

Houda Ennaceri

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

270
citations

1163117
8
h-index

1199594
12
g-index

29
all docs

29
docs citations

29
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-resistant surfaces using zinc oxide structured nanorod arrays with switchable wetting property. <i>Surface and Coatings Technology</i> , 2016, 299, 169-176.	4.8	49
2	Influence of stress on the photocatalytic properties of sprayed ZnO thin films. <i>Solar Energy Materials and Solar Cells</i> , 2019, 201, 110058.	6.2	47
3	Membrane fouling control for sustainable microalgal biodiesel production: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112335.	16.4	27
4	Thickness effect on the optical properties of TiO ₂ -anatase thin films prepared by ultrasonic spray pyrolysis: Experimental and ab initio study. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19467-19480.	7.1	25
5	Deposition of multifunctional TiO ₂ and ZnO top-protective coatings for CSP application. <i>Surface and Coatings Technology</i> , 2016, 298, 103-113.	4.8	24
6	Microalgal dewatering with focus on filtration and antifouling strategies: A review. <i>Algal Research</i> , 2022, 61, 102588.	4.6	19
7	Effect of Morphology on the Photoelectrochemical Activity of TiO ₂ Self-Organized Nanotube Arrays. <i>Catalysts</i> , 2020, 10, 279.	3.5	12
8	Theoretical and experimental studies of Al-doped ZnO thin films: optical and structural properties. <i>Journal of Computational Electronics</i> , 2021, 20, 1948-1958.	2.5	11
9	Lotus effect and super-hydrophobic coatings for concentrated solar power systems (CSP). , 2014, , .		7
10	Optical Properties of Front and Second Surface Silver-Based and Molybdenum-Based Mirrors. <i>International Journal of Engineering and Technology</i> , 2016, 8, 410-413.	0.2	7
11	A novel approach to evaluate soiling adhesion on the surface of CSP reflectors via extended DLVO theory. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	6
12	Insulation Material for a Model House in Zaouiat Sidi Abdessalam. , 2017, , .		5
13	The impact of point defects on the optical and electrical properties of cubic ZrO ₂ . <i>Journal of Computational Electronics</i> , 2020, 19, 940-946.	2.5	5
14	Modeling the variation of optimum tilt angles for flat-plate solar collectors in Ifrane, Morocco. , 2013, , .		4
15	Development and integration of innovative low-cost PV windows based on dye sensitized solar cells technology: Application in Morocco. , 2014, , .		4
16	Transparent and Hydrophilic TiO ₂ Anatase as Top-Protective Layer for CSP Reflectors. <i>Advanced Materials Research</i> , 0, 1119, 355-359.	0.3	4
17	Direct normal irradiation-based approach for determining potential regions for concentrated solar power installations in Morocco. <i>International Journal of Ambient Energy</i> , 2018, 39, 78-86.	2.5	4
18	Towards a simple sand and dust abrasion and soiling prediction on solar components: Design of a sand and dust accelerated abrasion chamber based on a vertical particle blower. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Microstructure based simulation of clay composites thermal properties. , 2016, , .		2
20	Building of a PV DSSC small scale prototype based TiO ₂ nano coating with natural pigment. , 2016, , .		2
21	On the analysis of suitable ageing tests of first-surface CSP mirrors in Moroccan outdoor conditions. , 2015, , .		1
22	New transparent conducting oxide based on doped SnO ₂ for solar cells. , 2016, , .		1
23	Properties of TiO ₂ and Dye in Enhancement of Dye-Sensitized Solar Cells' Efficiency. , 2017, , .		1
24	Redesign of an Existing Structure in Ifrane Region for Work Space for a Cooperative. , 2017, , .		1
25	Deposition of transparent Aluminum Oxide (Al ₂ O ₃) films on silvered CSP mirrors. , 2014, , .		0
26	Preparation of an amorphous optically transparent and hydrophobic Al ₂ O ₃ top-protective layer for first-surface CSP reflectors. , 2016, , .		0
27	Biogas System for Zaouiat Sidi Abdessalam - ifrane. , 2017, , .		0
28	Damage Analysis of CSP Parabolic trough Heat Collector Element for Efficiency Improvement. , 2017, , .		0
29	Conversion of carbon dioxide into storable solar fuels using solar energy. IOP Conference Series: Earth and Environmental Science, 2019, 291, 012038.	0.3	0