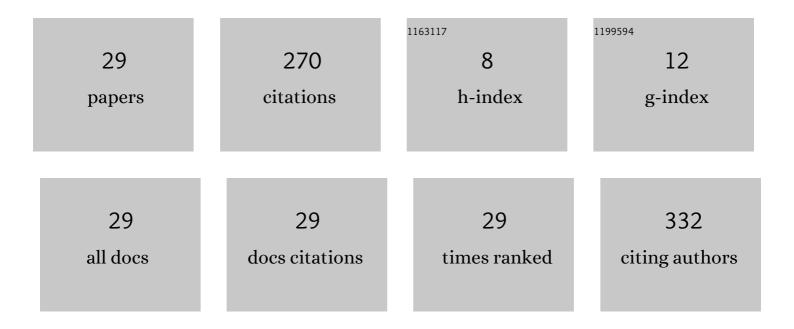
## Houda Ennaceri

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Microalgal dewatering with focus on filtration and antifouling strategies: A review. Algal Research, 2022, 61, 102588.	4.6	19
2	Membrane fouling control for sustainable microalgal biodiesel production: A review. Renewable and Sustainable Energy Reviews, 2022, 161, 112335.	16.4	27
3	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
4	The impact of point defects on the optical and electrical properties of cubic ZrO2. Journal of Computational Electronics, 2020, 19, 940-946.	2.5	5
5	Effect of Morphology on the Photoelectrochemical Activity of TiO2 Self-Organized Nanotube Arrays. Catalysts, 2020, 10, 279.	3.5	12
6	Influence of stress on the photocatalytic properties of sprayed ZnO thin films. Solar Energy Materials and Solar Cells, 2019, 201, 110058.	6.2	47
7	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
8	Conversion of carbon dioxide into storable solar fuels using solar energy. IOP Conference Series: Earth and Environmental Science, 2019, 291, 012038.	0.3	0
9	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
10	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
11	Insulation Material for a Model House in Zaouiat Sidi Abdessalam. , 2017, , .		5
12	Biogas System for Zaouiat Sidi Abdessalam - ifrane. , 2017, , .		0
13	Damage Analysis of CSP Parabolic trough Heat Collector Element for Efficiency Improvement. , 2017, , .		Ο
14	Properties of TiO <inf>2</inf> and Dye in Enhacement of Dye-Sensitized Solar Cells' Efficiency. , 2017, , .		1
15	Redesign of an Existing Structure in Ifrane Region for Work Space for a Cooperative. , 2017, , .		1
16	Water-resistant surfaces using zinc oxide structured nanorod arrays with switchable wetting property. Surface and Coatings Technology, 2016, 299, 169-176.	4.8	49
17	Deposition of multifunctional TiO2 and ZnO top-protective coatings for CSP application. Surface and Coatings Technology, 2016, 298, 103-113.	4.8	24
18	Towards a simple sand and dust abrasion and soiling prediction on solar components: Design of a		2

sand and dust accelerated abrasion chamber based on a vertical particle blower. , 2016, , .

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#	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 <inf>2</inf> nano coating with natural pigment. , 2016, , .		2
21	New transparent conducting oxide based on doped SnO <inf>2</inf> for solar cells. , 2016, , .		1
22	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
23	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
24	On the analysis of suitable ageing tests of first-surface CSP mirrors in Moroccan outdoor conditions. , 2015, , .		1
25	Development and integration of innovative low-cost PV windows based on dye sensitized solar cells technology: Application in Morocco. , 2014, , .		4
26	Deposition of transparent Aluminum Oxide (Al <inf>2</inf> O <inf>3</inf> ) films on silvered CSP mirrors. , 2014, , .		0
27	Lotus effect and super-hydrophobic coatings for concentrated solar power systems (CSP). , 2014, , .		7
28	Modeling the variation of optimum tilt angles for flat-plate solar collectors in Ifrane, Morocco. , 2013, , .		4
29	Transparent and Hydrophilic TiO <sub>2</sub> Anatase as Top-Protective Layer for CSP Reflectors, Advanced Materials Research, 0, 1119, 355-359	0.3	4