

Ondřej Krejčí

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

939
citations

759233

12
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	Biphenylene network: A nonbenzenoid carbon allotrope. <i>Science</i> , 2021, 372, 852-856.	12.6	379
2	Principles and simulations of high-resolution STM imaging with a flexible tip apex. <i>Physical Review B</i> , 2017, 95, .	3.2	76
3	Automated structure discovery in atomic force microscopy. <i>Science Advances</i> , 2020, 6, eaay6913.	10.3	71
4	Non-covalent control of spin-state in metal-organic complex by positioning on N-doped graphene. <i>Nature Communications</i> , 2018, 9, 2831.	12.8	68
5	Control of Reactivity and Regioselectivity for On-Surface Dehydrogenative Aryl-Aryl Bond Formation. <i>Journal of the American Chemical Society</i> , 2016, 138, 5585-5593.	13.7	67
6	Three-dimensional graphene nanoribbons as a framework for molecular assembly and local probe chemistry. <i>Science Advances</i> , 2020, 6, eaay8913.	10.3	58
7	Diacetylene Linked Anthracene Oligomers Synthesized by One-Shot Homocoupling of Trimethylsilyl on Cu(111). <i>ACS Nano</i> , 2018, 12, 8791-8797.	14.6	41
8	Elemental Identification by Combining Atomic Force Microscopy and Kelvin Probe Force Microscopy. <i>ACS Nano</i> , 2018, 12, 5274-5283.	14.6	37
9	On-Surface Synthesis of a π -Extended Diaza[8]circulene. <i>Journal of the American Chemical Society</i> , 2020, 142, 11363-11369.	13.7	34
10	Submolecular Resolution by Variation of the Inelastic Electron Tunneling Spectroscopy Amplitude and its Relation to the AFM/STM Signal. <i>Physical Review Letters</i> , 2017, 119, 166001.	7.8	30
11	Synthesis and Local Probe Gating of a Monolayer Metal-Organic Framework. <i>Advanced Functional Materials</i> , 2021, 31, 2100519.	14.9	18
12	Bonding Motifs in Metal-Organic Compounds on Surfaces. <i>Journal of the American Chemical Society</i> , 2018, 140, 12884-12889.	13.7	16
13	Electrostatic Discovery Atomic Force Microscopy. <i>ACS Nano</i> , 2022, 16, 89-97.	14.6	11
14	Real-Time Elucidation of Catalytic Pathways in CO Hydrogenation on Ru. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3820-3825.	4.6	9
15	Synthesis of Regioisomeric Graphene Nanoribbon Junctions via Heteroprecursors. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17632-17638.	3.1	8
16	Integrating Bayesian Inference with Scanning Probe Experiments for Robust Identification of Surface Adsorbate Configurations. <i>Advanced Functional Materials</i> , 2021, 31, 2010853.	14.9	6
17	Transformation of metallic boron into substitutional dopants in graphene on $6H-SiC(0001)$. <i>Physical Review B</i> , 2016, 93, .	3.2	5
18	Interface dipoles of $Ir(ppy)_3$ on Cu(111). <i>Nanoscale</i> , 2019, 11, 12695-12703.	5.6	3

#	ARTICLE	IF	CITATIONS
19	Anomalous structural evolution and 3×3 reconstruction of a clean Si(111) surface observed after thermal desorption of thallium. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, 021408.	2.1	1
20	Integrating Bayesian Inference with Scanning Probe Experiments for Robust Identification of Surface Adsorbate Configurations (<i>Adv. Funct. Mater.</i> 32/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170235.	14.9	0