Takaaki Harada

List of Publications by Year
in descending order

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

Version: 2024-02-01

		759233	752698
25	854	12	20
papers	citations	h-index	g-index

26	26	26	2065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical Properties of the Atomically Precise C₄ Core [Au₉(PPh₃)₈]³⁺ Cluster Probed by Transient Absorption Spectroscopy and Time-Dependent Density Functional Theory. Journal of Physical Chemistry C, 2021, 125, 2033-2044.	3.1	8
2	Low-Bandgap Conjugated Polymer Dots for Near-Infrared Fluorescence Imaging. ACS Applied Nano Materials, 2018, 1, 4801-4808.	5.0	19
3	Acoustic-optical phonon up-conversion and hot-phonon bottleneck in lead-halide perovskites. Nature Communications, 2017, 8, 14120.	12.8	330
4	Nanosecond long excited state lifetimes observed in hafnium nitride. Solar Energy Materials and Solar Cells, 2017, 169, 13-18.	6.2	19
5	Terahertz-frequency magnetoelectric effect in Ni-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaBaCo</mml:mi><mml:mn>4</mml:mn><mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	3.2	12
6	Applicability of Femtosecond Lasers in the Cross-section Sampling of Works of Art. MRS Advances, 2017, 2, 1801-1804.	0.9	0
7	Imaging the motion of electrons across semiconductor heterojunctions. Nature Nanotechnology, 2017, 12, 36-40.	31.5	124
8	Obtaining Cross-Sections of Paint Layers in Cultural Artifacts Using Femtosecond Pulsed Lasers. Materials, 2017, 10, 107.	2.9	11
9	Imaging electron motion in 2D semiconductor heterojunctions. , 2017, , .		0
10	Observation of Hot Carriers Existing in Ag₂S Nanoparticles and Its Implication on Solar Cell Application. Journal of Physical Chemistry C, 2016, 120, 10199-10205.	3.1	11
11	Excited-state dynamics of the medicinal pigment curcumin in a hydrogel. Physical Chemistry Chemical Physics, 2016, 18, 28125-28133.	2.8	12
12	Generation of Fluorescent and Stable Conjugated Polymer Nanoparticles with Hydrophobically Modified Poly(acrylate)s. Macromolecules, 2016, 49, 8530-8539.	4.8	6
13	Ultrafast Carrier Dynamics in Methylammonium Lead Bromide Perovskite. Journal of Physical Chemistry C, 2016, 120, 2542-2547.	3.1	54
14	Nonlinear Optical Responses of Protected Atomically Thin Black Phosphorus. , 2016, , .		0
15	Engineering Photophenomena in Large, 3D Structures Composed of Selfâ€Assembled van der Waals Heterostructure Flakes. Advanced Optical Materials, 2015, 3, 1551-1556.	7.3	17
16	Emergent photophenomena in three dimensional van der Waals heterostructures. , 2015, , .		0
17	Ultrafast charge generation and relaxation dynamics in methylammonium lead bromide perovskites. , 2015, , .		0
18	Ultrafast Intrinsic Photoresponse and Direct Evidence of Sub-gap States in Liquid Phase Exfoliated MoS2Thin Films. Scientific Reports, 2015, 5, 11272.	3.3	57

#	Article	IF	Citations
19	Nanoprecipitation and Spectroscopic Characterization of Curcumin-Encapsulated Polyester Nanoparticles. Langmuir, 2015, 31, 11419-11427.	3.5	25
20	Femtosecond Transient Absorption Spectroscopy of the Medicinal Agent Curcumin in Diamide Linked Î³-Cyclodextrin Dimers. Journal of Physical Chemistry B, 2015, 119, 2425-2433.	2.6	5
21	The Capture and Stabilization of Curcumin Using Hydrophobically Modified Polyacrylate Aggregates and Hydrogels. Journal of Physical Chemistry B, 2014, 118, 9515-9523.	2.6	14
22	Diamide Linked Î³-Cyclodextrin Dimers as Molecular-Scale Delivery Systems for the Medicinal Pigment Curcumin to Prostate Cancer Cells. Molecular Pharmaceutics, 2013, 10, 4481-4490.	4.6	27
23	Delivery of Curcumin and Medicinal Effects of the Copper(II)-Curcumin Complexes. Current Pharmaceutical Design, 2013, 19, 2070-2083.	1.9	12
24	Delivery of Curcumin and Medicinal Effects of the Copper(II)-Curcumin Complexes. Current Pharmaceutical Design, 2013, 19, 2070-2083.	1.9	29
25	Cooperative Binding and Stabilization of the Medicinal Pigment Curcumin by Diamide Linked Î³-Cyclodextrin Dimers: A Spectroscopic Characterization. Journal of Physical Chemistry B, 2011, 115, 1268-1274.	2.6	62