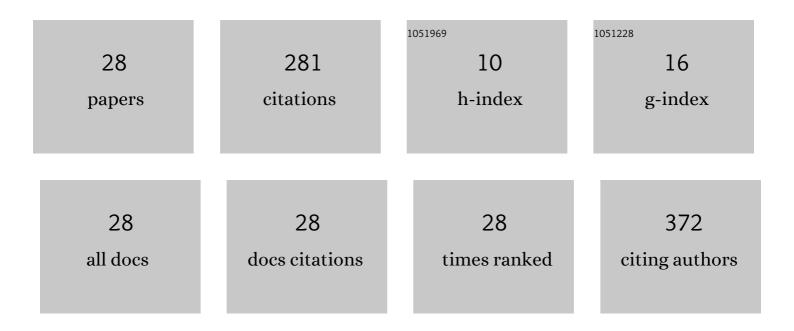
## Amal Al Ghaferi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A user-friendly FIB lift-out technique to prepare plan-view TEM sample of 2D thin film materials. Ultramicroscopy, 2022, 235, 113496.	0.8	4
2	Ultra-Cheap Renewable Energy as an Enabling Technology for Deep Industrial Decarbonization via Capture and Utilization of Process CO2 Emissions. Energies, 2022, 15, 5181.	1.6	2
3	What is going on with Middle Eastern solar prices, and what does it mean for the rest of us?. Progress in Photovoltaics: Research and Applications, 2021, 29, 638-648.	4.4	17
4	Revealing the Quasi-Periodic Crystallographic Structure of Self-Assembled SnTiS <sub>3</sub> Misfit Compound. Journal of Physical Chemistry C, 2021, 125, 9956-9964.	1.5	4
5	Highly electrically conductive carbon nanostructured mats fabricated out of aligned CNTs-based flakes. Diamond and Related Materials, 2020, 106, 107849.	1.8	3
6	Investigation of Magnetic Properties of Î <sup>3</sup> -Fe2O3 NP-Decorated Carbon Nanostructured Mats. Jom, 2019, 71, 3142-3150.	0.9	3
7	Direct growth of single-layer terminated vertical graphene array on germanium by plasma enhanced chemical vapor deposition. Carbon, 2019, 155, 320-325.	5.4	19
8	Thin carbon nanostructure mat with high electromagnetic interference shielding performance. Synthetic Metals, 2019, 253, 48-56.	2.1	15
9	Functionalized three-dimensional graphene sponges for highly efficient crude and diesel oil adsorption. Environmental Science and Pollution Research, 2018, 25, 23091-23105.	2.7	29
10	TC Study of Manufacturable Nano Grease: Evidence of 3D Network Structure. Nanomanufacturing and Metrology, 2018, 1, 148-155.	1.5	7
11	Plasmonic nanofluids enhanced solar thermal transfer liquid. AIP Conference Proceedings, 2017, , .	0.3	5
12	Fabrication and design of CNTs inkjet-printed based micro FET sensor for sodium chloride scale detection in oil field. Sensors and Actuators A: Physical, 2017, 263, 349-356.	2.0	4
13	Effect of Saline Solution on the Electrical Response of Single Wall Carbon Nanotubes-Epoxy Nanocomposites. Journal of Nanomaterials, 2017, 2017, 1-8.	1.5	3
14	Carbon Nanotube Inkjet Printing Based Resettable Sensor for Online Scale Monitoring. Journal of Nanoscience and Nanotechnology, 2017, 17, 405-412.	0.9	2
15	Processing and property investigation of high-density carbon nanostructured papers with superior conductive and mechanical properties. Diamond and Related Materials, 2016, 68, 109-117.	1.8	24
16	Broadband light absorption by silver nanoparticle decorated silica nanospheres. RSC Advances, 2016, 6, 107951-107959.	1.7	10
17	Synthesis and optical characterization of carbon nanotube arrays. Materials Research Bulletin, 2016, 77, 243-252.	2.7	19

18 Carbon nanomaterials based TSVs for dual sensing and vertical interconnect application. , 2015, , .

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#	Article	IF	CITATIONS
19	Holistic Characterization of Carbon Nanotube Membrane for Capacitive Deionization Electrodes Application. Materials Research Society Symposia Proceedings, 2015, 1752, 125-130.	0.1	4
20	The power laws of nanoscale forces under ambient conditions. Chemical Communications, 2015, 51, 17619-17622.	2.2	10
21	Thermal Conductivity of Nanofluids: Review. Journal of Nanofluids, 2015, 4, 107-132.	1.4	59
22	Optimizing the Dispersion Conditions of SWCNTs in Aqueous Solution of Surfactants and Organic Solvents. Journal of Nanomaterials, 2014, 2014, 1-11.	1.5	15
23	Reconciling macro- with nano- carrier mobility measurements in organic photovoltaic blends. Applied Physics Letters, 2014, 104, 173905.	1.5	0
24	An amino acid-based swift synthesis of zinc oxide nanostructures. RSC Advances, 2014, 4, 4371-4378.	1.7	5
25	A green synthetic route for zinc oxide nanoarchitectures using l-lysine. Materials Letters, 2013, 92, 361-364.	1.3	8
26	Carbon Nanostructureâ $\in$ Based Scale Sensors Using Inkjet Printing and Casting Techniques. , 0, , .		0
27	Nanofluids Based on Carbon Nanostructures. , 0, , .		3
28	Realizing High Photovoltaic Power Densities With Tracking-Integrated Concentrator Photovoltaics. Frontiers in Energy Research, 0, 10, .	1.2	1