

Taylor G Allen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

232
citations

1040056

9
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of two-dimensional covalent organic frameworks with four-arm cores: prediction of remarkable ambipolar charge-transport properties. <i>Materials Horizons</i> , 2019, 6, 1868-1876.	12.2	62
2	Reversible multicolor chromism in layered formamidinium metal halide perovskites. <i>Nature Communications</i> , 2020, 11, 5234.	12.8	48
3	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
4	Highly Conjugated, Fused-Ring, Quadrupolar Organic Chromophores with Large Two-Photon Absorption Cross-Sections in the Near-Infrared. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4367-4378.	2.5	20
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	Linear and Third-Order Nonlinear Optical Properties of Chalcogenopyrylium-Terminated Heptamethine Dyes with Rigid, Bulky Substituents. <i>Advanced Functional Materials</i> , 2018, 28, 1804073.	14.9	17
7	Controlled n-Doping of Naphthalene-Diimide-Based 2D Polymers. <i>Advanced Materials</i> , 2022, 34, e2101932.	21.0	13
8	Nonlinear optical components for all-optical probabilistic graphical model. <i>Nature Communications</i> , 2018, 9, 2128.	12.8	10
9	Reconciling the Driving Force and the Barrier to Charge Separation in Donor-Nonfullerene Acceptor Films. <i>ACS Energy Letters</i> , 2021, 6, 3572-3581.	17.4	10
10	Short and long-range electron transfer compete to determine free-charge yield in organic semiconductors. <i>Materials Horizons</i> , 2022, 9, 312-324.	12.2	4
11	Nonvolatile Tunable Integrated Mid-Infrared GST-SiC Metasurfaces. , 2018, , .		0