

Asmae Khaldoun

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

446
citations

759233

12
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752698

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37
all docs

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docs citations

37
times ranked

407
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	Thermal inertia and thermal properties of the composite material clay-wool. <i>Sustainable Cities and Society</i> , 2015, 19, 191-199.	10.4	46
4	Study of the suitability of unfired clay bricks with polymeric HDPE & PET wastes additives as a construction material. <i>Journal of Building Engineering</i> , 2020, 27, 100956.	3.4	40
5	Thermal Characterization of Materials based on Clay and Granular: Cork or Expanded Perlite. <i>Energy Procedia</i> , 2015, 74, 1150-1161.	1.8	28
6	Thermal performance of unfired lightweight clay bricks with HDPE & PET waste plastics additives. <i>Journal of Building Engineering</i> , 2020, 30, 101251.	3.4	28
7	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
8	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
9	Recycled wastewater treatment plant sludge as a construction material additive to ecological lightweight earth bricks. <i>Cleaner Engineering and Technology</i> , 2021, 2, 100050.	4.0	22
10	Physicochemical, mechanical and thermal performance of lightweight bricks with recycled date pits waste additives. <i>Journal of Building Engineering</i> , 2021, 34, 101867.	3.4	19
11	Mechanical and physicochemical performances of reinforced unfired clay bricks with recycled Typha-fibers waste as a construction material additive. <i>Cleaner Engineering and Technology</i> , 2021, 2, 100037.	4.0	18
12	Thermomechanical study of a sandwich material with ecological additives. <i>Construction and Building Materials</i> , 2020, 252, 119093.	7.2	13
13	WETTABILITY OF MONTMORILLONITE CLAYS IN HUMIC ACID SOLUTIONS. <i>Clays and Clay Minerals</i> , 2003, 51, 65-74.	1.3	12
14	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
15	Lotus effect and super-hydrophobic coatings for concentrated solar power systems (CSP)., 2014, .		7
16	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
17	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
18	Thermal Analysis of Lightweight Clay Bricks with Typha-Fiber Additives. <i>Journal of Energy Engineering - ASCE</i> , 2021, 147, .	1.9	6

#	ARTICLE	IF	CITATIONS
19	Insulation Material for a Model House in Zaouiat Sidi Abdessalam. , 2017, , .		5
20	Thermophysical and Mechanical Assessment of Unfired Clay Bricks with Dry Grass Fibrous Filler. International Journal of Thermophysics, 2022, 43, .	2.1	5
21	Transparent and Hydrophilic TiO ₂ /Anatase as Top-Protective Layer for CSP Reflectors. Advanced Materials Research, 0, 1119, 355-359.	0.3	4
22	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
23	Unfired Clay Bricks with Additives and Mechanical Simulation of Perforated Bricks. , 2019, , .		4
24	PV Sizing of a Stand Alone Solar Carport System Linked to Charging Stations and its Economic Analysis (A Case Study). , 2021, , .		4
25	Improvement of WET cleaning technique of CSP reflector mirrors using novel liquids. Materials Today: Proceedings, 2022, 53, 332-335.	1.8	3
26	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
27	Building of a PV DSSC small scale prototype based TiO ₂ nano coating with natural pigment. , 2016, , .		2
28	On the analysis of suitable ageing tests of first-surface CSP mirrors in Moroccan outdoor conditions. , 2015, , .		1
29	Properties of TiO ₂ and Dye in Enhancement of Dye-Sensitized Solar Cells' Efficiency. , 2017, , .		1
30	Redesign of an Existing Structure in Ifrane Region for Work Space for a Cooperative. , 2017, , .		1
31	Rheology of Clay and Clay Housing in Bensmim. , 2018, , .		1
32	Eco-Friendly Fired Clay Bricks. , 2018, , .		1
33	Deposition of transparent Aluminum Oxide (Al ₂ O ₃) films on silvered CSP mirrors. , 2014, , .		0
34	Preparation of an amorphous optically transparent and hydrophobic Al ₂ O ₃ top-protective layer for first-surface CSP reflectors. , 2016, , .		0
35	Biogas System for Zaouiat Sidi Abdessalam - ifrane. , 2017, , .		0
36	The Photovoltaic Energy Potential of Roofs in Zaouiat Sidi-Abdeslam. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	PV Sizing of a Grid Connected Solar Carport System Linked to Charging Stations and its Economic Analysis (A Case Study). , 2021, , .		0