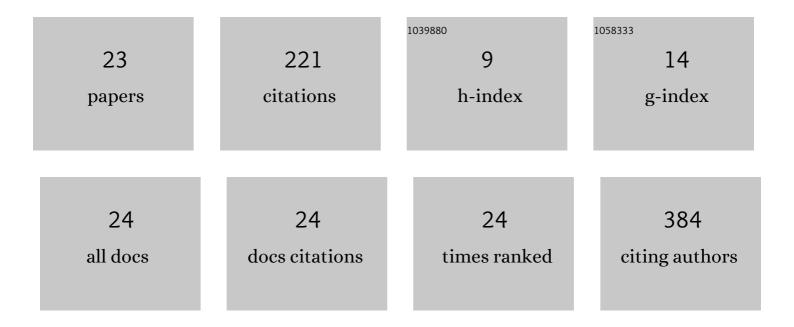
Lorenzo Di Mario

List of Publications by Year in descending order

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LOPENZO DI MARIO

#	Article	IF	CITATIONS
1	Cobalt-Doped ZnO Nanorods Coated with Nanoscale Metal–Organic Framework Shells for Water-Splitting Photoanodes. ACS Applied Nano Materials, 2020, 3, 7781-7788.	2.4	29
2	Highly efficient plasmon-mediated electron injection into cerium oxide from embedded silver nanoparticles. Nanoscale, 2019, 11, 10282-10291.	2.8	27
3	Ultrafast Formation of Small Polarons and the Optical Gap in CeO ₂ . Journal of Physical Chemistry Letters, 2020, 11, 5686-5691.	2.1	23
4	Optical Characterization of Cesium Lead Bromide Perovskites. Crystals, 2019, 9, 280.	1.0	21
5	Ultrafast carrier dynamics, band-gap renormalization, and optical properties of ZnSe nanowires. Physical Review B, 2016, 94, .	1.1	17
6	Ultrafast optical spectroscopy of semiconducting and plasmonic nanostructures and their hybrids. Nanotechnology, 2020, 32, 025703.	1.3	15
7	Crystallization driven boost in fill factor and stability in additive-free organic solar cells. Journal of Materials Chemistry A, 2021, 9, 23783-23792.	5.2	11
8	Disentangling the Temporal Dynamics of Nonthermal Electrons in Photoexcited Gold Nanostructures. Laser and Photonics Reviews, 2021, 15, 2100017.	4.4	10
9	Large-area, high-responsivity, fast and broadband graphene/n-Si photodetector. Nanotechnology, 2021, 32, 155504.	1.3	9
10	Carbon Nanotube Film/Silicon Heterojunction Photodetector for New Cutting-Edge Technological Devices. Applied Sciences (Switzerland), 2021, 11, 606.	1.3	9
11	Effects of Crystal Morphology on the Hot-Carrier Dynamics in Mixed-Cation Hybrid Lead Halide Perovskites. Energies, 2021, 14, 708.	1.6	8
12	Direct growth of Si nanowires on flexible organic substrates. Nanotechnology, 2016, 27, 225601.	1.3	7
13	Time-dependent optical response of three-dimensional Au nanoparticle arrays formed on silica nanowires. Physical Review B, 2018, 97, .	1.1	7
14	Plasmon-induced resonant effects on the optical properties of Ag-decorated ZnSe nanowires. Nanotechnology, 2020, 31, 174001.	1.3	6
15	A Fast Transient Absorption Study of Co(AcAc)3. Frontiers in Chemistry, 2019, 7, 348.	1.8	5
16	Carrier dynamics in silicon nanowires studied via femtosecond transient optical spectroscopy from 1.1 to 3.5 eV. Nanotechnology, 2019, 30, 214001.	1.3	5
17	Electronic properties of Si hollow nanowires. Journal of Applied Physics, 2014, 116, .	1.1	3
18	Optical properties and carrier dynamics in Co-doped ZnO nanorods. Nanoscale Advances, 2021, 3, 214-222.	2.2	3

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#	Article	IF	CITATIONS
19	Measurement of the conformational switching of azobenzenes from the macro- to attomolar scale in self-assembled 2D and 3D nanostructures. Physical Chemistry Chemical Physics, 2021, 23, 11698-11708.	1.3	3
20	Sharp Spectral Variations of the Ultrafast Transient Light Extinction by Bimetallic Nanoparticles in the Nearâ€UV. Advanced Optical Materials, 2021, 9, 2001778.	3.6	2
21	Acoustic Vibration Modes of Gold–Silver Core–Shell Nanoparticles. Chemosensors, 2022, 10, 193.	1.8	1
22	Schottky barrier measurements on individual GaAs nanowires by X-ray photoemission microscopy. Applied Surface Science, 2016, 386, 72-77.	3.1	0
23	Influence of diameter on temperature dynamics of hot carriers in photoexcited GaAsP nanowires. Physical Review B, 2021, 104, .	1.1	0