Asmae Khaldoun

List of Publications by Year
in descending order

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37 papers	446 citations	759233 12 h-index	752698 20 g-index
37 all docs	37 docs citations	37 times ranked	407 citing authors

#	Article	IF	Citations
1	Improvement of WET cleaning technique of CSP reflector mirrors using novel liquids. Materials Today: Proceedings, 2022, 53, 332-335.	1.8	3
2	Thermophysical and Mechanical Assessment of Unfired Clay Bricks with Dry Grass Fibrous Filler. International Journal of Thermophysics, 2022, 43, .	2.1	5
3	Physicochemical, mechanical and thermal performance of lightweight bricks with recycled date pits waste additives. Journal of Building Engineering, 2021, 34, 101867.	3.4	19
4	Mechanical and physicochemical performances of reinforced unfired clay bricks with recycled Typha-fibers waste as a construction material additive. Cleaner Engineering and Technology, 2021, 2, 100037.	4.0	18
5	Recycled wastewater treatment plant sludge as a construction material additive to ecological lightweight earth bricks. Cleaner Engineering and Technology, 2021, 2, 100050.	4.0	22
6	Theoretical and experimental studies of Al-doped ZnO thin films: optical and structural properties. Journal of Computational Electronics, 2021, 20, 1948-1958.	2.5	11
7	Thermal Analysis of Lightweight Clay Bricks with Typha-Fiber Additives. Journal of Energy Engineering - ASCE, 2021, 147, .	1.9	6
8	PV Sizing of a Stand Alone Solar Carport System Linked to Charging Stations and its Economic Analysis (A Case Study). , 2021, , .		4
9	PV Sizing of a Grid Connected Solar Carport System Linked to Charging Stations and its Economic Analysis (A Case Study). , 2021, , .		0
10	Study of the suitability of unfired clay bricks with polymeric HDPE & PET wastes additives as a construction material. Journal of Building Engineering, 2020, 27, 100956.	3.4	40
11	Thermal performance of unfired lightweight clay bricks with HDPE & PET waste plastics additives. Journal of Building Engineering, 2020, 30, 101251.	3.4	28
12	Thermomechanical study of a sandwich material with ecological additives. Construction and Building Materials, 2020, 252, 119093.	7.2	13
13	Influence of stress on the photocatalytic properties of sprayed ZnO thin films. Solar Energy Materials and Solar Cells, 2019, 201, 110058.	6.2	47
14	A novel approach to evaluate soiling adhesion on the surface of CSP reflectors via extended DLVO theory. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
15	Unfired Clay Bricks with Additives and Mechanical Simulation of Perforated Bricks. , 2019, , .		4
16	Direct normal irradiation-based approach for determining potential regions for concentrated solar power installations in Morocco. International Journal of Ambient Energy, 2018, 39, 78-86.	2.5	4
17	Rheology of Clay and Clay Housing in Bensmim. , 2018, , .		1
18	Eco-Friendly Fired Clay Bricks. , 2018, , .		1

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19	The Photovoltaic Energy Potential of Roofs in Zaouiat Sidi-Abdeslam. , 2018, , .		0
20	Thickness effect on the optical properties of TiO2-anatase thin films prepared by ultrasonic spray pyrolysis: Experimental and ab initio study. International Journal of Hydrogen Energy, 2017, 42, 19467-19480.	7.1	25
21	Insulation Material for a Model House in Zaouiat Sidi Abdessalam. , 2017, , .		5
22	Biogas System for Zaouiat Sidi Abdessalam - ifrane. , 2017, , .		0
23	Properties of TiO<inf>2</inf> and Dye in Enhacement 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	Water-resistant surfaces using zinc oxide structured nanorod arrays with switchable wetting property. Surface and Coatings Technology, 2016, 299, 169-176.	4.8	49
26	Deposition of multifunctional TiO2 and ZnO top-protective coatings for CSP application. Surface and Coatings Technology, 2016, 298, 103-113.	4.8	24
27	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
28	Building of a PV DSSC small scale prototype based TiO<inf>2</inf> nano coating with natural pigment. , 2016, , .		2
29	Preparation of an amorphous optically transparent and hydrophobic Al<inf>2</inf>O<inf>3</inf> top-protective layer for first-surface CSP reflectors. , 2016, , .		0
30	Optical Properties of Front and Second Surface Silver-Based and Molybdenum-Based Mirrors. International Journal of Engineering and Technology, 2016, 8, 410-413.	0.2	7
31	On the analysis of suitable ageing tests of first-surface CSP mirrors in Moroccan outdoor conditions. , 2015, , .		1
32	Thermal Characterization of Materials based on Clay and Granular: Cork or Expanded Perlite. Energy Procedia, 2015, 74, 1150-1161.	1.8	28
33	Thermal inertia and thermal properties of the composite material clayâ€“wool. Sustainable Cities and Society, 2015, 19, 191-199.	10.4	46
34	Deposition of transparent Aluminum Oxide (Al<inf>2</inf>O<inf>3</inf>) films on silvered CSP mirrors. , 2014, , .		0
35	Lotus effect and super-hydrophobic coatings for concentrated solar power systems (CSP). , 2014, , .		7
36	WETTABILITY OF MONTMORILLONITE CLAYS IN HUMIC ACID SOLUTIONS. Clays and Clay Minerals, 2003, 51, 65-74.	1.3	12

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37	Transparent and Hydrophilic TiO₂ Anatase as Top-Protective Layer for CSP Reflectors. Advanced Materials Research, 0, 1119, 355-359.	0.3	4