Linfei Li

List of Publications by Year
in descending order

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35 papers	3,550 citations	430442 18 h-index	433756 31 g-index
39 all docs	39 docs citations	39 times ranked	4703 citing authors

#	Article	IF	Citations
1	Controlling Localized Plasmons via an Atomistic Approach: Attainment of Site-Selective Activation inside a Single Molecule. Journal of the American Chemical Society, 2022, 144, 2051-2055.	6.6	14
2	Chemically imaging nanostructures formed by the covalent assembly of molecular building blocks on a surface with ultrahigh vacuum tip-enhanced Raman spectroscopy. Journal of Physics Condensed Matter, 2022, 34, 204008.	0.7	4
3	Chemically identifying single adatoms with single-bond sensitivity during oxidation reactions of borophene. Nature Communications, 2022, 13, 1796.	5.8	18
4	Direct evidence of two-dimensional electron gas-like band structures in hafnene. Nano Research, 2022, 15, 3770-3774.	5.8	0
5	Methods to fabricate and recycle plasmonic probes for ultrahigh vacuum scanning tunneling microscopyâ€based tipâ€enhanced Raman spectroscopy. Journal of Raman Spectroscopy, 2021, 52, 573-580.	1.2	12
6	Size effect in two-dimensional oxide-on-metal catalysts of CO oxidation and its connection to oxygen bonding: An experimental and theoretical approach. Journal of Catalysis, 2021, 393, 100-106.	3.1	7
7	Shallowing interfacial carrier trap in transition metal dichalcogenide heterostructures with interlayer hybridization. Nano Research, 2021, 14, 1390-1396.	5.8	9
8	On-Surface Synthesis and Molecular Engineering of Carbon-Based Nanoarchitectures. ACS Nano, 2021, 15, 3578-3585.	7.3	15
9	Proximity and single-molecule energetics. Science, 2021, 373, 392-393.	6.0	3
10	Angstrom-Scale Spectroscopic Visualization of Interfacial Interactions in an Organic/Borophene Vertical Heterostructure. Journal of the American Chemical Society, 2021, 143, 15624-15634.	6.6	29
11	Defining Multiple Configurations of Rubrene on a Ag(100) Surface with 5 Ã... Spatial Resolution via Ultrahigh Vacuum Tip-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 2420-2426.	1.5	26
12	The Expanding Frontiers of Tip-Enhanced Raman Spectroscopy. Applied Spectroscopy, 2020, 74, 1313-1340.	1.2	26
13	Tip-enhanced Raman spectroscopy: Chemical analysis with nanoscale to angstrom scale resolution. Journal of Chemical Physics, 2020, 153, 010902.	1.2	48
14	The Coalescence Behavior of Two-Dimensional Materials Revealed by Multiscale In Situ Imaging during Chemical Vapor Deposition Growth. ACS Nano, 2020, 14, 1902-1918.	7.3	35
15	Hafnene on Ir(111). Springer Theses, 2020, , 37-46.	0.0	0
16	Monolayer PtSe2. Springer Theses, 2020, , 47-56.	0.0	0
17	Angstrom Scale Chemical Analysis of Metal Supported Trans- and Cis-Regioisomers by Ultrahigh Vacuum Tip-Enhanced Raman Mapping. Nano Letters, 2019, 19, 3267-3272.	4.5	46
18	Carbon Monoxide Oxidation on Metalâ€Supported Monolayer Oxide Films: Establishing Which Interface is Active. Angewandte Chemie - International Edition, 2018, 57, 1261-1265.	7.2	39

#	Article	IF	Citations
19	Model systems in heterogeneous catalysis: towards the design and understanding of structure and electronic properties. Faraday Discussions, 2018, 208, 307-323.	1.6	8
20	Planar model system of the Phillips (Cr/SiO2) catalyst based on a well-defined thin silicate film. Journal of Catalysis, 2018, 357, 12-19.	3.1	14
21	Fabrication of grapheneâ€“silicon layered heterostructures by carbon penetration of silicon film. Nanotechnology, 2017, 28, 084003.	1.3	3
22	Transition Metal Induced Crystallization of Ultrathin Silica Films. Chemistry of Materials, 2017, 29, 931-934.	3.2	10
23	Direct observation of spin-layer locking by local Rashba effect in monolayer semiconducting PtSe2 film. Nature Communications, 2017, 8, 14216.	5.8	151
24	Intrinsically patterned two-dimensional materials for selective adsorption of molecules andÂnanoclusters. Nature Materials, 2017, 16, 717-721.	13.3	150
25	Preparation and structure of Fe-containing aluminosilicate thin films. Physical Chemistry Chemical Physics, 2016, 18, 25027-25035.	1.3	17
26	Monolayer PtSe₂, a New Semiconducting Transition-Metal-Dichalcogenide, Epitaxially Grown by Direct Selenization of Pt. Nano Letters, 2015, 15, 4013-4018.	4.5	560
27	Construction of 2D Atomic Crystals on Transition Metal Surfaces: Graphene, Silicene, and Hafnene. Small, 2014, 10, 2215-2225.	5.2	91
28	Buckled Germanene Formation on Pt(111). Advanced Materials, 2014, 26, 4820-4824.	11.1	770
29	Buckled Silicene Formation on Ir(111). Nano Letters, 2013, 13, 685-690.	4.5	1,074
30	Two-Dimensional Transition Metal Honeycomb Realized: Hf on Ir(111). Nano Letters, 2013, 13, 4671-4674.	4.5	102
31	Hafnium intercalation between epitaxial graphene and Ir(111) substrate. Applied Physics Letters, 2013, 102, .	1.5	23
32	Reversible Single Spin Control of Individual Magnetic Molecule by Hydrogen Atom Adsorption. Scientific Reports, 2013, 3, 1210.	1.6	115
33	Silicon intercalation at the interface of graphene and Ir(111). Applied Physics Letters, 2012, 100, .	1.5	67
34	Multi-oriented moirÃ© superstructures of graphene on Ir(111): experimental observations and theoretical models. Journal of Physics Condensed Matter, 2012, 24, 314214.	0.7	60
35	Chemical Characterization of a Three-Dimensional Double-Decker Molecule on a Surface via Scanning-Tunneling-Microscopy-Based Tip-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 0, , .	1.5	4