

Antonietta De Sio

List of Publications by Year in descending order

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

#	ARTICLE	IF	CITATIONS
19	Effects of air and light exposure on the opto-electronic properties of polymer:fullerene solar cells. Materials Research Society Symposia Proceedings, 2011, 1286, 61.	0.1	0