

Ainhoa Atxabal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8455327/publications.pdf>

Version: 2024-02-01

19
papers

823
citations

686830

13
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron nitride nanoresonators for phonon-enhanced molecular vibrational spectroscopy at the strong coupling limit. <i>Light: Science and Applications</i> , 2018, 7, 17172-17172.	7.7	257
2	A molecular spin-photovoltaic device. <i>Science</i> , 2017, 357, 677-680.	6.0	147
3	Active Morphology Control for Concomitant Long Distance Spin Transport and Photoresponse in a Single Organic Device. <i>Advanced Materials</i> , 2016, 28, 2609-2615.	11.1	77
4	Determination of energy level alignment at metal/molecule interfaces by in-device electrical spectroscopy. <i>Nature Communications</i> , 2014, 5, 4161.	5.8	40
5	Energy Level Alignment at Metal/Solution-Processed Organic Semiconductor Interfaces. <i>Advanced Materials</i> , 2017, 29, 1606901.	11.1	37
6	Interface-Assisted Sign Inversion of Magnetoresistance in Spin Valves Based on Novel Lanthanide Quinoline Molecules. <i>Advanced Functional Materials</i> , 2018, 28, 1702099.	7.8	35
7	Spin doping using transition metal phthalocyanine molecules. <i>Nature Communications</i> , 2016, 7, 13751.	5.8	30
8	Graphene as an electrode for solution-processed electron-transporting organic transistors. <i>Nanoscale</i> , 2017, 9, 10178-10185.	2.8	30
9	An electron-conducting pyrene-fused phenazinothiadiazole. <i>Chemical Communications</i> , 2015, 51, 10754-10757.	2.2	27
10	Synthesis and Properties of a Twisted and Stable Tetracyano-Substituted Tetrabenzoheptacene. <i>Organic Letters</i> , 2017, 19, 1718-1721.	2.4	27
11	Enhanced Light-Matter Interaction in ^{10}B Monoisotopic Boron Nitride Infrared Nanoresonators. <i>Advanced Optical Materials</i> , 2021, 9, 2001958.	3.6	24
12	K-Conjugated Dibenzoazahexacenes. <i>Organic Letters</i> , 2016, 18, 4694-4697.	2.4	22
13	Bis(triisopropylsilylethynyl)-substituted pyrene-fused tetraazaheptacene: synthesis and properties. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11616-11619.	1.3	18
14	Hot Electrons and Hot Spins at Metal-Organic Interfaces. <i>Advanced Functional Materials</i> , 2018, 28, 1706105.	7.8	12
15	Frequency driven inversion of tunnel magnetoimpedance and observation of positive tunnel magnetocapacitance in magnetic tunnel junctions. <i>Applied Physics Letters</i> , 2016, 109, 052401.	1.5	10
16	Reliable determination of the Cu/n-Si Schottky barrier height by using in-device hot-electron spectroscopy. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	8
17	Strain Effects on the Energy-Level Alignment at Metal/Organic Semiconductor Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12717-12722.	4.0	8
18	Gate-tunable graphene-organic interface barrier for vertical transistor and logic inverter. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	7

#	ARTICLE	IF	CITATIONS
19	Molecular spectroscopy in a solid-state device. <i>Materials Horizons</i> , 2019, 6, 1663-1668.	6.4	7