Arianna Marchioro

List of Publications by Year in Descending Order

25 papers	7,492 citations	14 h-index	25 g-index
25 ext. papers	8,131 ext. citations	10.6 avg, IF	5.34 L-index

#	Paper	IF	Citations
25	Second Harmonic Scattering Reveals Ion-Specific Effects at the SiO and TiO Nanoparticle/Aqueous Interface.. *Journal of Physical Chemistry C*, **2021**, 125, 25261-25274	3.8	6
24	Imaging the Heterogeneity of the Oxygen Evolution Reaction on Gold Electrodes Operando: Activity is Highly Local. *ACS Catalysis*, **2020**, 10, 6084-6093	13.1	9
23	Surface Potential and Interfacial Water Order at the Amorphous TiO Nanoparticle/Aqueous Interface.. *Journal of Physical Chemistry C*, **2020**, 124, 10961-10974	3.8	13
22	Mapping Electrochemical Heterogeneity at Gold Surfaces: A Second Harmonic Imaging Study. *Journal of Physical Chemistry C*, **2020**, 124, 20021-20034	3.8	4
21	Surface Characterization of Colloidal Silica Nanoparticles by Second Harmonic Scattering: Quantifying the Surface Potential and Interfacial Water Order. *Journal of Physical Chemistry C*, **2019** , 123, 20393-20404	3.8	25
20	Extremely Slow Spontaneous Electron Trapping in Photodoped -Type CdSe Nanocrystals. *Chemistry of Materials*, **2017**, 29, 3754-3762	9.6	22
19	Recent Advances in Understanding Delayed Photoluminescence in Colloidal Semiconductor Nanocrystals. *Chimia*, **2017**, 71, 13-17	1.3	1
18	Electron Stability and Negative-Tetron Luminescence in Free-Standing Colloidal n-Type CdSe/CdS Quantum Dots. *ACS Nano*, **2017**, 11, 10430-10438	16.7	14
17	Strong Dependence of Quantum-Dot Delayed Luminescence on Excitation Pulse Width. *Journal of Physical Chemistry Letters*, **2017**, 8, 3997-4003	6.4	9
16	Tunneling in the Delayed Luminescence of Colloidal CdSe, Cu+-Doped CdSe, and CuInS2 Semiconductor Nanocrystals and Relationship to Blinking. *Journal of Physical Chemistry C*, **2016**, 120, 27040-27049	3.8	29
15	Single-Particle Photoluminescence Spectra, Blinking, and Delayed Luminescence of Colloidal CuInS2 Nanocrystals. *Journal of Physical Chemistry C*, **2016**, 120, 17136-17142	3.8	62
14	Luminescent Colloidal Semiconductor Nanocrystals Containing Copper: Synthesis, Photophysics, and Applications. *Chemical Reviews*, **2016**, 116, 10820-51	68.1	223
13	Dynamics of Interfacial Electron Transfer from Betanin to Nanocrystalline TiO2: The Pursuit of Two-Electron Injection. *Journal of Physical Chemistry C*, **2015**, 119, 19030-19041	3.8	13
12	Dynamics of Interfacial Charge Transfer States and Carriers Separation in Dye-Sensitized Solar Cells: A Time-Resolved Terahertz Spectroscopy Study. *Journal of Physical Chemistry C*, **2015**, 119, 26266-26274	3.8	25
11	Unravelling the mechanism of photoinduced charge transfer processes in lead iodide perovskite solar cells. *Nature Photonics*, **2014**, 8, 250-255	33.9	567
10	Kinetics of the Regeneration by Iodide of Dye Sensitizers Adsorbed on Mesoporous Titania. *Journal of Physical Chemistry C*, **2014**, 118, 17108-17115	3.8	19
9	Two-electron photo-oxidation of betanin on titanium dioxide and potential for improved dye-sensitized solar energy conversion **2014**,		4

8	Photoinduced processes in lead iodide perovskite solid-state solar cells **2013**,		11
7	Effect of Posttreatment of Titania Mesoscopic Films by TiCl4 in Solid-State Dye-Sensitized Solar Cells: A Time-Resolved Spectroscopy Study. *Journal of Physical Chemistry C*, **2012**, 116, 26721-26727	3.8	18
6	A cobalt complex redox shuttle for dye-sensitized solar cells with high open-circuit potentials. *Nature Communications*, **2012**, 3, 631	17.4	498
5	Lead iodide perovskite sensitized all-solid-state submicron thin film mesoscopic solar cell with efficiency exceeding 9%. *Scientific Reports*, **2012**, 2, 591	4.9	5719
4	Butyronitrile-based electrolyte for dye-sensitized solar cells. *Journal of the American Chemical Society*, **2011**, 133, 13103-9	16.4	66
3	Dynamics and mechanisms of interfacial photoinduced electron transfer processes of third generation photovoltaics and photocatalysis. *Chimia*, **2011**, 65, 704-9	1.3	10
2	Photoinduced interfacial electron transfer and lateral charge transport in molecular donor-acceptor photovoltaic systems. *Chimia*, **2011**, 65, 353-5	1.3	1
1	The Effect of Hole Transport Material Pore Filling on Photovoltaic Performance in Solid-State Dye-Sensitized Solar Cells. *Advanced Energy Materials*, **2011**, 1, 407-414	21.8	124