

Antonietta De Sio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8312607/publications.pdf>

Version: 2024-02-01

19
papers

916
citations

932766

10
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

1548
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent ultrafast charge transfer in an organic photovoltaic blend. <i>Science</i> , 2014, 344, 1001-1005.	6.0	470
2	Tracking the coherent generation of polaron pairs in conjugated polymers. <i>Nature Communications</i> , 2016, 7, 13742.	5.8	149
3	Interplay between Strong Coupling and Radiative Damping of Excitons and Surface Plasmon Polaritons in Hybrid Nanostructures. <i>ACS Nano</i> , 2014, 8, 1056-1064.	7.3	97
4	Vibronic coupling in organic semiconductors for photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18813-18830.	1.3	70
5	Ultrafast relaxation dynamics in a polymer: fullerene blend for organic photovoltaics probed by two-dimensional electronic spectroscopy. <i>European Physical Journal B</i> , 2018, 91, 1.	0.6	27
6	Intermolecular conical intersections in molecular aggregates. <i>Nature Nanotechnology</i> , 2021, 16, 63-68.	15.6	22
7	Ultrafast Charge Carrier Relaxation in Inorganic Halide Perovskite Single Crystals Probed by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5414-5421.	2.1	16
8	Revealing generation, migration, and dissociation of electron-hole pairs and current emergence in an organic photovoltaic cell. <i>Science Advances</i> , 2021, 7, .	4.7	15
9	Coherent Real-Space Charge Transport Across a Donor-Acceptor Interface Mediated by Vibronic Couplings. <i>Nano Letters</i> , 2019, 19, 8630-8637.	4.5	14
10	Thiophene-based copolymers synthesized by electropolymerization for application as hole transport layer in organic solar cells. <i>Journal of Applied Polymer Science</i> , 2013, 127, 585-592.	1.3	10
11	Signatures of Strong Vibronic Coupling Mediating Coherent Charge Transfer in Two-Dimensional Electronic Spectroscopy. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019, 74, 721-737.	0.7	10
12	Probing Temperature-Dependent Recombination Kinetics in Polymer:Fullerene Solar Cells by Electric Noise Spectroscopy. <i>Energies</i> , 2017, 10, 1490.	1.6	7
13	Plasmon-Enhanced Exciton Delocalization in Squaraine-Type Molecular Aggregates. <i>ACS Nano</i> , 2022, 16, 4693-4704.	7.3	6
14	Distinguishing between coherent and incoherent signals in excitation-emission spectroscopy. <i>Optics Express</i> , 2021, 29, 24326.	1.7	3
15	Effects of air and light exposure on the opto-electronic properties of polymer:fullerene solar cells. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1286, 61.	0.1	0
16	Two-dimensional electronic spectroscopy reveals ultrafast dynamics at a conical intersection in an organic photovoltaic material. <i>EPJ Web of Conferences</i> , 2019, 205, 06014.	0.1	0
17	Ultrafast Dynamics through a Conical Intersection in an Organic Photovoltaic Thin Film Probed by two-Dimensional Electronic Spectroscopy. , 2019, , .		0
18	Ultrafast nonadiabatic dynamics through an intermolecular conical intersection. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Probing electron-phonon couplings in halide perovskites crystals by temperature-dependent ultrafast two-dimensional electronic spectroscopy. , 2020, , .		0