Demetra Tsokkou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11694589/publications.pdf

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22	466	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	1043
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bipolarons rule the short-range terahertz conductivity in electrochemically doped P3HT. Materials Horizons, 2022, 9, 482-491.	12.2	10
2	Ultrafast Charge Transfer Dynamics at the Origin of Photoconductivity in Doped Organic Solids. Journal of Physical Chemistry C, 2021, 125, 7086-7096.	3.1	4
3	Excited State Dynamics of a Selfâ€Doped Conjugated Polyelectrolyte. Advanced Functional Materials, 2020, 30, 1906148.	14.9	21
4	Excitonâ€“Ligand Interactions in PbS Quantum Dots Capped with Metal Chalcogenides. Journal of Physical Chemistry C, 2020, 124, 27848-27857.	3.1	5
5	Comparing the excited-state properties of a mixed-cationâ€“mixed-halide perovskite to methylammonium lead iodide. Journal of Chemical Physics, 2020, 152, 104703.	3.0	18
6	Polaron Photoconductivity in the Weak and Strong Light-Matter Coupling Regime. Physical Review Letters, 2020, 124, 177401.	7.8	42
7	Photophysics of Methylammonium Lead Tribromide Perovskite: Free Carriers, Excitons, and Subâ€Bandgap States. Advanced Energy Materials, 2020, 10, 1903258.	19.5	20
8	Charge injection and trapping at perovskite interfaces with organic hole transporting materials of different ionization energies. APL Materials, 2019, 7, .	5.1	20
9	Influence of hole transport material ionization energy on the performance of perovskite solar cells. Journal of Materials Chemistry C, 2019, 7, 523-527.	5.5	39
10	Terahertz short-range mobilities in neat and intermixed regions of polymer:fullerene blends with controlled phase morphology. Journal of Materials Chemistry A, 2018, 6, 22301-22309.	10.3	15
11	Hybrid Heterojunctions of Solution-Processed Semiconducting 2D Transition Metal Dichalcogenides. ACS Energy Letters, 2017, 2, 524-531.	17.4	31
12	The Role of Excitons and Free Charges in the Excited-State Dynamics of Solution-Processed Few-Layer MoS₂ Nanoflakes. Journal of Physical Chemistry C, 2016, 120, 23286-23292.	3.1	34
13	Tetraphenylhexaazaanthracenes: 16Ï€ Weakly Antiaromatic Species with Singlet Ground States. Organic Letters, 2015, 17, 4026-4029.	4.6	20
14	Photophysics of PbS Quantum Dot Films Capped with Arsenic Sulfide Ligands. Advanced Energy Materials, 2014, 4, 1301547.	19.5	15
15	Sizeâ€Dependent Charge Transfer in Blends of PbS Quantum Dots with a Lowâ€Gap Siliconâ€Bridged Copolymer. Advanced Energy Materials, 2013, 3, 1490-1499.	19.5	29
16	Carrier dynamics and conductivity of SnO2 nanowires investigated by time-resolved terahertz spectroscopy. Applied Physics Letters, 2012, 100, .	3.3	40
17	Defect states of chemical vapor deposition grown GaN nanowires: Effects and mechanisms in the relaxation of carriers. Journal of Applied Physics, 2009, 106, 054311.	2.5	16
18	Low Temperature Growth of In2O3and InN Nanocrystals on Si(111) via Chemical Vapour Deposition Based on the Sublimation of NH4Cl in In. Nanoscale Research Letters, 2009, 4, 491-7.	5.7	12

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19	Femtosecond Carrier Dynamics in In2O3Nanocrystals. Nanoscale Research Letters, 2009, 4, 526-531.	5.7	10
20	Tin Oxide Nanowires: The Influence of Trap States on Ultrafast Carrier Relaxation. Nanoscale Research Letters, 2009, 4, 828-833.	5.7	35
21	Ultrafast time-resolved spectroscopy of In2O3 nanowires. Journal of Applied Physics, 2009, 106, 084307.	2.5	29
22	Observation of Quantum Confinement Effects with cmd="newline" Ultrashort Excitation in the Vicinity of Direct Critical Points cmd="newline" in Silicon Nanofilms. Research Letters in Physics, 2008, 2008, 1-5.	0.2	1