

Hagai Cohen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1671225/publications.pdf>

Version: 2024-02-01

20
papers

843
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolayer Damage in XPS Measurements As Evaluated by Independent Methods. <i>Langmuir</i> , 1997, 13, 5089-5106.	3.5	164
2	Controlled surface charging as a depth-profiling probe for mesoscopic layers. <i>Nature</i> , 2000, 406, 382-385.	27.8	143
3	XPS guide: Charge neutralization and binding energy referencing for insulating samples. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	114
4	Chemically resolved electrical measurements using x-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2004, 85, 1271-1273.	3.3	73
5	High-Resolution Lateral Differentiation Using a Macroscopic Probe: XPS of Organic Monolayers on Composite Au/SiO ₂ Surfaces. <i>Journal of the American Chemical Society</i> , 2000, 122, 4959-4962.	13.7	68
6	Protective molecular passivation of black phosphorus. <i>Npj 2D Materials and Applications</i> , 2017, 1, .	7.9	52
7	Light and complex 3D MoS ₂ /graphene heterostructures as efficient catalysts for the hydrogen evolution reaction. <i>Nanoscale</i> , 2020, 12, 2715-2725.	5.6	35
8	Covalent Assembly of Stilbene-Based Monolayers: Factors Controlling Molecular Interactions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17505-17511.	2.6	31
9	Chemically Resolved Photovoltage Measurements in CdSe Nanoparticle Films. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25508-25513.	2.6	31
10	Band Alignment and Internal Field Mapping in Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2872-2876.	4.6	30
11	Site Affinity Effects upon Charge Injection into Siloxane-based Monolayers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1506-1508.	2.6	25
12	Submolecular Potential Profiling Across Organic Monolayers. <i>Nano Letters</i> , 2006, 6, 2848-2851.	9.1	21
13	Band alignment and charge transfer in CsPbBr ₃ /CdSe nanoplatelet hybrids coupled by molecular linkers. <i>Journal of Chemical Physics</i> , 2019, 151, 174704.	3.0	18
14	Guest Transition Metals in Host Inorganic Nanocapsules: Single Sites, Discrete Electron Transfer, and Atomic Scale Structure. <i>Journal of the American Chemical Society</i> , 2020, 142, 14504-14512.	13.7	14
15	Contactless derivation of inner fields in gate-oxide layers: SiO ₂ on SiC. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	7
16	Nanotubes from the Misfit Layered Compound (SmS) _{1.19} TaS ₂ : Atomic Structure, Charge Transfer, and Electrical Properties. <i>Chemistry of Materials</i> , 2022, 34, 1838-1853.	6.7	5
17	Submolecular Gates Self-Assemble for Hot-Electron Transfer in Proteins. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6981-6988.	2.6	4
18	Photoelectrochemical Reduction of Carbon Dioxide with a Copper Graphitic Carbon Nitride Photocathode. <i>Chemistry - A European Journal</i> , 2021, 27, 13513-13517.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Dark and photo-induced charge transport across molecular spacers. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2018, 36, .	1.2	3
20	Catalytic Hydrogen Evolution Reaction Enhancement on Vertically Aligned MoS ₂ by Synergistic Addition of Silver and Palladium. ChemElectroChem, 2020, 7, 4224-4232.	3.4	1