar gain: a "sick building" case study. <i>Energy and Buildings</i> , 2005, 37, 1058-1067.	3.1	14
43	Holographic optical elements: various principles for solar control of conservatories and sunrooms. <i>Solar Energy</i> , 2005, 78, 441-454.	2.9	15
44	Development of a highly magnetic iron sulphide for metal uptake and magnetic separation. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 567-571.	1.0	10
45	Efficiency enhancements through the use of magnetic field gradients in orientation magnetic separation. , 1999, , .		0
46	Low magnetic-field separation system for metal-loaded magnetotactic bacteria. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1453-1454.	1.0	21
47	Continuous radionuclide recovery from wastewater using magnetotactic bacteria. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 184, 241-244.	1.0	56
48	A comparative study of the magnetic separation characteristics of magnetotactic and sulphate reducing bacteria. <i>Journal of Applied Physics</i> , 1998, 83, 6444-6446.	1.1	8
49	Continuous cultivation and recovery of magnetotactic bacteria. <i>IEEE Transactions on Magnetics</i> , 1997, 33, 4263-4265.	1.2	5
50	An alternative method for the estimation of the magnetic moment of non-spherical magnetotactic bacteria. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 5133-5135.	1.2	25
51	High gradient magnetic separation of motile and non-motile magnetotactic bacteria. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 5106-5108.	1.2	13
52	Metal uptake and separation using magnetotactic bacteria. <i>IEEE Transactions on Magnetics</i> , 1994, 30, 4707-4709.	1.2	31
53	Characterisation of magnetotactic bacteria using image processing techniques. <i>IEEE Transactions on Magnetics</i> , 1993, 29, 3358-3360.	1.2	25
54	Characterization and growth of magnetotactic bacteria: Implications of clean up of environmental pollution. <i>Journal of Applied Physics</i> , 1993, 73, 5394-5396.	1.1	21

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55	Characterisation Of Magnetotactic Bacteria Using Image Processing Techniques. , 1993, , .		0
56	A cation budget analysis for a coastal dune system in North-West England. Catena, 1986, 13, 1-10.	2.2	3
57	Electrical connector contact resistance behaviour within a PV shingle roof. , 0, , .		1
58	Post installation optimisation of a building integrated PV system at Southampton University. , 0, , .		1
59	Economics of solar powered refrigeration transport applications. , 0, , .		2