Hatem Taha

List of Publications by Year
in descending order

13	196	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel Approach for Fabricating Transparent and Conducting SWCNTs/ITO Thin Films for Optoelectronic Applications. Journal of Physical Chemistry C, 2018, 122, 3014-3027.	3.1	33
2	Surface structural features and optical analysis of nanostructured Cu-oxide thin film coatings coated via the sol-gel dip coating method. Ceramics International, 2019, 45, 12888-12894.	4.8	31
3	Improved mechanical properties of sol-gel derived ITO thin films via Ag doping. Materials Today Communications, 2018, 14, 210-224.	1.9	21
4	Sol-gel derived ITO-based bi-layer and tri-layer thin film coatings for organic solar cells applications. Applied Surface Science, 2020, 530, 147164.	6.1	19
5	Structural, morphological, and optical characterizations of Mo, CrN and Mo:CrN sputtered coatings for potential solar selective applications. Applied Surface Science, 2018, 440, 1001-1010.	6.1	18
6	Solar selective performance of metal nitride/oxynitride based magnetron sputtered thin film coatings: a comprehensive review. Journal of Optics (United Kingdom), 2018, 20, 033001.	2.2	18
7	Probing the effects of thermal treatment on the electronic structure and mechanical properties of Ti-doped ITO thin films. Journal of Alloys and Compounds, 2017, 721, 333-346.	5.5	16
8	Improving the optoelectronic properties of titanium-doped indium tin oxide thin films. Semiconductor Science and Technology, 2017, 32, 065011.	2.0	14
9	Extraction, optical properties, and aging studies of natural pigments of various flower plants. Heliyon, 2020, 6, e05104.	3.2	12
10	Studies of annealing impact on the morphological, opto-dielectric and mechanical behaviors of molybdenum-doped CrN coatings. Thin Solid Films, 2019, 677, 119-129.	1.8	5
11	Structural, surface electronic bonding, optical, and mechanical features of sputtering deposited CrNiN coatings with Si and Al additives. Materials Chemistry and Physics, 2022, 277, 125289.	4.0	5
12	A first-principles study of the electronic, structural, and optical properties of CrN and Mo:CrN clusters. Ceramics International, 2019, 45, 17094-17102.	4.8	4
13	Tailoring the structural, morphological, electrical and optical characteristics of transparent and conductive ZnO/Ag-NPs thin film coatings. Journal of Physics: Conference Series, 2021, 1879, 032065.	0.4	0