Brian Norton

List of Publications by Year
in descending order

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220	9,035	38660 50	48187 88
papers	citations	h-index	g-index

223	223	223	5422
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Briefing: The 2021 Glasgow Climate Pact: steps on the transition pathway towards a low carbon world. Proceedings of Institution of Civil Engineers: Energy, 2022, 175, 97-102.	0.5	14
2	Hosting a communityâ€based local electricity market in a residential network. IET Energy Systems Integration, 2022, 4, 448-459.	1.1	5
3	Industrial and Agricultural Applications of Solar Heat. , 2021, , .		1
4	Briefing: Decarbonising buildings in Europe: a briefing paper. Proceedings of Institution of Civil Engineers: Energy, 2021, 174, 147-155.	0.5	9
5	Integrating paraffin phase change material in the storage tank of a solar water heater to maintain a consistent hot water output temperature. Sustainable Energy Technologies and Assessments, 2021, 47, 101350.	1.7	12
6	Thermophotovoltaic systems for achieving high-solar-fraction hybrid solar-biomass power generation. Applied Energy, 2020, 259, 114181.	5.1	8
7	Energy Performance Certification: Misassessment due to assuming default heat losses. Energy and Buildings, 2020, 224, 110229.	3.1	20
8	Comparison of hybridizing options for solar heat, biomass and heat storage for electricity generation in Spain. Energy Conversion and Management, 2020, 222, 113231.	4.4	22
9	A generalisable bottom-up methodology for deriving a residential stock model from large empirical databases. Energy and Buildings, 2020, 215, 109886.	3.1	20
10	Optimization of PV powered SPD switchable glazing to minimise probability of loss of power supply. Renewable Energy, 2019, 131, 993-1001.	4.3	48
11	Efficient energy storage technologies for photovoltaic systems. Solar Energy, 2019, 192, 144-168.	2.9	103
12	Economic appraisal of hybrid solarâ€“biomass thermophotovoltaic power generation. Proceedings of Institution of Civil Engineers: Energy, 2019, 172, 162-168.	0.5	0
13	Thermal energy refurbishment status of the Irish housing stock. Energy and Buildings, 2019, 202, 109348.	3.1	14
14	Performance of a campus photovoltaic electric vehicle charging station in a temperate climate. Solar Energy, 2019, 177, 762-771.	2.9	41
15	A novel approach towards investigating the performance of different PVT configurations integrated on test cells: An experimental study. Renewable Energy, 2019, 137, 93-108.	4.3	19
16	Advances in switchable and highly insulating autonomous (self-powered) glazing systems for adaptive low energy buildings. Renewable Energy, 2018, 126, 1003-1031.	4.3	144
17	Thermal modeling and experimental evaluation of five different photovoltaic modules integrated on prototype test cells with and without water flow. Energy Conversion and Management, 2018, 165, 219-235.	4.4	40
18	Long-term field operation of photovoltaic solar water pumps. International Journal of Ambient Energy, 2018, 39, 467-476.	1.4	2

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19	Daylight characteristics of a polymer dispersed liquid crystal switchable glazing. Solar Energy Materials and Solar Cells, 2018, 174, 572-576.	3.0	56
20	Influence of atmospheric clearness on PDLC switchable glazing transmission. Energy and Buildings, 2018, 172, 257-264.	3.1	41
21	Effect of atmospheric transmittance on performance of adaptive SPD-vacuum switchable glazing. Solar Energy Materials and Solar Cells, 2017, 161, 424-431.	3.0	31
22	Durability of switching behaviour after outdoor exposure for a suspended particle device switchable glazing. Solar Energy Materials and Solar Cells, 2017, 163, 178-184.	3.0	41
23	Interior colour rendering of daylight transmitted through a suspended particle device switchable glazing. Solar Energy Materials and Solar Cells, 2017, 163, 218-223.	3.0	49
24	Solar dryers for tropical food preservation: Thermophysics of crops, systems and components. Solar Energy, 2017, 154, 2-13.	2.9	69
25	Effect of sky clearness index on transmission of evacuated (vacuum) glazing. Renewable Energy, 2017, 105, 160-166.	4.3	40
26	Effect of sky conditions on light transmission through a suspended particle device switchable glazing. Solar Energy Materials and Solar Cells, 2017, 160, 134-140.	3.0	33
27	Technological assessment of different solar-biomass systems for hybrid power generation in Europe. Renewable and Sustainable Energy Reviews, 2017, 68, 1115-1129.	8.2	68
28	Optimising the Performance of Cement-Based Batteries. Advances in Materials Science and Engineering, 2017, 2017, 1-14.	1.0	9
29	A data centre air flow model for predicting computer server inlet temperatures. , 2017, , .		1
30	Characteristics of Different Systems for the Solar Drying of Crops. Green Energy and Technology, 2017, , 69-88.	0.4	2
31	Low Temperature Solar Thermal Applications. World Scientific Series in Current Energy Issues, 2016, , 299-343.	0.1	0
32	Measured thermal & daylight performance of an evacuated glazing using an outdoor test cell. Applied Energy, 2016, 177, 196-203.	5.1	68
33	First outdoor characterisation of a PV powered suspended particle device switchable glazing. Solar Energy Materials and Solar Cells, 2016, 157, 1-9.	3.0	51
34	Daylighting performance and glare calculation of a suspended particle device switchable glazing. Solar Energy, 2016, 132, 114-128.	2.9	59
35	Heat retention of a photovoltaic/thermal collector with PCM. Solar Energy, 2016, 133, 533-548.	2.9	171
36	Solar Thermal Systems â€“ Towards a Systematic Characterization of Building Integration. Energy Procedia, 2016, 91, 897-906.	1.8	5

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37	State-of-the-art review of cathodic protection for reinforced concrete structures. Magazine of Concrete Research, 2016, 68, 664-677.	0.9	43
38	Behaviour of a SPD switchable glazing in an outdoor test cell with heat removal under varying weather conditions. Applied Energy, 2016, 180, 695-706.	5.1	53
39	The statistical relevance and effect of assuming pessimistic default overall thermal transmittance coefficients on dwelling energy performance certification quality in Ireland. Energy and Buildings, 2016, 127, 268-278.	3.1	18
40	Design and experiment of a new solar air heating collector. Energy, 2016, 100, 374-383.	4.5	17
41	Measured thermal performance of a combined suspended particle switchable device evacuated glazing. Applied Energy, 2016, 169, 469-480.	5.1	60
42	The Battery Energy Storage System (bess) Design Option for On-Campus Photovoltaic Charging Station (PV-CS). , 2016, , .		0
43	Energy savings across EU domestic building stock by optimizing hydraulic distribution in domestic space heating systems. Energy and Buildings, 2015, 91, 199-209.	3.1	18
44	Indoor Characterisation of a Photovoltaic/ Thermal Phase Change Material System. Energy Procedia, 2015, 70, 163-171.	1.8	67
45	Increased photovoltaic performance through temperature regulation by phase change materials: Materials comparison in different climates. Solar Energy, 2015, 115, 264-276.	2.9	172
46	Phase change materials for photovoltaic thermal management. Renewable and Sustainable Energy Reviews, 2015, 47, 762-782.	8.2	230
47	Measured overall heat transfer coefficient of a suspended particle device switchable glazing. Applied Energy, 2015, 159, 362-369.	5.1	90
48	Harnessing Solar Heat. Lecture Notes in Energy, 2014, , .	0.2	19
49	Energy and Cost Saving of a Photovoltaic-Phase Change Materials (PV-PCM) System through Temperature Regulation and Performance Enhancement of Photovoltaics. Energies, 2014, 7, 1318-1331.	1.6	162
50	Flat-Plate and Evacuated Tube Collectors. Lecture Notes in Energy, 2014, , 91-113.	0.2	0
51	Optics and Heat Transfer in Solar Collectors. Lecture Notes in Energy, 2014, , 39-73.	0.2	0
52	Characterization of phase change materials for thermal control of photovoltaics using Differential Scanning Calorimetry and Temperature History Method. Energy Conversion and Management, 2014, 81, 322-329.	4.4	134
53	Indium alloy-sealed vacuum glazing development and context. Renewable and Sustainable Energy Reviews, 2014, 37, 480-501.	8.2	71
54	The Solar Energy Resource. Lecture Notes in Energy, 2014, , 9-38.	0.2	3

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55	Use of Heat From, and Thermal Management of, Photovoltaics. Lecture Notes in Energy, 2014, , 115-122.	0.2	2
56	Solar Thermal Power Generation and Industrial Process Heat. Lecture Notes in Energy, 2014, , 123-143.	0.2	1
57	Passive and Hybrid Solar Design of Buildings. Lecture Notes in Energy, 2014, , 213-244.	0.2	0
58	Greenhouses. Lecture Notes in Energy, 2014, , 201-212.	0.2	0
59	Storage of Solar Heat. Lecture Notes in Energy, 2014, , 75-90.	0.2	1
60	Solar Drying. Lecture Notes in Energy, 2014, , 177-189.	0.2	0
61	Solar Water Heating and Combisystems. Lecture Notes in Energy, 2014, , 145-175.	0.2	0
62	Solar Cooling, Refrigeration and Desalination. Lecture Notes in Energy, 2014, , 191-200.	0.2	0
63	The Shadows Cast by Inadequate Energy Governance: Why More Sun Does Not Necessarily Mean More Photovoltaic Electricity. Lecture Notes in Energy, 2013, , 277-293.	0.2	1
64	Proximal femoral fractures in children and adolescents. Current Orthopaedic Practice, 2012, 23, 429-434.	0.1	2
65	Industrial and Agricultural Applications of Solar Heat. , 2012, , 567-594.		10
66	A simulation analysis of photovoltaic AC Module Integrated Converters in parallel, under controlled edge shading conditions. , 2012, , .		5
67	Enhancing the performance of building integrated photovoltaics. Solar Energy, 2011, 85, 1629-1664.	2.9	274
68	Natural convection in an internally finned phase change material heat sink for the thermal management of photovoltaics. Solar Energy Materials and Solar Cells, 2011, 95, 1598-1603.	3.0	241
69	Transparent patch antenna on a-Si thin-film glass solar module. Electronics Letters, 2011, 47, 85.	0.5	84
70	Solar Water Heaters: A Review of Systems Research and Design Innovation. Green, 2011, 1, .	0.4	6
71	Design and Experiment of a Concentrating Transpired Air Heating System. , 2011, , .		0
72	Thermal performance analysis of an electrochromic vacuum glazing with low emittance coatings. Solar Energy, 2010, 84, 516-525.	2.9	32

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73	Influence of solar heating on the performance of integrated solar cell microstrip patch antennas. Solar Energy, 2010, 84, 1619-1627.	2.9	6
74	Evaluation of phase change materials for thermal regulation enhancement of building integrated photovoltaics. Solar Energy, 2010, 84, 1601-1612.	2.9	368
75	Simulation procedure for the co-optimization of photovoltaic water pumping systems. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2010, 224, 629-640.	0.8	4
76	Simulation algorithm and validation of a photovoltaic water pumping system model using long-term field data. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2010, 224, 641-655.	0.8	2
77	Emitter-wrap-through photovoltaic dipole antenna with solar concentrator. Electronics Letters, 2009, 45, 241.	0.5	10
78	Comparison of vacuum glazing thermal performance predicted using two- and three-dimensional models and their experimental validation. Solar Energy Materials and Solar Cells, 2009, 93, 1492-1498.	3.0	46
79	Improving the optical efficiency and concentration of a single-plate quantum dot solar concentrator using near infra-red emitting quantum dots. Solar Energy, 2009, 83, 978-981.	2.9	51
80	Optimising the economic viability of grid-connected photovoltaic systems. Applied Energy, 2009, 86, 985-999.	5.1	102
81	Integration of Microstrip Patch Antenna With Polycrystalline Silicon Solar Cell. IEEE Transactions on Antennas and Propagation, 2009, 57, 3969-3972.	3.1	83
82	An enterprise energy-information system. Applied Energy, 2008, 85, 61-69.	5.1	32
83	Solar radiation modelling for the simulation of photovoltaic systems. Renewable Energy, 2008, 33, 1109-1120.	4.3	68
84	Real-life energy use in the UK: How occupancy and dwelling characteristics affect domestic electricity use. Energy and Buildings, 2008, 40, 1053-1059.	3.1	298
85	The thermal performance of an electrochromic vacuum glazing with selected low-emittance coatings. Thin Solid Films, 2008, 516, 1074-1081.	0.8	16
86	A microstrip printed dipole solar antenna using polycrystalline silicon solar cells. , 2008, , .		11
87	Quarter-wave metal plate solar antenna. Electronics Letters, 2008, 44, 570.	0.5	14
88	A metal plate solar antenna for UMTS pico-cell base station. , 2008, , .		4
89	On surface currents in a polycrystalline solar cell acting as ground plane for microstrip patch antennas. , 2008, , .		4
90	Comparison of Vacuum Glazing Thermal Performance Predicted Using Two and Three Dimensional Models and Their Experimental Validation. , 2008, , .		1

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91	Quantum dot solar concentrators: an investigation of various geometries. Proceedings of SPIE, 2007, , .	0.8	7
92	Inset-fed microstrip patch antenna with integrated polycrystalline photovoltaic solar cell. , 2007, , .		8
93	Ray-trace modelling of reflectors for quantum dot solar concentrators. Proceedings of SPIE, 2007, , .	0.8	6
94	Comparison of Predictions Made Using a New 3D Phase Change Material Thermal Control Model with Experimental Measurements and Predictions Made Using a Validated 2D Model. Heat Transfer Engineering, 2007, 28, 31-37.	1.2	41
95	Investigation on proximity-coupled microstrip integrated PV antenna. , 2007, , .		4
96	Using air flow to alleviate temperature elevation in solar cells within asymmetric compound parabolic concentrators. Solar Energy, 2007, 81, 173-184.	2.9	38
97	Effect of glass thickness on the thermal performance of evacuated glazing. Solar Energy, 2007, 81, 395-404.	2.9	29
98	Low emittance coatings and the thermal performance of vacuum glazing. Solar Energy, 2007, 81, 8-12.	2.9	54
99	Quantum dot solar concentrator: Device optimisation using spectroscopic techniques. Solar Energy, 2007, 81, 540-547.	2.9	64
100	Quantum dot solar concentrators: Electrical conversion efficiencies and comparative concentrating factors of fabricated devices. Solar Energy, 2007, 81, 813-821.	2.9	112
101	Power losses in an asymmetric compound parabolic photovoltaic concentrator. Solar Energy Materials and Solar Cells, 2007, 91, 1137-1146.	3.0	33
102	The effect of low insolation conditions and inverter oversizing on the long-term performance of a grid-connected photovoltaic system. Progress in Photovoltaics: Research and Applications, 2007, 15, 353-368.	4.4	33
103	Comparison of measured and predicted long term performance of grid a connected photovoltaic system. Energy Conversion and Management, 2007, 48, 1065-1080.	4.4	111
104	The impact of array inclination and orientation on the performance of a grid-connected photovoltaic system. Renewable Energy, 2007, 32, 118-140.	4.3	124
105	Including embodied energy considerations at the conceptual stage of building design. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2006, 220, 271-288.	0.8	29
106	Anatomy of a solar collector. Refocus, 2006, 7, 32-35.	0.2	25
107	The reduction in errors associated with ultrasonic non-destructive testing of timber arising from differential pressure on and movement of transducers. Construction and Building Materials, 2006, 20, 841-848.	3.2	5
108	Corrosive effects of salt hydrate phase change materials used with aluminium and copper. Journal of Materials Processing Technology, 2006, 175, 198-205.	3.1	85

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109	Integrated collector storage solar water heaters. Renewable and Sustainable Energy Reviews, 2006, 10, 503-538.	8.2	92
110	Experimental validation of a numerical model for heat transfer in vacuum glazing. Solar Energy, 2006, 80, 564-577.	2.9	76
111	Economic viability of photovoltaic water pumping systems. Solar Energy, 2006, 80, 850-860.	2.9	103
112	Non-concentrating and asymmetric compound parabolic concentrating building faÃ§ade integrated photovoltaics: An experimental comparison. Solar Energy, 2006, 80, 834-849.	2.9	94
113	The annual number of days that solar heated water satisfies a specified demand temperature. Solar Energy, 2006, 80, 1021-1030.	2.9	15
114	Influence of pumping head, insolation and PV array size on PV water pumping system performance. Solar Energy, 2006, 80, 51-64.	2.9	90
115	Phase change materials for limiting temperature rise in building integrated photovoltaics. Solar Energy, 2006, 80, 1121-1130.	2.9	307
116	Optimal sizing of array and inverter for grid-connected photovoltaic systems. Solar Energy, 2006, 80, 1517-1539.	2.9	141
117	Comparison of a small-scale 3D PCM thermal control model with a validated 2D PCM thermal control model. Solar Energy Materials and Solar Cells, 2006, 90, 1961-1972.	3.0	95
118	Appropriate energy efficient building envelope technologies for social housing in the Irish climate. Journal of Housing and the Built Environment, 2006, 21, 191-202.	0.9	10
119	Long term performance analysis of a grid connected photovoltaic system in Northern Ireland. Energy Conversion and Management, 2006, 47, 2925-2947.	4.4	149
120	Aerospace coatings â€“ a specialist field. Transactions of the Institute of Metal Finishing, 2006, 84, 277-278.	0.6	0
121	Experimental Characterization and Detailed Performance Prediction of a Vacuum Glazing System Fabricated With a Low Temperature Metal Edge Seal, Using a Validated Computer Model. Journal of Solar Energy Engineering, Transactions of the ASME, 2006, 128, 199-203.	1.1	20
122	Geographic Variation of Solar Water Heater Performance in Europe. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2006, 220, 395-407.	0.8	13
123	Scaling SOI photonics to micron and sub-micron devices. , 2005, , .		2
124	Long-term validated simulation of a building integrated photovoltaic system. Solar Energy, 2005, 78, 163-176.	2.9	80
125	Experimental comparison of alternative convection suppression arrangements for concentrating integral collector storage solar water heaters. Solar Energy, 2005, 78, 223-233.	2.9	35
126	Complex multimaterial insulating frames for windows with evacuated glazing. Solar Energy, 2005, 79, 245-261.	2.9	28

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127	Measured effect of reflector augmentation of simple basin type pasive solar stills. International Journal of Ambient Energy, 2005, 26, 59-70.	1.4	3
128	Examination of optimum carrier materials and quantum dots for a quantum dot solar concentrator using spectroscopic techniques. , 2005, 5942, 275.		0
129	Thermal regulation of building-integrated photovoltaics using phase change materials. International Journal of Heat and Mass Transfer, 2004, 47, 2715-2733.	2.5	388
130	The design and experimental characterisation of an asymmetric compound parabolic photovoltaic concentrator for building faÃ§ade integration in the UK. Solar Energy, 2004, 77, 319-327.	2.9	135
131	Techno-economic appraisal of an integrated collector/storage solar water heater. Renewable Energy, 2004, 29, 1503-1514.	4.3	31
132	Quantum dot solar concentrator behaviour, predicted using a ray trace approach. International Journal of Ambient Energy, 2004, 25, 47-56.	1.4	41
133	Experimental characterisation of an asymmetric compound parabolic photovoltaic concentrator designed for building integration in the UK. International Journal of Ambient Energy, 2004, 25, 85-96.	1.4	4
134	Heat retaining integrated collector/storage solar water heaters. Solar Energy, 2003, 75, 27-34.	2.9	37
135	Variation of Insolation Transmission With Glazing Plane Position and Sky Conditions. Journal of Solar Energy Engineering, Transactions of the ASME, 2003, 125, 182-189.	1.1	21
136	Useful solar heat gains in multi-zone non-domestic buildings as a function of orientation and thermal time constant. Renewable Energy, 2002, 27, 87-95.	4.3	11
137	Life-cycle operational and embodied energy for a generic single-storey office building in the UK. Energy, 2002, 27, 77-92.	4.5	152
138	Domestic energy use and air quality; a case study of the city of Belfast. Applied Energy, 2001, 68, 1-18.	5.1	6
139	Evaluation of a freeze resistant integrated collector/storage solar water-heater for northern Europe. Applied Energy, 2001, 68, 265-274.	5.1	24
140	Alternative approaches to thermosyphon solar-energy water heater performance analysis and characterisation. Renewable and Sustainable Energy Reviews, 2001, 5, 79-96.	8.2	14
141	Annual performance of heat retaining integrated collector/storage solar water heaters in a northern maritime climate. Solar Energy, 2001, 70, 391-401.	2.9	31
142	The experimental validation of a comprehensive unified model for optics and heat transfer in line-axis solar energy systems. Solar Energy, 2001, 71, 121-133.	2.9	23
143	Linear Dielectric Non-Imaging Concentrating Covers For PV Integrated Building Facades. Solar Energy, 2000, 68, 439-452.	2.9	86
144	A comparison of the analysis of the useful net solar gain for space heating, zone-by-zone and for a whole-building. Renewable Energy, 2000, 19, 435-442.	4.3	12

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145	Technologies for Sustainable Buildings. , 2000, , 142-147.		4
146	THE EARLY DESIGN MODEL FOR PREDICTION OF ENERGY AND COST PERFORMANCE OF BUILDING DESIGN OPTIONS. International Journal of Solar Energy, 2000, 20, 207-226.	0.2	7
147	CONVECTIVE HEAT TRANSFER CORRELATIONS FOR AN ENCLOSED HORIZONTAL COMPOUND PARABOLIC CAVITY SOLAR THERMAL COLLECTOR. International Journal of Solar Energy, 2000, 20, 161-175.	0.2	5
148	Solar Process Heat. , 2000, , 256-260.		1
149	A comparative performance rating for an integrated solar collector/storage vessel with inner sleeves to increase heat retention. Solar Energy, 1999, 66, 291-303.	2.9	51
150	Modelling line-axis solar concentrators in the medium temperature range. Renewable Energy, 1999, 16, 743-748.	4.3	6
151	An experimental procedure to determine solar energy flux distributions on the absorber of line-axis compound parabolic concentrators. Renewable Energy, 1999, 16, 761-764.	4.3	10
152	Utilization factor for building solar-heat gain for use in a simplified energy model. Applied Energy, 1999, 63, 227-239.	5.1	21
153	Review of solar-energy drying systems II: an overview of solar drying technology. Energy Conversion and Management, 1999, 40, 615-655.	4.4	351
154	Review of solar-energy drying systems III: low temperature air-heating solar collectors for crop drying applications. Energy Conversion and Management, 1999, 40, 657-667.	4.4	91
155	Renewable electricity - what is the true cost?. Power Engineering Journal, 1999, 13, 6-12.	0.2	22
156	The effect of tank geometry on thermally stratified sensible heat storage subject to low Reynolds number flows. International Journal of Heat and Mass Transfer, 1998, 41, 2131-2142.	2.5	70
157	Fabrication of evacuated glazing at low temperature. Solar Energy, 1998, 63, 243-249.	2.9	86
158	Effects of seasonal weather variations on the measured performance of a natural-circulation solar-energy tropical crop dryer. Energy Conversion and Management, 1998, 39, 1265-1276.	4.4	22
159	Full-energy-chain analysis of greenhouse gas emissions for solar thermal electric power generation systems. Renewable Energy, 1998, 15, 131-136.	4.3	34
160	Experimental studies of integral-type natural-circulation solar-energy tropical crop dryers. Energy Conversion and Management, 1997, 38, 1483-1500.	4.4	40
161	Design and measured performance of a solar chimney for natural-circulation solar-energy dryers. Renewable Energy, 1997, 10, 81-90.	4.3	43
162	Experimental analysis and performance of an asymmetric inverted absorber compound parabolic concentrating solar collector at various absorber gap configurations. Renewable Energy, 1997, 10, 235-238.	4.3	8

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163	The effect of occupancy patterns on the long-term performance of roof-space solar-energy collectors on domestic dwellings in a Northern European climate. Solar Energy, 1996, 56, 143-150.	2.9	4
164	The state of the art in modelling line-axis concentrating solar energy collectors. Renewable Energy, 1996, 9, 562-567.	4.3	4
165	The fabrication and testing of a line-axis compound parabolic concentrating solar energy collector. Renewable Energy, 1996, 9, 572-575.	4.3	3
166	Optical performance of an asymmetric inverted absorber compound parabolic concentrating solar collector. Renewable Energy, 1996, 9, 576-579.	4.3	11
167	Optimising solar energy in buildings via data sharing during design. Renewable Energy, 1996, 9, 708-713.	4.3	0
168	An asymmetric line-axis compound parabolic concentrating single basin solar still. Renewable Energy, 1996, 9, 737-740.	4.3	3
169	Energy and environmental life-cycle analysis of advanced windows. Renewable Energy, 1996, 8, 219-222.	4.3	5
170	Development of a simulation tool to enable optimisation of the energy consumption of the industrial timber-drying process. Applied Energy, 1996, 53, 325-340.	5.1	12
171	Energy Design Advice Scheme: Operational experience in Northern Ireland. Solar Energy, 1996, 58, 121-125.	2.9	0
172	Surface coatings in the fight against corrosion. Aircraft Engineering and Aerospace Technology, 1995, 67, 7-8.	0.8	1
173	Facets of antiâ€corrosive coating technology. Anti-Corrosion Methods and Materials, 1995, 42, 28-29.	0.6	0
174	Thermal and optical consequences of the introduction of baffles into compound parabolic concentrating solar energy collector cavities. Solar Energy, 1995, 55, 139-150.	2.9	30
175	The effect of variation of angle of inclination on the performance of low-concentration-ratio compound parabolic concentrating solar collectors. Solar Energy, 1995, 55, 301-309.	2.9	45
176	Direct-gain dwellings: Accuracy of short reference years for predicting thermal performance. Building Services Engineering Research and Technology, 1995, 16, 97-105.	0.9	0
177	Towards the harmonious integration of information technology in building design and construction. International Journal of Ambient Energy, 1995, 16, 95-109.	1.4	5
178	PREDICTION OF SOLAR SAVINGS FRACTION FOR INTEGRAL PASSIVE SOLAR WATER HEATERS. International Journal of Solar Energy, 1995, 17, 41-49.	0.2	3
179	A school building reclad with thermosyphoning air panels. Solar Energy, 1994, 52, 49-58.	2.9	10
180	Effect of inclination on the performance of CPC solar energy collectors. Renewable Energy, 1994, 5, 357-367.	4.3	16

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181	Solar distillation systems: The state-of-the-art in design development and performance analysis. Renewable Energy, 1994, 5, 509-516.	4.3	14
182	Second law optimization of integral type natural circulation solar energy crop dryers. Energy Conversion and Management, 1994, 35, 973-983.	4.4	7
183	Detailed parametric analyses of heat transfer in CPC solar energy collectors. Solar Energy, 1993, 50, 321-338.	2.9	38
184	Validated, unified model for optics and heat transfer in line-axis concentrating solar energy collectors. Solar Energy, 1993, 50, 339-355.	2.9	53
185	Performance characterisation of front-pass thermosyphoning air panels. International Journal of Ambient Energy, 1993, 14, 3-16.	1.4	1
186	Dynamic simulation of indirect thermosyphon solar energy water heaters. Renewable Energy, 1992, 2, 283-297.	4.3	10
187	Aqueous propylene-glycol concentrations for the freeze protection of thermosyphon solar energy water heaters. Solar Energy, 1991, 47, 375-382.	2.9	33
188	Estimation of mean monthly daily total insolation from mean daily ambient temperature. International Journal of Ambient Energy, 1989, 10, 151-162.	1.4	1
189	Determining the effective thermal capacity of the ground in horticultural glasshouses. International Journal of Ambient Energy, 1989, 10, 103-112.	1.4	0
190	Heat removal from a triangular finned flat-plate solar-energy collector. Applied Energy, 1989, 34, 47-55.	5.1	6
191	Transmission and forward scattering of insolation through plastic (transparent and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34	2.9	13
192	Measured performances of curved inverted-Vee, absorber compound parabolic concentrating solar-energy collectors. Solar Energy, 1989, 43, 267-279.	2.9	17
193	A design nomogram for direct thermosyphon solar-energy water heaters. Solar Energy, 1989, 43, 85-95.	2.9	21
194	Response function for solar-energy collectors. Solar Energy, 1988, 40, 371-383.	2.9	28
195	Heat removal from a solar-energy collector with a heat-pipe absorber. Solar & Wind Technology, 1988, 5, 141-145.	0.2	10
196	Thermal resistance of a solar-energy collector absorber under a non-uniform flux distribution. International Journal of Heat and Mass Transfer, 1988, 31, 1103-1111.	2.5	21
197	Installers' opinions concerning the introduction of solar-energy, domestic hot-water systems in Great Britain. Applied Energy, 1988, 29, 73-76.	5.1	0
198	Analytical and experimental methods for shadow-band correction factors for solarimeters on inclined planes under isotropically diffuse and overcast skies. Solar Energy, 1988, 40, 151-160.	2.9	16

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199	Flow distributions of the heat transfer fluid for E-W and N-S alignments of CPC solar energy collectors. Solar & Wind Technology, 1988, 5, 137-140.	0.2	3
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