

Eero Hulkko

List of Publications by Year in descending order

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19
papers

526
citations

1040018

9
h-index

839512

18
g-index

19
all docs

19
docs citations

19
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeing a single molecule vibrate through time-resolved coherent anti-Stokes Raman scattering. <i>Nature Photonics</i> , 2014, 8, 650-656.	31.4	220
2	Electronic and Vibrational Signatures of the Au ₁₀₂ (p-MBA) ₄₄ Cluster. <i>Journal of the American Chemical Society</i> , 2011, 133, 3752-3755.	13.7	80
3	Covalently linked multimers of gold nanoclusters Au ₁₀₂ (p-MBA) ₄₄ and Au ₄₂₅₀ (p-MBA) _n . <i>Nanoscale</i> , 2016, 8, 18665-18674.	5.6	59
4	Observation and analysis of Fano-like lineshapes in the Raman spectra of molecules adsorbed at metal interfaces. <i>Physical Review B</i> , 2016, 93, .	3.2	40
5	Effect of molecular Stokes shift on polariton dynamics. <i>Journal of Chemical Physics</i> , 2021, 154, 154303.	3.0	23
6	Dithiol-Induced Oligomerization of Thiol-Protected Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12524-12533.	3.1	19
7	From Monomer to Bulk: Appearance of the Structural Motif of Solid Iodine in Small Clusters. <i>Journal of the American Chemical Society</i> , 2009, 131, 1050-1056.	13.7	18
8	Orientation-Dependent Handedness of Chiral Plasmons on Nanosphere Dimers: How to Turn a Right Hand into a Left Hand. <i>ACS Photonics</i> , 2016, 3, 2482-2489.	6.6	18
9	Iodine-Benzene Complex as a Candidate for a Real-Time Control of a Bimolecular Reaction. Spectroscopic Studies of the Properties of the 1:1 Complex Isolated in Solid Krypton. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6326-6333.	2.5	15
10	Vibrational Characterization of the 1:1 Iodine-Benzene Complex Isolated in Solid Krypton. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5025-5027.	2.5	7
11	Covalent and non-covalent coupling of a Au ₁₀₂ nanocluster with a fluorophore: energy transfer, quenching and intracellular pH sensing. <i>Nanoscale Advances</i> , 2021, 3, 6649-6658.	4.6	7
12	Deterministic Modification of CVD Grown Monolayer MoS ₂ with Optical Pulses. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002119.	3.7	6
13	Impulsive excitation of high vibrational states in I ₂ -Xe complex on the electronic ground state. <i>Chemical Physics Letters</i> , 2010, 491, 44-48.	2.6	3
14	Rotational coherence imaging and control for CN molecules through time-frequency resolved coherent anti-Stokes Raman scattering. <i>Journal of Chemical Physics</i> , 2011, 135, 224514.	3.0	3
15	Chemically Selective Imaging of Individual Bonds through Scanning Electron Energy-Loss Spectroscopy: Disulfide Bridges Linking Gold Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 796-799.	4.6	3
16	Electronic spectroscopy of I ₂ -Xe complexes in solid Krypton. <i>Journal of Chemical Physics</i> , 2012, 136, 174501.	3.0	2
17	Dynamics Behind the Long-Lived Coherences of I ₂ in Solid Xe. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4884-4897.	2.5	2
18	Long-Lived Electronic Coherence of Iodine in the Condensed Phase: Sharp Zero-Phonon Lines in the B ¹ X Absorption and Emission of I ₂ in Solid Xe. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1847-1852.	4.6	1

#	ARTICLE	IF	CITATIONS
19	Optical Modification of Monolayer MoS ₂ : Deterministic Modification of CVD Grown Monolayer MoS ₂ with Optical Pulses (Adv. Mater. Interfaces 10/2021). Advanced Materials Interfaces, 2021, 8, 2170056.	3.7	0