

Amir Ziv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1582108/publications.pdf>

Version: 2024-02-01

10
papers

150
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	AFM-Based Spin-Exchange Microscopy Using Chiral Molecules. <i>Advanced Materials</i> , 2019, 31, e1904206.	21.0	45
2	Role of Exchange Interactions in the Magnetic Response and Intermolecular Recognition of Chiral Molecules. <i>Nano Letters</i> , 2020, 20, 7077-7086.	9.1	35
3	Optical Multilevel Spin Bit Device Using Chiral Quantum Dots. <i>Nano Letters</i> , 2020, 20, 8675-8681.	9.1	30
4	Evidence for new enantiospecific interaction force in chiral biomolecules. <i>CheM</i> , 2021, 7, 2787-2799.	11.7	17
5	Chirality Nanosensor with Direct Electric Readout by Coupling of Nanoforet Localized Plasmons with Electronic Transport. <i>Nano Letters</i> , 2021, 21, 6496-6503.	9.1	10
6	Self-formed nanogap junctions for electronic detection and characterization of molecules and quantum dots. <i>RSC Advances</i> , 2017, 7, 25861-25866.	3.6	6
7	Broad-band high-gain room temperature photodetectors using semiconductor-metal nanoforet hybrids with wide plasmonic response. <i>Nanoscale</i> , 2019, 11, 6368-6376.	5.6	6
8	Molecular Fingerprint Detection Using Portable Water-Compatible Electronic Tunneling Spectroscopy Device. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000605.	3.7	1
9	Molecular Fingerprint Detection: Molecular Fingerprint Detection Using Portable Water-Compatible Electronic Tunneling Spectroscopy Device (<i>Adv. Mater. Interfaces</i> 19/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070106.	3.7	0
10	Magnetic oriented microparticles preparation. <i>MethodsX</i> , 2020, 7, 100975.	1.6	0