

# Hussien Sabbah

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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h-index

1058476

14  
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16  
docs citations

16  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Surface-Bound Redox-Active Conjugated Wires Derived From Mono- and Dinuclear Iron(II) and Ruthenium(II) Oligo(phenyleneethynylene) Complexes. <i>Advanced Materials</i> , 2008, 20, 1952-1956.	21.0	54
2	Surface energy and hybridization studies of amorphous carbon surfaces. <i>Applied Surface Science</i> , 2008, 254, 4980-4991.	6.1	51
3	Covalent Grafting of Organic Layers on Sputtered Amorphous Carbon: Surface Preparation and Coverage Density. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3099-3108.	3.1	31
4	Numerical Simulation of 30% Efficient Lead-Free Perovskite CsSnGeI <sub>3</sub> -Based Solar Cells. <i>Materials</i> , 2022, 15, 3229.	2.9	25
5	Numerical Simulation and Optimization of Highly Stable and Efficient Lead-Free Perovskite FA <sub>1-x</sub> Cs <sub>x</sub> SnI <sub>3</sub> -Based Solar Cells Using SCAPS. <i>Materials</i> , 2022, 15, 4761.	2.9	20
6	Bulk and surface plasmon excitations in amorphous carbon measured by core-level photoelectron spectroscopy. <i>Applied Surface Science</i> , 2009, 255, 6598-6606.	6.1	19
7	Thermal grafting of organic monolayers on amorphous carbon and silicon (111) surfaces: A comparative study. <i>Diamond and Related Materials</i> , 2009, 18, 1074-1080.	3.9	11
8	Amorphous titanium dioxide ultra-thin films for self-cleaning surfaces. <i>Materials Express</i> , 2013, 3, 171-175.	0.5	10
9	Modeling Single-Walled Boron Nitride Nanotube Pressure Sensor: Density Functional Study. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 500-506.	0.4	10
10	Derivation of the near-surface dielectric function of amorphous silicon from photoelectron loss spectra. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2019-2022.	3.1	6
11	Effect of sputtering parameters on the self-cleaning properties of amorphous titanium dioxide thin films. <i>Journal of Coatings Technology Research</i> , 2017, 14, 1423-1433.	2.5	6
12	Thermal stability of perfluorinated molecular monolayers immobilized on pulsed laser deposited amorphous carbon surfaces. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 16, 012003.	0.6	2
13	Structural Characterization of Deformed Boron Nitride Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014, 11, 1838-1843.	0.4	2
14	Pressure-Induced Phase Transitions of Single-Walled Carbon Nanotubes: Simulations of X-Ray Diffraction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013, 10, 2631-2635.	0.4	1
15	Selective patterning of covalent molecular grafting on doped amorphous silicon templates. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, NA-NA.	0.8	0
16	Modification of Amorphous Carbon Film Surfaces by Thermal Grafting of Alkene Molecules. <i>Springer Proceedings in Physics</i> , 2009, , 91-93.	0.2	0