

Takaaki Harada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1151013/publications.pdf>

Version: 2024-02-01

25
papers

854
citations

759055

12
h-index

752573

20
g-index

26
all docs

26
docs citations

26
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic-optical phonon up-conversion and hot-phonon bottleneck in lead-halide perovskites. <i>Nature Communications</i> , 2017, 8, 14120.	5.8	330
2	Imaging the motion of electrons across semiconductor heterojunctions. <i>Nature Nanotechnology</i> , 2017, 12, 36-40.	15.6	124
3	Cooperative Binding and Stabilization of the Medicinal Pigment Curcumin by Diamide Linked β -Cyclodextrin Dimers: A Spectroscopic Characterization. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1268-1274.	1.2	62
4	Ultrafast Intrinsic Photoresponse and Direct Evidence of Sub-gap States in Liquid Phase Exfoliated MoS ₂ Thin Films. <i>Scientific Reports</i> , 2015, 5, 11272.	1.6	57
5	Ultrafast Carrier Dynamics in Methylammonium Lead Bromide Perovskite. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2542-2547.	1.5	54
6	Delivery of Curcumin and Medicinal Effects of the Copper(II)-Curcumin Complexes. <i>Current Pharmaceutical Design</i> , 2013, 19, 2070-2083.	0.9	29
7	Diamide Linked β -Cyclodextrin Dimers as Molecular-Scale Delivery Systems for the Medicinal Pigment Curcumin to Prostate Cancer Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 4481-4490.	2.3	27
8	Nanoprecipitation and Spectroscopic Characterization of Curcumin-Encapsulated Polyester Nanoparticles. <i>Langmuir</i> , 2015, 31, 11419-11427.	1.6	25
9	Nanosecond long excited state lifetimes observed in hafnium nitride. <i>Solar Energy Materials and Solar Cells</i> , 2017, 169, 13-18.	3.0	19
10	Low-Bandgap Conjugated Polymer Dots for Near-Infrared Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 4801-4808.	2.4	19
11	Engineering Photophenomena in Large, 3D Structures Composed of Self-Assembled van der Waals Heterostructure Flakes. <i>Advanced Optical Materials</i> , 2015, 3, 1551-1556.	3.6	17
12	The Capture and Stabilization of Curcumin Using Hydrophobically Modified Polyacrylate Aggregates and Hydrogels. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9515-9523.	1.2	14
13	Delivery of Curcumin and Medicinal Effects of the Copper(II)-Curcumin Complexes. <i>Current Pharmaceutical Design</i> , 2013, 19, 2070-2083.	0.9	12
14	Excited-state dynamics of the medicinal pigment curcumin in a hydrogel. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28125-28133.	1.3	12
15	Terahertz-frequency magnetoelectric effect in Ni-doped $\text{CaBaCo}_4\text{O}_{12}$. <i>Physical Review B</i> , 2017, 96, 114407.	1.1	12
16	Observation of Hot Carriers Existing in Ag ₂ S Nanoparticles and Its Implication on Solar Cell Application. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10199-10205.	1.5	11
17	Obtaining Cross-Sections of Paint Layers in Cultural Artifacts Using Femtosecond Pulsed Lasers. <i>Materials</i> , 2017, 10, 107.	1.3	11
18	Optical Properties of the Atomically Precise C_{40} Core $[\text{Au}_9(\text{PPh}_3)_3\text{C}_8]^{3+}$ Cluster Probed by Transient Absorption Spectroscopy and Time-Dependent Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2033-2044.	1.5	8

#	ARTICLE	IF	CITATIONS
19	Generation of Fluorescent and Stable Conjugated Polymer Nanoparticles with Hydrophobically Modified Poly(acrylate)s. <i>Macromolecules</i> , 2016, 49, 8530-8539.	2.2	6
20	Femtosecond Transient Absorption Spectroscopy of the Medicinal Agent Curcumin in Diamide Linked β -Cyclodextrin Dimers. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2425-2433.	1.2	5
21	Emergent photophenomena in three dimensional van der Waals heterostructures. , 2015, , .		0
22	Ultrafast charge generation and relaxation dynamics in methylammonium lead bromide perovskites. , 2015, , .		0
23	Applicability of Femtosecond Lasers in the Cross-section Sampling of Works of Art. <i>MRS Advances</i> , 2017, 2, 1801-1804.	0.5	0
24	Nonlinear Optical Responses of Protected Atomically Thin Black Phosphorus. , 2016, , .		0
25	Imaging electron motion in 2D semiconductor heterojunctions. , 2017, , .		0