

Iryna Davydenko

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

191
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic Polyelectrolyte for Anionic Cyanines: An Efficient Way To Translate Molecular Properties into Material Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 17331-17336.	13.7	12
2	Breaking Down Resonance: Nonlinear Transport and the Breakdown of Coherent Tunneling Models in Single Molecule Junctions. <i>Nano Letters</i> , 2019, 19, 2555-2561.	9.1	32
3	Positional Effects from σ -Bonded Platinum(II) on Intersystem Crossing Rates in Perylenediimide Complexes: Synthesis, Structures, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13848-13862.	3.1	18
4	Design of Near-Infrared-Absorbing Unsymmetrical Polymethine Dyes with Large Quadratic Hyperpolarizabilities. <i>Chemistry of Materials</i> , 2018, 30, 3410-3418.	6.7	35
5	Effects of <i>meso</i> -M(PPh ₃) ₂ Cl (M = Pd, Ni) substituents on the linear and third-order nonlinear optical properties of chalcogenopyrylium-terminated heptamethines in solution and solid states. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3613-3620.	5.5	19
6	Near Length-Independent Conductance in Polymethine Molecular Wires. <i>Nano Letters</i> , 2018, 18, 6387-6391.	9.1	45
7	Crystal structure of 5,6-bis(9 <i>H</i> -carbazol-9-yl)benzo[<i>c</i>][1,2,5]thiadiazole: distortion from a hypothetical higher-symmetry structure. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 319-324.	0.5	1
8	Facile Incorporation of Pd(PPh ₃) ₂ Hal Substituents into Polymethines, Merocyanines, and Perylene Diimides as a Means of Suppressing Intermolecular Interactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 10112-10115.	13.7	29
9	Quantum Transport Properties of π -Conjugated Linear Molecular Junctions. , 0, , .		0
10	Quantum Transport Properties of π -Conjugated Linear Molecular Junctions. , 0, , .		0