

# P Muthukumar

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128  
papers

2,800  
citations

32  
h-index

47  
g-index

132  
ext. papers

3,708  
ext. citations

5.6  
avg, IF

6.29  
L-index

#	Paper	IF	Citations
128	Investigation of thermal performance in a solar air heater having variable arc ribbed fin configuration. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 52, 102069	4.7	1
127	Comparison of Thermal and Emission Performance of Canister Based Methanol Cookstove with Kerosene Wick Cookstove. <i>Lecture Notes in Mechanical Engineering</i> , <b>2022</b> , 159-167	0.4	
126	Absorption based solid state hydrogen storage system: A review. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 52, 102204	4.7	1
125	Life Cycle assessment of LPG Cook-stove with Porous Radiant Burner and Conventional Burner A comparative study. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 52, 102255	4.7	0
124	Performance tests on Embedded Cooling Tube type Metal Hydride reactor for heating and cooling applications. <i>Thermal Science and Engineering Progress</i> , <b>2022</b> , 101349	3.6	1
123	Numerical study on heat transfer augmentation techniques in concrete based thermal storage module for solar-thermal applications. <i>Thermal Science and Engineering Progress</i> , <b>2022</b> , 101350	3.6	
122	Experimental investigation on annular metal hydride reactor for medium to large-scale hydrogen storage applications. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103473	7.8	1
121	Thermal and Emissions Characteristics of Pressurized Kerosene Stoves with Selected Commercial Burners <b>2021</b> , 465		
120	A Review on Materials Used for Combustion in Porous Radiant Burners. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 633-641	0.4	
119	Thermodynamic Analysis on Hydrogen Storage System <b>2021</b> ,		1
118	Design assessment of a horizontal shell and tube latent heat storage system: Alternative to fin designs. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103282	7.8	1
117	Parametric studies on MmNi <sub>4.7</sub> Fe <sub>0.3</sub> based reactor with embedded cooling tubes for hydrogen storage and cooling application. <i>Journal of Energy Storage</i> , <b>2021</b> , 35, 102317	7.8	8
116	Experimental study of coupled heat and mass transfer phenomena between air and desiccant in a solar assisted thermal liquid desiccant system. <i>International Journal of Thermal Sciences</i> , <b>2021</b> , 162, 106795	4.1	7
115	Strategies for scaling-up LaNi <sub>5</sub> -based hydrogen storage system with internal conical fins and cooling tubes. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 19031-19045	6.7	3
114	A review on solar greenhouse dryer: Design, thermal modelling, energy, economic and environmental aspects. <i>Solar Energy</i> , <b>2021</b> ,	6.8	10
113	Performance analysis of arc rib fin embedded in a solar air heater. <i>Thermal Science and Engineering Progress</i> , <b>2021</b> , 23, 100891	3.6	11
112	Compound charging and discharging enhancement in multi-PCM system using non-uniform fin distribution. <i>Renewable Energy</i> , <b>2021</b> , 171, 299-314	8.1	15

111	Role of hybrid-nanofluid in heat transfer enhancement [A review]. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 125, 105341	5.8	35
110	Design and Performance Prediction of a Compact MmNi <sub>4.6</sub> Al <sub>0.4</sub> based Hydrogen Storage System. <i>Journal of Energy Storage</i> , <b>2021</b> , 39, 102612	7.8	4
109	Performance studies on mixed-mode forced convection solar cabinet dryer under different air mass flow rates for drying of cluster fig. <i>Solar Energy</i> , <b>2021</b> ,	6.8	5
108	Experimental investigation on structured packed bed liquid desiccant dehumidifier: An optimal mixture design of experiments strategy. <i>International Journal of Refrigeration</i> , <b>2021</b> , 122, 232-244	3.8	4
107	Experimental investigations on active solar dryers integrated with thermal storage for drying of black pepper. <i>Renewable Energy</i> , <b>2021</b> , 167, 728-739	8.1	18
106	Development and performance assessment of LPG operated cluster Porous Radiant Burner for commercial cooking and industrial applications. <i>Energy</i> , <b>2021</b> , 219, 119581	7.9	3
105	Numerical Investigation of a Multi-tube Conical Shell and Tube-Based Latent Heat Energy Storage System. <i>Advances in Sustainability Science and Technology</i> , <b>2021</b> , 133-143		
104	Thermochemical energy storage system for cooling and process heating applications: A review. <i>Energy Conversion and Management</i> , <b>2021</b> , 229, 113617	10.6	24
103	Performance comparison of evacuated U-tube solar collector integrated parabolic reflector with conventional evacuated U-tube solar collector. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2021</b> , 46, 1	1	0
102	Clustered Porous Radiant Burner: A cleaner alternative for cooking systems in small and medium scale applications. <i>Journal of Cleaner Production</i> , <b>2021</b> , 308, 127276	10.3	1
101	A review on solar dryers integrated with thermal energy storage units for drying agricultural and food products. <i>Solar Energy</i> , <b>2021</b> , 229, 22-22	6.8	7
100	Experimental and numerical investigations on the charging and discharging performances of high-temperature cylindrical phase change material encapsulations. <i>Solar Energy</i> , <b>2021</b> , 224, 411-424	6.8	2
99	Design and performance analysis of an annular porous metal hydride reactor for large-scale hydrogen storage applications. <i>Renewable Energy</i> , <b>2021</b> ,	8.1	4
98	Experimental investigations of high-temperature shell and multi-tube latent heat storage system. <i>Applied Thermal Engineering</i> , <b>2021</b> , 198, 117491	5.8	2
97	Biogas Cook Stove with a Novel Porous Radiant Burner [An Alternate for LPG Cook Stoves in Rural and Semi-urban Indian Households. <i>Advances in Sustainability Science and Technology</i> , <b>2021</b> , 121-132		
96	Thermal and economic performance assessments of waste cooking oil /kerosene blend operated pressure cook-stove with porous radiant burner. <i>Energy</i> , <b>2020</b> , 206, 118102	7.9	7
95	Modeling and numerical simulation of a 5 kg LaNi <sub>5</sub> -based hydrogen storage reactor with internal conical fins. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 8794-8809	6.7	30
94	Influence of Geometric Configuration on Charging Characteristics of MmNi <sub>4.6</sub> Fe <sub>0.4</sub> Based Hydrogen Storage Device. <i>Springer Proceedings in Energy</i> , <b>2020</b> , 397-410	0.2	1

93	Study of LPG and Biogas Combustion in Two-Layer Porous Radiant Burners (PRBs). <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 1385-1391	0.4	2
92	Experimental studies on biogas combustion in a novel double layer inert Porous Radiant Burner. <i>Renewable Energy</i> , <b>2020</b> , 149, 1040-1052	8.1	16
91	Performance analysis of a forced convection mixed mode horizontal solar cabinet dryer for drying of black ginger ( <i>Kaempferia parviflora</i> ) using two successive air mass flow rates. <i>Renewable Energy</i> , <b>2020</b> , 152, 55-66	8.1	40
90	Fluid to liquid membrane energy exchanger for simultaneous liquid desiccant regeneration and desalination applications—Theoretical and experimental analyses. <i>Energy Conversion and Management</i> , <b>2020</b> , 204, 112291	10.6	6
89	Evaluation of thermo-kinetic and absorption characteristics of pure desiccants and desiccant mixtures. <i>Materials Today: Proceedings</i> , <b>2020</b> , 26, 1967-1971	1.4	5
88	Effect of combustion zone material on the thermal performance of a biogas-fuelled porous media burner: Experimental studies. <i>Biomass Conversion and Biorefinery</i> , <b>2020</b> , 1	2.3	2
87	Impact of preheat zone properties on the flammability limits of crude biogas combustion in a two-layer porous radiant burner. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1473, 012033	0.3	0
86	Numerical investigation of performance trade-off characteristics of a packed bed dehumidifier using aqueous blends of lithium chloride and calcium chloride. <i>Heat and Mass Transfer</i> , <b>2020</b> , 56, 3093-3109	2.3	3
85	Coupling strategy of multi-module high temperature solid sensible heat storage system for large scale application. <i>Applied Energy</i> , <b>2020</b> , 278, 115665	10.7	6
84	Experimental based multi-objective optimisation for structured packed bed liquid desiccant dehumidification systems. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101813	5.2	2
83	Performance assessment of evacuated U-tube solar collector: a numerical study. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2019</b> , 44, 1	1	4
82	Concrete based high temperature thermal energy storage system: Experimental and numerical studies. <i>Energy Conversion and Management</i> , <b>2019</b> , 198, 111905	10.6	21
81	A critical review of high-temperature reversible thermochemical energy storage systems. <i>Applied Energy</i> , <b>2019</b> , 254, 113733	10.7	101
80	Study of effects of various parameter on thermal efficiency of porous burner with kerosene pressure stove. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1240, 012136	0.3	1
79	Combustion of biogas in Porous Radiant Burner: Low emission combustion. <i>Energy Procedia</i> , <b>2019</b> , 158, 1116-1121	2.3	12
78	Parametric Studies on LaNi <sub>4.7</sub> Al <sub>0.3</sub> based Hydrogen Storage Reactor with Embedded Cooling Tubes. <i>Energy Procedia</i> , <b>2019</b> , 158, 2384-2390	2.3	6
77	Performance Assessment of a Porous Radiant Cook Stove Fueled with Blend of Waste Vegetable Oil (WVO) and Kerosene. <i>Energy Procedia</i> , <b>2019</b> , 158, 2391-2396	2.3	5
76	Assessment of Heat Transfer Characteristics of a Latent Heat Thermal Energy Storage System: Multi Tube Design. <i>Energy Procedia</i> , <b>2019</b> , 158, 4677-4683	2.3	13

75	Experimental investigation of a Cast-Steel based Thermal Energy Storage System. <i>Energy Procedia</i> , <b>2019</b> , 158, 4664-4670	2.3	3
74	Performance investigation of lab-scale sensible heat storage prototypes. <i>International Journal of Green Energy</i> , <b>2019</b> , 16, 1363-1378	3	2
73	Experimental and numerical investigations on high temperature cast steel based sensible heat storage system. <i>Applied Energy</i> , <b>2019</b> , 251, 113322	10.7	19
72	Experimental based multilayer perceptron approach for prediction of evacuated solar collector performance in humid subtropical regions. <i>Renewable Energy</i> , <b>2019</b> , 143, 1566-1580	8.1	14
71	Performance analyses of mixed mode forced convection solar dryer for drying of stevia leaves. <i>Solar Energy</i> , <b>2019</b> , 188, 507-518	6.8	68
70	Experimental studies on industrial scale metal hydride based hydrogen storage system with embedded cooling tubes. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 13549-13560	6.7	19
69	Investigation of charging and discharging characteristics of a horizontal conical shell and tube latent thermal energy storage device. <i>Energy Conversion and Management</i> , <b>2019</b> , 188, 381-397	10.6	34
68	Performance analysis of metal hydride based simultaneous cooling and heat transformation system. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 10906-10915	6.7	14
67	Thermal modelling and parametric investigations on coupled heat and mass transfer processes occurred in a packed tower. <i>Heat and Mass Transfer</i> , <b>2019</b> , 55, 627-644	2.2	6
66	Design methodology and thermal modelling of industrial scale reactor for solid state hydrogen storage. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 20278-20292	6.7	19
65	Material Characterization Role in Porous Media Combustion Stability and Performance. <i>Materials Today: Proceedings</i> , <b>2019</b> , 18, 5063-5068	1.4	2
64	Experimental investigation and numerical modelling on the performance assessments of evacuated U Tube solar collector systems. <i>Renewable Energy</i> , <b>2019</b> , 134, 1344-1361	8.1	25
63	Energy, entransy and exergy analyses of a liquid desiccant regenerator. <i>International Journal of Refrigeration</i> , <b>2019</b> , 105, 80-91	3.8	11
62	Experimental investigation and parametric studies on structured packing chamber based liquid desiccant dehumidification and regeneration systems. <i>Building and Environment</i> , <b>2019</b> , 149, 330-348	6.5	26
61	Life cycle Assessment (LCA) and Techno-economic Assessment (TEA) of medium scale (500 kW) LPG cooking stove with two-layer porous radiant burner. <i>Applied Thermal Engineering</i> , <b>2018</b> , 133, 316-326	5.8	17
60	Drying kinetics and quality analysis of black turmeric ( <i>Curcuma caesia</i> ) drying in a mixed mode forced convection solar dryer integrated with thermal energy storage. <i>Renewable Energy</i> , <b>2018</b> , 120, 23-34	8.1	98
59	A Review on Clean Combustion Within Porous Media. <i>Energy, Environment, and Sustainability</i> , <b>2018</b> , 209-224	2.4	1
58	A novel heat transfer enhancement technique for performance improvements in encapsulated latent heat storage system. <i>Solar Energy</i> , <b>2018</b> , 164, 276-286	6.8	12

57	Development and testing of energy efficient and environment friendly porous radiant burner operating on liquefied petroleum gas. <i>Applied Thermal Engineering</i> , <b>2018</b> , 129, 482-489	5.8	25
56	Performance tests on lab-scale sensible heat storage prototypes. <i>Applied Thermal Engineering</i> , <b>2018</b> , 129, 953-967	5.8	33
55	A critical review on design aspects and developmental status of metal hydride based thermal machines. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 17753-17779	6.7	49
54	Experimental Analysis of a Porous Radiant Pressurized Cook Stove by Using a Blend of Waste Cooking Oil (WCO) and Kerosene <b>2018</b> ,		2
53	Comparative study of phase change phenomenon in high temperature cascade latent heat energy storage system using conduction and conduction-convection models. <i>Solar Energy</i> , <b>2018</b> , 176, 627-637	6.8	19
52	Energy Saving and Techno-economic Assessment of Self Aspirated Domestic LPG Stove with Porous Radiant Burner. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 377, 012194	0.4	0
51	Performance analysis of a mixed mode forced convection solar dryer with and without thermal energy storage heat exchanger. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 377, 012195	0.4	3
50	A novel finite difference model coupled with recursive algorithm for analyzing heat and mass transfer processes in a cross flow dehumidifier/regenerator. <i>International Journal of Thermal Sciences</i> , <b>2018</b> , 131, 1-13	4.1	13
49	Performance investigation of a lab-scale latent heat storage prototype [Numerical results]. <i>Energy Conversion and Management</i> , <b>2017</b> , 135, 188-199	10.6	52
48	Energy and exergy analyses of the solar drying processes of ghost chilli pepper and ginger. <i>Renewable Energy</i> , <b>2017</b> , 105, 764-773	8.1	98
47	Performance studies on a forced convection solar dryer integrated with a paraffin wax-based latent heat storage system. <i>Solar Energy</i> , <b>2017</b> , 149, 214-226	6.8	102
46	A novel approach for performance assessment of mechanical draft wet cooling towers. <i>Applied Thermal Engineering</i> , <b>2017</b> , 121, 14-26	5.8	32
45	Empirical Correlation Based Models for Estimation of Air Cooled and Water Cooled Condensers Performance. <i>Energy Procedia</i> , <b>2017</b> , 109, 293-305	2.3	12
44	Performance Assessment of a Counter Flow Cooling Tower [Unique Approach]. <i>Energy Procedia</i> , <b>2017</b> , 109, 243-252	2.3	16
43	Experimental investigation of thin layer drying kinetics of ghost chilli pepper ( <i>Capsicum Chinense</i> Jacq.) dried in a forced convection solar tunnel dryer. <i>Renewable Energy</i> , <b>2017</b> , 105, 583-589	8.1	69
42	Performance investigation of a lab-scale latent heat storage prototype [Experimental results]. <i>Solar Energy</i> , <b>2017</b> , 155, 971-984	6.8	29
41	Parametric investigations on compressor-driven metal hydride based cooling system. <i>Applied Thermal Engineering</i> , <b>2016</b> , 97, 87-99	5.8	12
40	Performance investigation of a single-stage metal hydride heat transformer. <i>International Journal of Green Energy</i> , <b>2016</b> , 13, 102-109	3	5



39	Numerical and experimental analyses of LPG (liquefied petroleum gas) combustion in a domestic cooking stove with a porous radiant burner. <i>Energy</i> , <b>2016</b> , 95, 404-414	7.9	34
38	Modelling and Performance Analysis of U Type Evacuated Tube Solar Collector Using Different Working Fluids. <i>Energy Procedia</i> , <b>2016</b> , 90, 227-237	2.3	40
37	Coupled Heat and Mass Transfer Analysis of an Adiabatic Dehumidifier [Unique Approach. <i>Energy Procedia</i> , <b>2016</b> , 90, 305-315	2.3	9
36	Performance investigation of high-temperature sensible heat thermal energy storage system during charging and discharging cycles. <i>Clean Technologies and Environmental Policy</i> , <b>2015</b> , 17, 501-513	4.3	24
35	Performance characterization of a medium-scale liquefied petroleum gas cooking stove with a two-layer porous radiant burner. <i>Applied Thermal Engineering</i> , <b>2015</b> , 89, 44-50	5.8	35
34	Development of Double-Stage Metal HydrideBased Hydrogen Compressor for Heat Transformer Application. <i>Journal of Energy Engineering - ASCE</i> , <b>2015</b> , 141, 04014049	1.7	6
33	Niche applications of metal hydrides and related thermal management issues. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 645, S117-S122	5.7	36
32	Thermal Modeling and Performance Investigation of a Double-Stage Metal Hydride-Based Heat Transformer. <i>Numerical Heat Transfer; Part A: Applications</i> , <b>2015</b> , 67, 883-901	2.3	3
31	Thermal modeling of LmNi <sub>4.91</sub> Sn <sub>0.15</sub> based solid state hydrogen storage device with embedded cooling tubes. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 15549-15562	6.7	31
30	Tests on LmNi <sub>4.91</sub> Sn <sub>0.15</sub> based solid state hydrogen storage device with embedded cooling tubes [Part B: Desorption process. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 4966-4972	6.7	15
29	Tests on LmNi <sub>4.91</sub> Sn <sub>0.15</sub> based solid state hydrogen storage device with embedded cooling tubes [Part A: Absorption process. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 3342-3351	6.7	23
28	Development of novel porous radiant burners for LPG cooking applications. <i>Fuel</i> , <b>2013</b> , 112, 562-566	7.1	65
27	Performance tests on metal hydride based hydrogen storage devices. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 9570-9577	6.7	11
26	Analysis of crossed van Hoff metal hydride based heat pump. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 11415-11420	6.7	10
25	Studies on metal hydride based single-stage heat transformer. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 7178-7187	6.7	32
24	Design and optimization of lab-scale sensible heat storage prototype for solar thermal power plant application. <i>Solar Energy</i> , <b>2013</b> , 97, 217-229	6.8	41
23	Performance tests on a double-stage metal hydride based heat transformer. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 15428-15437	6.7	23
22	Measurement of thermochemical properties of some metal hydrides [Titanium (Ti), misch metal (Mm) and lanthanum (La) based alloys. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 5288-5301	6.7	12

21	Thermal modeling and performance analysis of industrial-scale metal hydride based hydrogen storage container. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 14351-14364	6.7	63
20	Computational study on metal hydride based three-stage hydrogen compressor. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 3797-3806	6.7	29
19	Tests on a metal hydride based thermal energy storage system. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 3818-3824	6.7	36
18	Studies on porous radiant burners for LPG (liquefied petroleum gas) cooking applications. <i>Energy</i> , <b>2011</b> , 36, 6074-6080	7.9	57
17	Simulation of double-stage double-effect metal hydride heat pump. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 1474-1484	6.7	13
16	Metal hydride based heating and cooling systems: A review. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 3817-3831	6.7	103
15	Study of heat and mass transfer in MmNi <sub>4</sub> 6Al <sub>0.4</sub> during desorption of hydrogen. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 10811-10818	6.7	12
14	Performance investigations of a single-stage metal hydride heat pump. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 6950-6958	6.7	36
13	Performance investigation of double-stage metal hydride based heat pump. <i>Applied Thermal Engineering</i> , <b>2010</b> , 30, 2698-2707	5.8	24
12	Numerical investigation of coupled heat and mass transfer during desorption of hydrogen in metal hydride beds. <i>Energy Conversion and Management</i> , <b>2009</b> , 50, 69-75	10.6	36
11	Study of coupled heat and mass transfer during absorption of hydrogen in MmNi <sub>4</sub> 6Al <sub>0.4</sub> based hydrogen storage device. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2009</b> , 34, 255-270	1	7
10	Measurement of thermodynamic properties of some hydrogen absorbing alloys. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 1873-1879	6.7	30
9	Computational study of metal hydride cooling system. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 3164-3172	6.7	44
8	Studies on hydriding kinetics of some La-based metal hydride alloys. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 7253-7262	6.7	58
7	Numerical simulation of coupled heat and mass transfer in metal hydride-based hydrogen storage reactor. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 472, 466-472	5.7	39
6	Tests on mechanically alloyed Mg <sub>2</sub> Ni for hydrogen storage. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 452, 456-461	5.7	29
5	Performance tests on a thermally operated hydrogen compressor. <i>International Journal of Hydrogen Energy</i> , <b>2008</b> , 33, 463-469	6.7	25
4	Parametric studies on a metal hydride based hydrogen storage device. <i>International Journal of Hydrogen Energy</i> , <b>2007</b> , 32, 4988-4997	6.7	63



3	Experiments on a metal hydride based hydrogen compressor. <i>International Journal of Hydrogen Energy</i> , <b>2005</b> , 30, 879-892	6.7	48
2	Experiments on a metal hydride-based hydrogen storage device. <i>International Journal of Hydrogen Energy</i> , <b>2005</b> , 30, 1569-1581	6.7	123
1	Parametric studies on a metal hydride based single stage hydrogen compressor. <i>International Journal of Hydrogen Energy</i> , <b>2002</b> , 27, 1083-1092	6.7	35