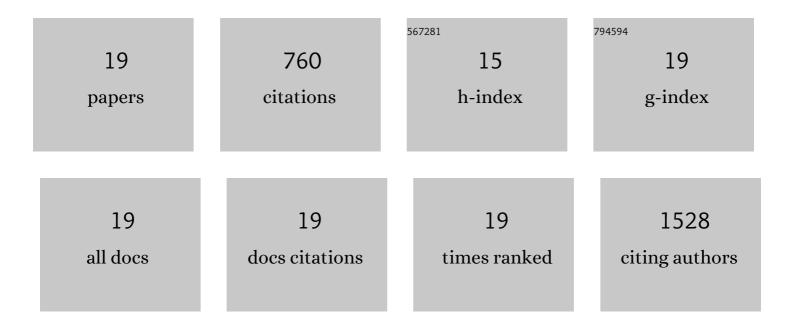
Alaâ€ā[™]O El-Ballouli

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Columnar Mesomorphism of Boardâ€Shaped Perylene, Diketopyrrolopyrrole, Isoindigo, Indigo, and Quinoxalinoâ€Phenanthrophenazine Dyes. ChemPlusChem, 2021, 86, 319-339.	2.8	4
2	Structurally Tunable Two-Dimensional Layered Perovskites: From Confinement and Enhanced Charge Transport to Prolonged Hot Carrier Cooling Dynamics. Journal of Physical Chemistry Letters, 2020, 11, 5705-5718.	4.6	53
3	Compositional, Processing, and Interfacial Engineering of Nanocrystal- and Quantum-Dot-Based Perovskite Solar Cells. Chemistry of Materials, 2019, 31, 6387-6411.	6.7	82
4	Mixed-Valence Cations of Di(carbazol-9-yl) Biphenyl, Tetrahydropyrene, and Pyrene Derivatives. Journal of Physical Chemistry C, 2016, 120, 3156-3166.	3.1	19
5	Overcoming the Cutâ€Off Charge Transfer Bandgaps at the PbS Quantum Dot Interface. Advanced Functional Materials, 2015, 25, 7435-7441.	14.9	18
6	Highly porous and photoluminescent pyrene-quinoxaline-derived benzimidazole-linked polymers. Journal of Materials Chemistry A, 2015, 3, 3006-3010.	10.3	16
7	Crystalline TQPP as p-type semiconductor: X-ray crystallographic investigation, OTFT device, and computational analysis of transport properties. Journal of Molecular Structure, 2015, 1093, 144-149.	3.6	19
8	Lateral extension induces columnar mesomorphism in crucifix shaped quinoxalinophenanthrophenazines. Tetrahedron, 2015, 71, 308-314.	1.9	10
9	A Layerâ€byâ€Layer ZnO Nanoparticle–PbS Quantum Dot Selfâ€Assembly Platform for Ultrafast Interfacial Electron Injection. Small, 2015, 11, 112-118.	10.0	31
10	Synthesis and binding investigations of novel crown-ether derivatives of phenanthro[4,5- <i>abc</i>]phenazine and quinoxalino[2′,3′:9,10]phenanthro[4,5- <i>abc</i>]phenazine. Supramolecular Chemistry, 2014, 26, 15-24.	1.2	7
11	Characterization of Size, Anisotropy, and Density Heterogeneity of Nanoparticles by Sedimentation Velocity. Analytical Chemistry, 2014, 86, 7688-7695.	6.5	74
12	Quantum Confinement-Tunable Ultrafast Charge Transfer at the PbS Quantum Dot and Phenyl-C ₆₁ -butyric Acid Methyl Ester Interface. Journal of the American Chemical Society, 2014, 136, 6952-6959.	13.7	97
13	Real-Time Observation of Ultrafast Intraband Relaxation and Exciton Multiplication in PbS Quantum Dots. ACS Photonics, 2014, 1, 285-292.	6.6	54
14	Automated Synthesis of Photovoltaic-Quality Colloidal Quantum Dots Using Separate Nucleation and Growth Stages. ACS Nano, 2013, 7, 10158-10166.	14.6	97
15	Diarylpyrenes vs. diaryltetrahydropyrenes: Crystal structures, fluorescence, and upconversion photochemistry. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 272, 49-57.	3.9	13
16	Bis(carbazolyl) derivatives of pyrene and tetrahydropyrene: synthesis, structures, optical properties, electrochemistry, and electroluminescence. Journal of Materials Chemistry C, 2013, 1, 1638.	5.5	77
17	Fluorescent detection of anions by dibenzophenazine-based sensors. Tetrahedron Letters, 2012, 53, 661-665.	1.4	38
18	Novel quinoxalinophenanthrophenazine-based molecules as sensors for anions: synthesis and binding investigations. Tetrahedron, 2010, 66, 2944-2952.	1.9	32

#	Article	IF	CITATIONS
19	Solvent-induced configuration mixing and triplet excited-state inversion: insights from transient absorption and transient dc photoconductivity measurements. Physical Chemistry Chemical Physics, 2009, 11, 8586.	2.8	19