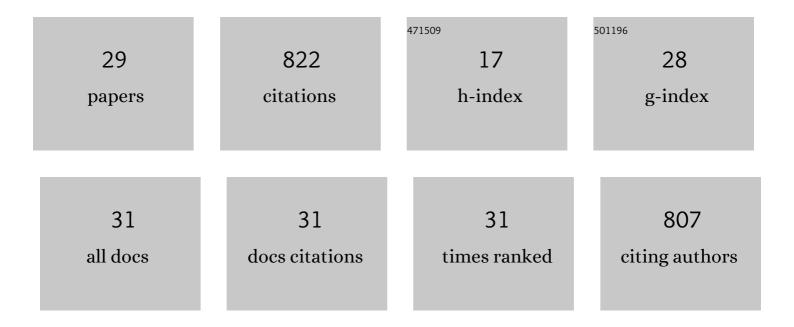
## Amin Morteza-Najarian

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Impact of Ion Migration on the Electroâ€Optic Effect in Hybrid Organic–Inorganic Perovskites. Advanced Functional Materials, 2022, 32, 2107939.	14.9	7
2	Linear Electroâ€Optic Modulation in Highly Polarizable Organic Perovskites. Advanced Materials, 2021, 33, e2006368.	21.0	20
3	Colloidal quantum dot photodetectors with 10-ns response time and 80% quantum efficiency at 1,550Ânm. Matter, 2021, 4, 1042-1053.	10.0	88
4	Electro-Optic Modulation Using Metal-Free Perovskites. ACS Applied Materials & Interfaces, 2021, 13, 19042-19047.	8.0	12
5	Facetâ€Oriented Coupling Enables Fast and Sensitive Colloidal Quantum Dot Photodetectors. Advanced Materials, 2021, 33, e2101056.	21.0	42
6	Ligand Exchange at a Covalent Surface Enables Balanced Stoichiometry in III–V Colloidal Quantum Dots. Nano Letters, 2021, 21, 6057-6063.	9.1	34
7	Rigid Conjugated Diamine Templates for Stable Dion–Jacobson-Type Two-Dimensional Perovskites. Journal of the American Chemical Society, 2021, 143, 19901-19908.	13.7	39
8	Electrostatic Redox Reactions and Charge Storage in Molecular Electronic Junctions. Journal of Physical Chemistry C, 2020, 124, 1739-1748.	3.1	9
9	Structural Distortion and Bandgap Increase of Two-Dimensional Perovskites Induced by Trifluoromethyl Substitution on Spacer Cations. Journal of Physical Chemistry Letters, 2020, 11, 10144-10149.	4.6	22
10	Orthogonal colloidal quantum dot inks enable efficient multilayer optoelectronic devices. Nature Communications, 2020, 11, 4814.	12.8	48
11	Hubbard Nonequilibrium Green's Function Analysis of Photocurrent in Nitroazobenzene Molecular Junction. Journal of Physical Chemistry Letters, 2019, 10, 1550-1557.	4.6	9
12	Hole free phase plate tomography for materials sciences samples. Micron, 2019, 116, 54-60.	2.2	8
13	Long-Range Activationless Photostimulated Charge Transport in Symmetric Molecular Junctions. ACS Nano, 2019, 13, 867-877.	14.6	22
14	Orbital Control of Photocurrents in Large Area All-Carbon Molecular Junctions. Journal of the American Chemical Society, 2018, 140, 1900-1909.	13.7	31
15	Orbital Control of Long-Range Transport in Conjugated and Metal-Centered Molecular Electronic Junctions. Journal of Physical Chemistry C, 2018, 122, 29028-29038.	3.1	16
16	Hole Free Phase Plate Electron Tomography in Material Sciences. Microscopy and Microanalysis, 2018, 24, 2224-2225.	0.4	2
17	Self-Inhibitory Electron Transfer of the Co(III)/Co(II)-Complex Redox Couple at Pristine Carbon Electrode. Analytical Chemistry, 2018, 90, 11115-11123.	6.5	19
18	Structure Controlled Long-Range Sequential Tunneling in Carbon-Based Molecular Junctions. ACS Nano, 2017, 11, 3542-3552.	14.6	38

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#	Article	IF	CITATIONS
19	Ultraflat, Pristine, and Robust Carbon Electrode for Fast Electron-Transfer Kinetics. Analytical Chemistry, 2017, 89, 13532-13540.	6.5	22
20	Surface plasmon driven lowering of the electron emission order in a carbon/gold bilayer film. Applied Physics Letters, 2016, 109, .	3.3	3
21	Robust All-Carbon Molecular Junctions on Flexible or Semi-Transparent Substrates Using "Process-Friendly―Fabrication. ACS Nano, 2016, 10, 8918-8928.	14.6	61
22	Electron transport in all-carbon molecular electronic devices. Faraday Discussions, 2014, 172, 9-25.	3.2	26
23	Solvent selection in ultrasonic-assisted emulsification microextraction: Comparison between high- and low-density solvents by means of novel type of extraction vessel. Analytica Chimica Acta, 2014, 838, 51-57.	5.4	13
24	Speciation of chromium in environmental samples by dual electromembrane extraction system followed by high performance liquid chromatography. Analytica Chimica Acta, 2013, 789, 58-64.	5.4	85
25	Twoâ€phase electromembrane extraction followed by gas chromatographyâ€mass spectrometry analysis. Journal of Separation Science, 2013, 36, 736-743.	2.5	47
26	Electromembrane extraction combined with gas chromatography for quantification of tricyclic antidepressants in human body fluids. Analytica Chimica Acta, 2012, 725, 51-56.	5.4	58
27	Electromembrane extraction of zwitterionic compounds as acid or base: Comparison of extraction behavior at acidic and basic pHs. Analytica Chimica Acta, 2012, 745, 45-52.	5.4	29
28	Preconcentration of Lead in Sugar Samples by Solid Phase Extraction and Its Determination by Flame Atomic Absorption Spectrometry. American Journal of Analytical Chemistry, 2011, 02, 626-631.	0.9	5
29	Selfâ€Aligned Nonâ€Centrosymmetric Conjugated Molecules Enable Electroâ€Optic Perovskites. Advanced Optical Materials, 0, , 2100730.	7.3	6