Charles R Cherqui

List of Publications by Year
in descending order

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27	803	516710 16	552781 26
papers	citations	h-index	g-index

28	28	28	1189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polariton Dynamics in Two-Dimensional Ruddlesdenâ€“Popper Perovskites Strongly Coupled with Plasmonic Lattices. ACS Nano, 2022, 16, 3917-3925.	14.6	17
2	Multimetallic Nanoparticles on Mirrors for SERS Detection. Journal of Physical Chemistry C, 2021, 125, 12784-12791.	3.1	6
3	Mechanism of Long-Range Energy Transfer from Quantum Dots to Black Phosphorus. Journal of Physical Chemistry C, 2021, 125, 15458-15464.	3.1	6
4	Lattice Kerker Effect with Plasmonic Oligomers. Journal of Physical Chemistry C, 2021, 125, 18817-18826.	3.1	7
5	Strong Coupling Between Plasmons and Molecular Excitons in Metalâ€“Organic Frameworks. Nano Letters, 2021, 21, 7775-7780.	9.1	21
6	Revealing the Three-Dimensional Orientation and Interplay between Plasmons and Interband Transitions for Single Gold Bipyramids by Photoluminescence Excitation Pattern Imaging. Journal of Physical Chemistry C, 2021, 125, 26978-26985.	3.1	3
7	Active Plasmonics and Active Chiral Plasmonics through Orientation-Dependent Multipolar Interactions. ACS Nano, 2020, 14, 11518-11532.	14.6	15
8	Room Temperature Weak-to-Strong Coupling and the Emergence of Collective Emission from Quantum Dots Coupled to Plasmonic Arrays. ACS Nano, 2020, 14, 7347-7357.	14.6	47
9	Hierarchical Hybridization in Plasmonic Honeycomb Lattices. Nano Letters, 2019, 19, 6435-6441.	9.1	47
10	Plasmonic Surface Lattice Resonances: Theory and Computation. Accounts of Chemical Research, 2019, 52, 2548-2558.	15.6	119
11	Tip-Enhanced Raman Excitation Spectroscopy (TERES): Direct Spectral Characterization of the Gap-Mode Plasmon. Nano Letters, 2019, 19, 7309-7316.	9.1	31
12	Multipolar Nanocube Plasmon Mode-Mixing in Finite Substrates. Journal of Physical Chemistry Letters, 2018, 9, 504-512.	4.6	19
13	Plasmonic Landau damping in active environments. Physical Review B, 2018, 97, .	3.2	11
14	Tunable Spectral Ordering of Magnetic Plasmon Resonances in Noble Metal Nanoclusters. ACS Photonics, 2018, 5, 3272-3281.	6.6	13
15	Noninvasive Cathodoluminescence-Activated Nanoimaging of Dynamic Processes in Liquids. ACS Nano, 2017, 11, 10583-10590.	14.6	6
16	STEM/EELS Imaging of Magnetic Hybridization in Symmetric and Symmetry-Broken Plasmon Oligomer Dimers and All-Magnetic Fano Interference. Nano Letters, 2016, 16, 6668-6676.	9.1	24
17	Optical microresonators as single-particle absorption spectrometers. Nature Photonics, 2016, 10, 788-795.	31.4	143
18	Characterizing Localized Surface Plasmons Using Electron Energy-Loss Spectroscopy. Annual Review of Physical Chemistry, 2016, 67, 331-357.	10.8	55

#	Article	IF	Citations
19	Imaging Plasmon Hybridization in Metal Nanoparticle Aggregates with Electron Energy-Loss Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 20852-20859.	3.1	25
20	Electron Energy Loss Spectroscopy Study of the Full Plasmonic Spectrum of Self-Assembled Auâ€“Ag Alloy Nanoparticles: Unraveling Size, Composition, and Substrate Effects. ACS Photonics, 2016, 3, 130-138.	6.6	32
21	Nanoscopic imaging of energy transfer from single plasmonic particles to semiconductor substrates via STEM/EELS. Microscopy and Microanalysis, 2015, 21, 1909-1910.	0.4	0
22	Quantum Beats from Entangled Localized Surface Plasmons. ACS Photonics, 2015, 2, 157-164.	6.6	19
23	Examining Substrate-Induced Plasmon Mode Splitting and Localization in Truncated Silver Nanospheres with Electron Energy Loss Spectroscopy. Journal of Physical Chemistry Letters, 2015, 6, 2569-2576.	4.6	29
24	Spatially Mapping Energy Transfer from Single Plasmonic Particles to Semiconductor Substrates via STEM/EELS. Nano Letters, 2015, 15, 3465-3471.	9.1	77
25	Combined Tight-Binding and Numerical Electrodynamics Understanding of the STEM/EELS Magneto-optical Responses of Aromatic Plasmon-Supporting Metal Oligomers. ACS Photonics, 2014, 1, 1013-1024.	6.6	20
26	Effect of Localized Surface-Plasmon Mode on Exciton Transport and Radiation Emission in Carbon Nanotubes. Journal of Physical Chemistry B, 2014, 118, 8070-8080.	2.6	5
27	Shape invariance and the exactness of the quantum Hamiltonâ€“Jacobi formalism. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1406-1415.	2.1	6