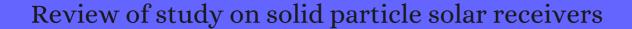
CITATION REPORT List of articles citing



DOI: 10.1016/j.rser.2009.05.012 Renewable and Sustainable Energy Reviews, 2010, 14, 265-27

Source: https://exaly.com/paper-pdf/48268202/citation-report.pdf

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
108	Numerical Study on the Thermal Interaction of Gas-Particle Transport for a Vortex Flow Solar Reactor. 2010 ,		1
107	Radiative properties of a solar cavity receiver/reactor with quartz window. 2011 , 36, 12148-12158		49
106	Thermal energy storage systems for concentrating solar power (CSP) plants. 2012 , 362-394		6
105	Spectrally selective ultra-high temperature ceramic absorbers for high-temperature solar plants. 2012 , 4, 033104		63
104	Ultra-High Temperature Ceramics for solar receivers: spectral and high-temperature emittance characterization. 2012 , 7,		32
103	Radiation Combined with Conduction and Convection. 2013, 724-778		2
102	Thermodynamic evaluation of liquid metals as heat transfer fluids in concentrated solar power plants. 2013 , 60, 295-302		78
101	A review of studies on central receiver solar thermal power plants. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 23, 12-39	16.2	457
100	Suitability of ultra-refractory diboride ceramics as absorbers for solar energy applications. 2013 , 109, 8-16		67
99	Dense suspension of solid particles as a new heat transfer fluid for concentrated solar thermal plants: On-sun proof of concept. 2013 , 102, 567-576		128
98	Assessment of liquid metal technology status and research paths for their use as efficient heat transfer fluids in solar central receiver systems. 2013 , 93, 11-22		130
97	Evaluation of Air Recirculation for Falling Particle Receivers. 2013,		6
96	Experimental and Numerical Studies of Air Curtains for Falling Particle Receivers. 2014,		3
95	Review of high-temperature central receiver designs for concentrating solar power. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 29, 835-846	16.2	452
94	Optimization of the optical particle properties for a high temperature solar particle receiver. 2014 , 99, 299-311		13
93	Tantalum diboride-based ceramics for bulk solar absorbers. 2014 , 130, 208-216		34
92	Optical and thermal performance of a high-temperature spiral solar particle receiver. 2014 , 109, 200-2	13	26

91	Technology Advancements for Next Generation Falling Particle Receivers. 2014, 49, 398-407	66
90	Characterization of Desert Sand for its Feasible use as Thermal Energy Storage Medium. 2015 , 75, 2113-2118	24
89	Experimental and Computational Studies of Gravity-Driven Dense Granular Flows. 2015,	2
88	Improvement of Radiative Performances of High Temperature Solar Particle Receivers Using Coated Particles and Mixtures. 2015 , 137,	1
87	Prototype Testing of a Centrifugal Particle Receiver for High-Temperature Concentrating Solar Applications. 2015 , 137,	34
86	Numerical Simulation of a Centrifugal Particle Receiver for High-Temperature Concentrating Solar Applications. 2015 , 68, 133-149	18
85	Preliminary design and analysis of a novel solar receiver for a micro gas-turbine based solar dish system. 2015 , 114, 378-396	48
84	A numerical investigation of gas-particle suspensions as heat transfer media for high-temperature concentrated solar power. 2015 , 90, 1056-1070	23
83	Modeling of a concentrated-solar, falling-particle receiver for ceria reduction. 2015 , 122, 126-147	19
82	Parametric study on the performance of a solid particle solar receiver. 2015 , 120, 277-286	4
81	Numerical approach to the flux distribution effect on a solar rotary kiln performance. 2016,	
80	On-sun testing of an advanced falling particle receiver system. 2016 ,	27
79	Discrete Element Studies of Gravity-Driven Dense Granular Flows in Vertical Cylindrical Tubes. 2016	2
78	Performance Evaluation of a High-Temperature Falling Particle Receiver. 2016 ,	9
77	High Temperature Solar Receiver with Ceramic Materials. 2016 , 205-218	
76	Settling of heated particles in homogeneous turbulence. 2016 , 792, 869-893	39
75	Recirculating metallic particles for the efficiency enhancement of concentrated solar receivers. 2016 , 96, 850-862	7
	Compositional dependence of optical properties of zirconium, hafnium and tantalum carbides for	

73	Numerical study of wind effects on combined convective heat loss from an upward-facing cylindrical cavity. 2016 , 132, 294-309	14
72	A review of high-temperature particle receivers for concentrating solar power. 2016 , 109, 958-969	179
71	Experimental study of a single quartz tube solid particle air receiver. 2016 , 123, 185-205	24
70	Thermal energy storage: Recent developments and practical aspects. 2016 , 53, 1-40	417
69	Particle circulation loops in solar energy capture and storage: GasBolid flow and heat transfer considerations. 2016 , 161, 206-224	58
68	Optical properties of ZrB2 porous architectures. 2016 , 144, 608-615	25
67	Experimental aspects of CuO reduction in solar-driven reactors: Comparative performance of a rotary kiln and a packed-bed. 2017 , 105, 665-673	16
66	Use of rotary kilns for solar thermal applications: Review of developed studies and analysis of their potential. 2017 , 144, 90-104	21
65	Characterization of Particle Flow in a Free-Falling Solar Particle Receiver. 2017, 139,	37
64	Advances in central receivers for concentrating solar applications. 2017 , 152, 38-56	180
		8
63	Experiment study of a quartz tube falling particle receiver. 2017 , 11, 472-479	0
63 62	Experiment study of a quartz tube falling particle receiver. 2017 , 11, 472-479 Novel particle release patterns for increased receiver thermal efficiency. 2017 ,	3
62	Novel particle release patterns for increased receiver thermal efficiency. 2017, High-efficiency concentrated solar power plants need appropriate materials for high-temperature	3
62	Novel particle release patterns for increased receiver thermal efficiency. 2017, High-efficiency concentrated solar power plants need appropriate materials for high-temperature heat capture, conveying and storage. 2017, 139, 52-64 Characterizing Particle-Wall Contact Behavior and Fluctuations in Gravity-Driven Dense Granular	3
62 61 60	Novel particle release patterns for increased receiver thermal efficiency. 2017, High-efficiency concentrated solar power plants need appropriate materials for high-temperature heat capture, conveying and storage. 2017, 139, 52-64 Characterizing Particle-Wall Contact Behavior and Fluctuations in Gravity-Driven Dense Granular Flows in Cylindrical Tubes Using DEM. 2017,	3
62 61 60 59	Novel particle release patterns for increased receiver thermal efficiency. 2017, High-efficiency concentrated solar power plants need appropriate materials for high-temperature heat capture, conveying and storage. 2017, 139, 52-64 Characterizing Particle-Wall Contact Behavior and Fluctuations in Gravity-Driven Dense Granular Flows in Cylindrical Tubes Using DEM. 2017, Heat Transfer Fluids Used in Concentrating Solar Thermal Technologies. 2017, 73-85	3 27

55	A new generation of solid particle and other high-performance receiver designs for concentrating solar thermal (CST) central tower systems. 2017 , 107-128	8
54	Estimating the cost of high temperature liquid metal based concentrated solar power. 2018 , 10, 023705	8
53	High temperature systems using solid particles as TES and HTF material: A review. 2018, 213, 100-111	41
52	Effects of particle polydispersity on radiative heat transfer in particle-laden turbulent flows. 2018 , 104, 42-59	10
51	Annualized thermal performance of intermediate-scale falling particle receivers. 2018,	5
50	Solar-Driven Thermochemical Water-Splitting by Cerium Oxide: Determination of Operational Conditions in a Directly Irradiated Fixed Bed Reactor. 2018 , 11, 2451	9
49	Automated particle mass-flow control system for high-temperature falling particle receivers. 2018,	1
48	Heat transfer in counterflow fluidized bed of oxide particles for thermal energy storage. 2018 , 126, 730-745	19
47	A Detailed Techno-Economic Analysis of Gas Turbines Applied to Concentrated Solar Power Plants With Central Receiver. 2019 , 141,	2
46	On-Sun Performance Evaluation of Alternative High-Temperature Falling Particle Receiver Designs. 2019 , 141,	11
45	Hybrid concentrated solar power (CSP)-desalination systems: A review. 2019 , 468, 114083	48
44	Simulation and performance evaluation of on-sun particle receiver tests. 2019,	7
43	Tensile strength and compressibility of fine CaCO3 powders. Effect of nanosilica addition 2019 , 378, 122166	7
42	A comprehensive review on solid particle receivers of concentrated solar power. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 116, 109463	37
41	Properties of solid particles as heat transfer fluid in a gravity driven moving bed solar receiver. 2019 , 200, 110007	17
40	Review of solid particle materials for heat transfer fluid and thermal energy storage in solar thermal power plants. 2019 , 1, e63	21
39	Thermal performance of vortex-based solar particle receivers for sensible heating. 2019, 177, 163-177	15
38	Inert and Reactive Oxide Particles for High-Temperature Thermal Energy Capture and Storage for Concentrating Solar Power. 2019 , 141,	10

37	Review on influencing parameters in the performance of concentrated solar power collector based on materials, heat transfer fluids and design. 2020 , 140, 33-51	15
36	Development of a novel high-temperature, pressurised, indirectly-irradiated cavity receiver. 2020 , 204, 112175	13
35	A review of steady-state thermal and mechanical modelling on tubular solar receivers. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 119, 109591	20
34	Temperature statistics in a radiatively heated particle-laden turbulent square duct flow. 2020 , 84, 108618	6
33	Emissivity and absorption function measurements of Al2O3 and SiC particles at elevated temperature for the utilization in concentrated solar receivers. 2020 , 207, 183-191	9
32	New coloured coatings to enhance silica sand absorbance for direct particle solar receiver applications. 2020 , 152, 1-8	9
31	Experimental demonstration of a 5 kWth granular-flow reactor for solar thermochemical energy storage with aluminum-doped calcium manganite particles. 2020 , 173, 115257	23
30	Design of high-temperature atmospheric and pressurised gas-phase solar receivers: A comprehensive review on numerical modelling and performance parameters. 2020 , 201, 701-723	11
29	Progress in heat transfer research for high-temperature solar thermal applications. 2021 , 184, 116137	25
28	A mathematical model to assess the influence of transients on a refractory-lined solar receiver. 2021 , 167, 217-235	2
27	Predicting heat transfer coefficient of a shell-and-plate, moving packed-bed particle-to-sCO2 heat exchanger for concentrating solar power. 2021 , 217, 119389	11
26	Thermal energy storage systems for concentrating solar power plants. 2021, 399-440	2
25	Thermal performance analysis of free-falling solar particle receiver and heat transfer modelling of multiple particles. 2021 , 187, 116567	10
24	Study on Spectral Radiative Heat Transfer Characteristics of a Windowed Receiver with Particle Curtain. 2021 , 14, 2801	1
23	Numerical and experimental analysis of poly-dispersion effects on particle-laden jets. 2021, 91, 108852	3
22	A critical review on the development and challenges of concentrated solar power technologies. 2021 , 47, 101434	11
21	Radiative Properties of Micro/Nanoscale Particles in Dispersions for Photothermal Energy Conversion. 2012 , 143-174	2
20	CFD Application for the Study of Innovative Working Fluids in Solar Central Receivers. 2018 , 13-31	

19	A sliding-bed particle solar receiver with controlling particle flow velocity for high-temperature thermal power generation. 2021 , 183, 41-41	1
18	Preliminary Design of an All-Ceramic Discrete-Structure Particle Heating Receiver. 2020 , 142,	1
17	Radiation in Chemically Reacting Systems. 2022 , 819-858	
16	Design Evaluation of a Next-Generation High-Temperature Particle Receiver for Concentrating Solar Thermal Applications. 2022 , 15, 1657	1
15	Solid particle solar receivers in the next-generation concentrated solar power plant.	О
14	Discrete particle modelling of buoyant convective particle-laden air flow in solar cavity free-falling particle receivers. 2022 , 8, 3902-3918	О
13	A Review Study on the Modeling and Simulation of Solar Tower Power Plants. 7, 100-121	О
12	Power Generation upon Demand by Using Thermal Energy Storage in Concentrated Solar Power Plants: Recent Developments. 2021 ,	O
11	Dynamic characteristics and real-time control of a particle-to-sCO2 moving bed heat exchanger assisted by BP neural network. 2022 , 124597	0
10	A review of directly irradiated solid particle receivers: Technologies and influencing parameters. Renewable and Sustainable Energy Reviews, 2022 , 167, 112682	. О
9	Numerical analysis using SolTrace software to determine the size and position of a central receiver for ganged heliostat system. 2022 , 1042, 012015	
8	Thermal response of multilayered refractory-lined solar receivers to transient operation. 2022 , 243, 70-80	O
7	Modelled annual thermal performance of a 50MWth refractory-lined particle-laden solar receiver operating above 1000°C. 2022 , 197, 1081-1093	О
6	Temperature-dependent diffuse reflectance measurements of ceramic powders in the near- and mid-infrared spectra. 2022 , 245, 193-210	О
5	Modeling and optimization of solar receivers. 2022 , 297-369	О
4	Progress in technology advancements for next generation concentrated solar power using solid particle receivers. 2022 , 54, 102813	O
3	On the energy transport and heat transfer efficiency in radiatively heated particle-laden Rayleigh B fiard convection. 2022 , 953,	0

Directly irradiated fluidized bed autothermal reactor (DIFBAR): Hydrodynamics, thermal behaviour and preliminary reactive tests. **2023**, 346, 128222

О