

Christos Tzivanidis

List of Publications by Year in descending order

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154
papers

7,528
citations

38742

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h-index

64796

79
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158
all docs

158
docs citations

158
times ranked

3234
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of a solar-driven polygeneration system based on CO ₂ working fluid. Energy Conversion and Management, 2022, 252, 115136.	9.2	20
2	Pumped Thermal Energy Storage System for Trigeneration: The Concept of Power to XYZ. Applied Sciences (Switzerland), 2022, 12, 970.	2.5	6
3	Investigation and optimization of a CO ₂ -based polygeneration unit for supermarkets. Applied Energy, 2022, 311, 118717.	10.1	18
4	Investigation of a Solar-Driven Organic Rankine Cycle with Reheating. Applied Sciences (Switzerland), 2022, 12, 2322.	2.5	5
5	Heat and Flow Study of the Internally Finned Tubes with Different Fin Geometries. Applied System Innovation, 2022, 5, 50.	4.6	3
6	An innovative small-sized double cavity PTC under investigation and comparison with a conventional PTC. Sustainable Energy Technologies and Assessments, 2022, 53, 102462.	2.7	0
7	Energy and environmental investigation of R744 all-in-one configurations for refrigeration and heating/air conditioning needs of a supermarket. Journal of Cleaner Production, 2021, 279, 123234.	9.3	25
8	Parametric analysis of a solar-driven trigeneration system with an organic Rankine cycle and a vapor compression cycle. Energy and Built Environment, 2021, 2, 278-289.	5.9	20
9	Parametric Analysis of a Polygeneration System with CO ₂ Working Fluid. Applied Sciences (Switzerland), 2021, 11, 3215.	2.5	8
10	Yearly investigation of a solar-driven absorption refrigeration system with ammonia-water absorption pair. Thermal Science and Engineering Progress, 2021, 23, 100885.	2.7	27
11	Parametric Investigation of a Ground Source CO ₂ Heat Pump for Space Heating. Energies, 2021, 14, 3563.	3.1	5
12	Investigation and optimization of a solar-assisted pumped thermal energy storage system with flat plate collectors. Energy Conversion and Management, 2021, 237, 114137.	9.2	36
13	Dynamic investigation and optimization of a solar-fed trigeneration system. Applied Thermal Engineering, 2021, 191, 116869.	6.0	20
14	Investigation of a Novel CO ₂ Transcritical Organic Rankine Cycle Driven by Parabolic Trough Solar Collectors. Applied System Innovation, 2021, 4, 53.	4.6	5
15	Investigation of energy and financial performance of a novel CO ₂ supercritical solar-biomass trigeneration system for operation in the climate of Athens. Energy Conversion and Management, 2021, 245, 114583.	9.2	24
16	Enhancing the performance of a parabolic trough collector with combined thermal and optical techniques. Applied Thermal Engineering, 2020, 164, 114496.	6.0	47
17	Investigation of a novel small-sized bifacial cavity PTC and comparison with conventional configurations. Thermal Science and Engineering Progress, 2020, 17, 100355.	2.7	11
18	Solar concentrating systems and applications in Greece – A critical review. Journal of Cleaner Production, 2020, 272, 122855.	9.3	14

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19	Investigation of Different Storage Systems for Solar-Driven Organic Rankine Cycle. Applied System Innovation, 2020, 3, 52.	4.6	9
20	Concentrating Solar Collectors for a Trigeneration System—A Comparative Study. Applied Sciences (Switzerland), 2020, 10, 4492.	2.5	11
21	Polynomial Expressions for the Thermal Efficiency of the Parabolic Trough Solar Collector. Applied Sciences (Switzerland), 2020, 10, 6901.	2.5	2
22	Parametric Investigation of a Trigeneration System with an Organic Rankine Cycle and Absorption Heat Pump Driven by Parabolic Trough Collectors for the Building Sector. Energies, 2020, 13, 1800.	3.1	16
23	Financial Optimization of a Solar-Driven Organic Rankine Cycle. Applied System Innovation, 2020, 3, 23.	4.6	12
24	A Comparative Study of Solar-Driven Trigeneration Systems for the Building Sector. Energies, 2020, 13, 2074.	3.1	24
25	Solar-driven polygeneration systems: Recent progress and outlook. Applied Energy, 2020, 264, 114764.	10.1	118
26	Incorporation of an organic Rankine cycle in a transcritical booster CO ₂ refrigeration system. International Journal of Energy Research, 2020, 44, 7974-7988.	4.5	6
27	A systematic parametric thermal analysis of nanofluid-based parabolic trough solar collectors. Sustainable Energy Technologies and Assessments, 2020, 39, 100714.	2.7	38
28	Energy and financial analysis of a solar driven thermoelectric generator. Journal of Cleaner Production, 2020, 264, 121534.	9.3	25
29	Evaluation of a solar driven trigeneration system with conventional and new criteria. International Journal of Sustainable Energy, 2019, 38, 238-252.	2.4	5
30	Investigation and optimization of a solar assisted heat pump driven by nanofluid-based hybrid PV. Energy Conversion and Management, 2019, 198, 111831.	9.2	27
31	Optical and thermal analysis of different cavity receiver designs for solar dish concentrators. Energy Conversion and Management: X, 2019, 2, 100013.	1.6	30
32	Energetic, Exergetic, and Financial Investigation of Biomass-Driven Trigeneration System. Journal of Energy Engineering - ASCE, 2019, 145, .	1.9	9
33	Thermo-optical modelling of the linear Fresnel collector at the Cyprus institute. AIP Conference Proceedings, 2019, , .	0.4	6
34	Enhancing the performance of a CO ₂ refrigeration system with the use of an absorption chiller. International Journal of Refrigeration, 2019, 108, 37-52.	3.4	24
35	Energy and financial investigation of a cogeneration system based on linear Fresnel reflectors. Energy Conversion and Management, 2019, 198, 111821.	9.2	20
36	Development of two new semi-empirical formulas for estimation of solar absorptance in circular cavity receivers. Thermal Science and Engineering Progress, 2019, 10, 147-153.	2.7	14

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37	Numerical investigation and optimization of an experimentally analyzed solar CPC. Energy, 2019, 172, 57-67.	8.8	27
38	Parametric analysis and yearly performance of a trigeneration system driven by solar-dish collectors. International Journal of Energy Research, 2019, 43, 1534-1546.	4.5	46
39	Design of a solar-driven cogeneration system using flat plate collectors and evacuated tube collectors. International Journal of Energy Research, 2019, 43, 5841-5851.	4.5	7
40	Reducing the optical end losses of a linear Fresnel reflector using novel techniques. Solar Energy, 2019, 186, 247-256.	6.1	26
41	CO2 Transcritical Refrigeration Cycle with Dedicated Subcooling: Mechanical Compression vs. Absorption Chiller. Applied Sciences (Switzerland), 2019, 9, 1605.	2.5	16
42	Annual performance of a supermarket refrigeration system using different configurations with CO2 refrigerant. Energy Conversion and Management: X, 2019, 1, 100006.	1.6	16
43	A Theoretical Comparative Study of CO2 Cascade Refrigeration Systems. Applied Sciences (Switzerland), 2019, 9, 790.	2.5	29
44	Numerical simulation of a solar cooling system with and without phase change materials in radiant walls of a building. Energy Conversion and Management, 2019, 188, 40-53.	9.2	57
45	Investigation of the Environmentally-Friendly Refrigerant R152a for Air Conditioning Purposes. Applied Sciences (Switzerland), 2019, 9, 119.	2.5	20
46	Theoretical investigation of a novel hybrid refrigeration cycle based on the partial thermal isochoric compression. Thermal Science and Engineering Progress, 2019, 11, 239-248.	2.7	3
47	A cylindrical insert for parabolic trough solar collector. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 1846-1876.	2.8	15
48	Thermal Behavior of a Building with Incorporated Phase Change Materials in the South and the North Wall. Computation, 2019, 7, 2.	2.0	13
49	Financial and energetic evaluation of solar-assisted heat pump underfloor heating systems with phase change materials. Applied Thermal Engineering, 2019, 149, 548-564.	6.0	41
50	Multi-objective optimization of a solar assisted heat pump-driven by hybrid PV. Applied Thermal Engineering, 2019, 149, 528-535.	6.0	56
51	A comparative study of CO2 refrigeration systems. Energy Conversion and Management: X, 2019, 1, 100002.	1.6	22
52	Investigation of a nanofluid-based concentrating thermal photovoltaic with a parabolic reflector. Energy Conversion and Management, 2019, 180, 171-182.	9.2	50
53	Alternative designs of parabolic trough solar collectors. Progress in Energy and Combustion Science, 2019, 71, 81-117.	31.2	246
54	Parametric analysis and optimization of an underfloor solar assisted heating system with phase change materials. Thermal Science and Engineering Progress, 2019, 10, 59-72.	2.7	41

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55	Investigation of a booster secondary reflector for a parabolic trough solar collector. <i>Solar Energy</i> , 2019, 179, 174-185.	6.1	31
56	Investigation of a nanofluid-based compound parabolic trough solar collector under laminar flow conditions. <i>Applied Thermal Engineering</i> , 2019, 149, 366-376.	6.0	64
57	Experimental, numerical and analytical investigation of a U-type evacuated tube collectors' array. <i>Renewable Energy</i> , 2019, 135, 218-231.	8.9	30
58	A review of concentrating solar thermal collectors with and without nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 763-786.	3.6	103
59	Thermal efficiency enhancement of nanofluid-based parabolic trough collectors. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 597-608.	3.6	64
60	Enhancing the performance of a linear Fresnel reflector using nanofluids and internal finned absorber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 237-255.	3.6	34
61	Thermal analysis of a serpentine flat plate collector and investigation of the flow and convection regime. <i>Thermal Science</i> , 2019, 23, 47-59.	1.1	7
62	Comparison of two solar-assisted underfloor heating systems with Phase Change Materials. <i>International Journal of Thermodynamics</i> , 2019, 22, 138-147.	1.0	3
63	Thermal and exergy performance of a nanofluid-based solar dish collector with spiral cavity receiver. <i>Applied Thermal Engineering</i> , 2018, 135, 206-217.	6.0	44
64	Optical and thermal investigation of a linear Fresnel collector with trapezoidal cavity receiver. <i>Applied Thermal Engineering</i> , 2018, 135, 379-388.	6.0	33
65	Optimum number of internal fins in parabolic trough collectors. <i>Applied Thermal Engineering</i> , 2018, 137, 669-677.	6.0	90
66	Multi-criteria evaluation of a nanofluid-based linear Fresnel solar collector. <i>Solar Energy</i> , 2018, 163, 200-214.	6.1	56
67	Multi-objective optimization of a solar driven trigeneration system. <i>Energy</i> , 2018, 149, 47-62.	8.8	91
68	Optical and thermal analysis of a linear Fresnel reflector operating with thermal oil, molten salt and liquid sodium. <i>Applied Thermal Engineering</i> , 2018, 133, 70-80.	6.0	48
69	A detailed parametric analysis of a solar dish collector. <i>Sustainable Energy Technologies and Assessments</i> , 2018, 25, 99-110.	2.7	51
70	Enhancing the performance of parabolic trough collectors using nanofluids and turbulators. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 91, 358-375.	16.4	217
71	Assessment of the thermal enhancement methods in parabolic trough collectors. <i>International Journal of Energy and Environmental Engineering</i> , 2018, 9, 59-70.	2.5	31
72	Energetic and exergetic evaluation of a novel trigeneration system driven by parabolic trough solar collectors. <i>Thermal Science and Engineering Progress</i> , 2018, 6, 41-47.	2.7	29

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73	A new mini-CPC with a U-type evacuated tube under thermal and optical investigation. Renewable Energy, 2018, 128, 529-540.	8.9	42
74	Performance analysis and optimization of an absorption chiller driven by nanofluid based solar flat plate collector. Journal of Cleaner Production, 2018, 174, 256-272.	9.3	74
75	Investigation of a hybrid ORC driven by waste heat and solar energy. Energy Conversion and Management, 2018, 156, 427-439.	9.2	96
76	Thermal, hydraulic and exergetic evaluation of a parabolic trough collector operating with thermal oil and molten salt based nanofluids. Energy Conversion and Management, 2018, 156, 388-402.	9.2	113
77	Thermal analysis of parabolic trough collector operating with mono and hybrid nanofluids. Sustainable Energy Technologies and Assessments, 2018, 26, 105-115.	2.7	130
78	Energetic and Financial Optimization of Solar Heat Industry Process with Parabolic Trough Collectors. Designs, 2018, 2, 24.	2.4	5
79	Parametric analysis and multi-objective optimization of a solar heating system for various building envelopes. Thermal Science and Engineering Progress, 2018, 8, 307-317.	2.7	12
80	Investigation of a novel solar-driven refrigeration system with ejector. Thermal Science and Engineering Progress, 2018, 8, 284-295.	2.7	14
81	Financial and Energetic Optimization of Greek Buildings Insulation. Designs, 2018, 2, 34.	2.4	4
82	Assessment of linear solar concentrating technologies for Greek climate. Energy Conversion and Management, 2018, 171, 1502-1513.	9.2	42
83	Development of an analytical model for the daily performance of solar thermal systems with experimental validation. Sustainable Energy Technologies and Assessments, 2018, 28, 22-29.	2.7	15
84	Investigation of a solar-biomass polygeneration system. Energy Conversion and Management, 2018, 173, 283-295.	9.2	63
85	A Symmetric and an Asymmetric mini Compound Parabolic Collector Under Optical Investigation. Green Energy and Technology, 2018, , 649-661.	0.6	3
86	A Realistic Approach of the Maximum Work Extraction from Solar Thermal Collectors. Applied System Innovation, 2018, 1, 6.	4.6	5
87	Analytical Expression of Parabolic Trough Solar Collector Performance. Designs, 2018, 2, 9.	2.4	45
88	Enhancing the Performance of Evacuated and Non-Evacuated Parabolic Trough Collectors Using Twisted Tape Inserts, Perforated Plate Inserts and Internally Finned Absorber. Energies, 2018, 11, 1129.	3.1	48
89	Multiple cylindrical inserts for parabolic trough solar collector. Applied Thermal Engineering, 2018, 143, 80-89.	6.0	70
90	Experimental and numerical investigation of a triple-dish solar concentrator: a thermal and exergy study. International Journal of Exergy, 2018, 26, 481.	0.4	1

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91	Secondary concentrator optimization of a linear Fresnel reflector using Bezier polynomial parametrization. <i>Solar Energy</i> , 2018, 171, 716-727.	6.1	36
92	Investigation of a star flow insert in a parabolic trough solar collector. <i>Applied Energy</i> , 2018, 224, 86-102.	10.1	103
93	Parametric analysis and optimization of a cooling system with ejector-absorption chiller powered by solar parabolic trough collectors. <i>Energy Conversion and Management</i> , 2018, 168, 329-342.	9.2	59
94	Development of analytical expressions for the incident angle modifiers of a linear Fresnel reflector. <i>Solar Energy</i> , 2018, 173, 769-779.	6.1	30
95	Energetic investigation of solar assisted heat pump underfloor heating systems with and without phase change materials. <i>Energy Conversion and Management</i> , 2018, 173, 626-639.	9.2	65
96	Daily, monthly and yearly performance of a linear Fresnel reflector. <i>Solar Energy</i> , 2018, 173, 517-529.	6.1	24
97	Energetic, exergetic and financial evaluation of a solar driven trigeneration system. <i>Thermal Science and Engineering Progress</i> , 2018, 7, 99-106.	2.7	45
98	The use of nanofluids in solar concentrating technologies: A comprehensive review. <i>Journal of Cleaner Production</i> , 2018, 196, 84-99.	9.3	167
99	Experimental and numerical investigation of a triple-dish solar concentrator: a thermal and exergy study. <i>International Journal of Exergy</i> , 2018, 26, 481.	0.4	0
100	Enhancing The Performance Of Parabolic Trough Collectors Using Nanofluids And Turbulators. , 2018, , .		0
101	Energetic, exergetic and financial evaluation of a solar driven absorption chiller “ A dynamic approach. <i>Energy Conversion and Management</i> , 2017, 137, 34-48.	9.2	98
102	Parametric analysis and optimization of a solar assisted gas turbine. <i>Energy Conversion and Management</i> , 2017, 139, 151-165.	9.2	55
103	Energetic and exergetic investigation of a parabolic trough collector with internal fins operating with carbon dioxide. <i>International Journal of Energy and Environmental Engineering</i> , 2017, 8, 109-122.	2.5	25
104	Experimental investigation and parametric analysis of a solar thermal dish collector with spiral absorber. <i>Applied Thermal Engineering</i> , 2017, 121, 126-135.	6.0	67
105	Parametric investigation of nanofluids utilization in parabolic trough collectors. <i>Thermal Science and Engineering Progress</i> , 2017, 2, 71-79.	2.7	130
106	A detailed working fluid investigation for solar parabolic trough collectors. <i>Applied Thermal Engineering</i> , 2017, 114, 374-386.	6.0	228
107	Parametric analysis and optimization of an Organic Rankine Cycle with nanofluid based solar parabolic trough collectors. <i>Renewable Energy</i> , 2017, 114, 1376-1393.	8.9	91
108	Energetic and exergetic investigation of a novel solar assisted mechanical compression refrigeration system. <i>Energy Conversion and Management</i> , 2017, 147, 1-18.	9.2	12

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109	Parametric analysis and optimization of a solar driven trigeneration system based on ORC and absorption heat pump. <i>Journal of Cleaner Production</i> , 2017, 161, 493-509.	9.3	126
110	The impact of internal longitudinal fins in parabolic trough collectors operating with gases. <i>Energy Conversion and Management</i> , 2017, 135, 35-54.	9.2	108
111	Daily performance of parabolic trough solar collectors. <i>Solar Energy</i> , 2017, 158, 663-678.	6.1	83
112	A detailed exergetic analysis of parabolic trough collectors. <i>Energy Conversion and Management</i> , 2017, 149, 275-292.	9.2	126
113	Energetic and financial analysis of solar cooling systems with single effect absorption chiller in various climates. <i>Applied Thermal Engineering</i> , 2017, 126, 809-821.	6.0	56
114	Multi-criteria evaluation of parabolic trough collector with internally finned absorbers. <i>Applied Energy</i> , 2017, 205, 540-561.	10.1	121
115	Parametric investigation of supercritical carbon dioxide utilization in parabolic trough collectors. <i>Applied Thermal Engineering</i> , 2017, 127, 736-747.	6.0	38
116	Optimum design of a solar ejector refrigeration system for various operating scenarios. <i>Energy Conversion and Management</i> , 2017, 154, 11-24.	9.2	48
117	Thermodynamic investigation of LiCl-H ₂ O working pair in a double effect absorption chiller driven by parabolic trough collectors. <i>Thermal Science and Engineering Progress</i> , 2017, 3, 75-87.	2.7	48
118	Optimum geometry of parabolic trough collectors with optical and thermal criteria. <i>International Review of Applied Sciences and Engineering</i> , 2017, 8, 45-50.	0.4	10
119	Energetic, Exergetic, Economic and Environmental (4E) analysis of a solar assisted refrigeration system for various operating scenarios. <i>Energy Conversion and Management</i> , 2017, 148, 1055-1069.	9.2	68
120	Optimization of a Solar-Driven Trigeneration System with Nanofluid-Based Parabolic Trough Collectors. <i>Energies</i> , 2017, 10, 848.	3.1	57
121	Energetic and financial sustainability of solar assisted heat pump heating systems in Europe. <i>Sustainable Cities and Society</i> , 2017, 33, 70-84.	10.4	57
122	Thermal enhancement of parabolic trough collector with internally finned absorbers. <i>Solar Energy</i> , 2017, 157, 514-531.	6.1	131
123	Thermal and exergetic evaluation of parabolic trough collectors with finned absorbers operating with air. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2017, 231, 631-644.	1.4	10
124	Design, simulation and optimization of a solar dish collector with spiral-coil thermal absorber. <i>Thermal Science</i> , 2016, 20, 1387-1397.	1.1	42
125	Exergetic and energetic comparison of LiCl-H ₂ O and LiBr-H ₂ O working pairs in a solar absorption cooling system. <i>Energy Conversion and Management</i> , 2016, 123, 453-461.	9.2	90
126	Design, simulation and optimization of a compound parabolic collector. <i>Sustainable Energy Technologies and Assessments</i> , 2016, 16, 53-63.	2.7	98

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127	Exergetic, energetic and financial evaluation of a solar driven absorption cooling system with various collector types. Applied Thermal Engineering, 2016, 102, 749-759.	6.0	150
128	Energetic and financial evaluation of solar assisted heat pump space heating systems. Energy Conversion and Management, 2016, 120, 306-319.	9.2	154
129	The use of gas working fluids in parabolic trough collectors – An energetic and exergetic analysis. Applied Thermal Engineering, 2016, 109, 1-14.	6.0	104
130	Energetic and financial investigation of a stand-alone solar-thermal Organic Rankine Cycle power plant. Energy Conversion and Management, 2016, 126, 421-433.	9.2	195
131	Parametric investigation and optimization of an innovative trigeneration system. Energy Conversion and Management, 2016, 127, 515-525.	9.2	20
132	Experimental and numerical investigation of a linear Fresnel solar collector with flat plate receiver. Energy Conversion and Management, 2016, 130, 44-59.	9.2	90
133	An innovative Trombe wall as a passive heating system for a building in Athens – A comparison with the conventional Trombe wall and the insulated wall. Energy and Buildings, 2016, 133, 754-769.	6.7	77
134	The use of parabolic trough collectors for solar cooling – A case study for Athens climate. Case Studies in Thermal Engineering, 2016, 8, 403-413.	5.7	61
135	Energetic and financial evaluation of a solar assisted heat pump heating system with other usual heating systems in Athens. Applied Thermal Engineering, 2016, 106, 87-97.	6.0	71
136	Thermal enhancement of solar parabolic trough collectors by using nanofluids and converging-diverging absorber tube. Renewable Energy, 2016, 94, 213-222.	8.9	340
137	Experimental results of a solar absorption cooling plant in Greece. International Journal of Sustainable Energy, 2016, 35, 309-322.	2.4	1
138	Thermal and optical efficiency investigation of a parabolic trough collector. Case Studies in Thermal Engineering, 2015, 6, 226-237.	5.7	166
139	The Impact of Insulation Layer in Various Solar Heating Systems: An Energetic and Financial Evaluation. International Journal of Mechanical Systems Engineering, 2015, 1, .	0.2	3
140	Parametric analysis of space cooling systems based on night ceiling cooling with PCM-embedded piping. International Journal of Energy Research, 2012, 36, 18-35.	4.5	29
141	Transient Three-Dimensional Numerical Solution of Night Ceiling Cooling Using PCM-Embedded Piping. Journal of Energy Engineering - ASCE, 2011, 137, 177-186.	1.9	4
142	Experimental determination of the effective thermal capacity function and other thermal properties for various phase change materials using the thermal delay method. Applied Energy, 2011, 88, 4459-4469.	10.1	33
143	Numerical simulation of cooling energy consumption in connection with thermostat operation mode and comfort requirements for the Athens buildings. Applied Energy, 2011, 88, 2871-2884.	10.1	53
144	A transient model for the energy analysis of indoor spaces. Applied Energy, 2010, 87, 3084-3091.	10.1	2

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145	Experimental evaluation of energy savings in air-conditioning using metal ceiling panels. Applied Thermal Engineering, 1998, 18, 1129-1138.	6.0	21
146	Using orthogonal expansion of functions over multilayer walls for calculating the layer thermal properties. Applied Thermal Engineering, 1997, 17, 193-201.	6.0	5
147	Experimental and theoretical studies of space cooling using ceiling-embedded piping. Applied Thermal Engineering, 1997, 17, 351-367.	6.0	44
148	Numerical solution of unsteady three-dimensional heat transfer during space cooling using ceiling-embedded piping. Energy, 1997, 22, 59-67.	8.8	30
149	Analytical solution of boundary value problems of heat conduction in composite regions with arbitrary convection boundary conditions. Acta Mechanica, 1996, 118, 65-78.	2.1	12
150	Finite-difference prediction of transient indoor temperature and related correlation based on the building time constant. International Journal of Energy Research, 1996, 20, 507-520.	4.5	16
151	Time constant of greek buildings. Energy, 1995, 20, 785-802.	8.8	9
152	A correlation for the thermal delay of buildings. Renewable Energy, 1995, 6, 687-699.	8.9	11
153	Optical Performance and Optimization of Two Stationary Compound Parabolic Collectors (CPC). , 0, , .		4
154	Energetic and Financial Comparison between a 1-Stage Absorption Chiller Driven by FPC and a 2-Stage Absorption Chiller Driven by PTC. , 0, , .		2