

Ondřej Krejčí

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

939
citations

759233

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794594

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all docs

22
docs citations

22
times ranked

1161
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Electrostatic Discovery Atomic Force Microscopy. ACS Nano, 2022, 16, 89-97. | 14.6 | 11 |
| 2 | Synthesis and Local Probe Gating of a Monolayer Metal-Organic Framework. Advanced Functional Materials, 2021, 31, 2100519. | 14.9 | 18 |
| 3 | Integrating Bayesian Inference with Scanning Probe Experiments for Robust Identification of Surface Adsorbate Configurations. Advanced Functional Materials, 2021, 31, 2010853. | 14.9 | 6 |
| 4 | Biphenylene network: A nonbenzenoid carbon allotrope. Science, 2021, 372, 852-856. | 12.6 | 379 |
| 5 | Integrating Bayesian Inference with Scanning Probe Experiments for Robust Identification of Surface Adsorbate Configurations (Adv. Funct. Mater. 32/2021). Advanced Functional Materials, 2021, 31, 2170235. | 14.9 | 0 |
| 6 | On-Surface Synthesis of a π -Extended Diaza[8]circulene. Journal of the American Chemical Society, 2020, 142, 11363-11369. | 13.7 | 34 |
| 7 | Three-dimensional graphene nanoribbons as a framework for molecular assembly and local probe chemistry. Science Advances, 2020, 6, eaay8913. | 10.3 | 58 |
| 8 | Automated structure discovery in atomic force microscopy. Science Advances, 2020, 6, eaay6913. | 10.3 | 71 |
| 9 | Synthesis of Regioisomeric Graphene Nanoribbon Junctions via Heteroprecursors. Journal of Physical Chemistry C, 2019, 123, 17632-17638. | 3.1 | 8 |
| 10 | Interface dipoles of Ir(ppy) ₃ on Cu(111). Nanoscale, 2019, 11, 12695-12703. | 5.6 | 3 |
| 11 | Bonding Motifs in Metal-Organic Compounds on Surfaces. Journal of the American Chemical Society, 2018, 140, 12884-12889. | 13.7 | 16 |
| 12 | Elemental Identification by Combining Atomic Force Microscopy and Kelvin Probe Force Microscopy. ACS Nano, 2018, 12, 5274-5283. | 14.6 | 37 |
| 13 | Non-covalent control of spin-state in metal-organic complex by positioning on N-doped graphene. Nature Communications, 2018, 9, 2831. | 12.8 | 68 |
| 14 | Diacetylene Linked Anthracene Oligomers Synthesized by One-Shot Homocoupling of Trimethylsilyl on Cu(111). ACS Nano, 2018, 12, 8791-8797. | 14.6 | 41 |
| 15 | Principles and simulations of high-resolution STM imaging with a flexible tip apex. Physical Review B, 2017, 95, . | 3.2 | 76 |
| 16 | Submolecular Resolution by Variation of the Inelastic Electron Tunneling Spectroscopy Amplitude and its Relation to the AFM/STM Signal. Physical Review Letters, 2017, 119, 166001. | 7.8 | 30 |
| 17 | Real-Time Elucidation of Catalytic Pathways in CO Hydrogenation on Ru. Journal of Physical Chemistry Letters, 2017, 8, 3820-3825. | 4.6 | 9 |
| 18 | Control of Reactivity and Regioselectivity for On-Surface Dehydrogenative Aryl-Aryl Bond Formation. Journal of the American Chemical Society, 2016, 138, 5585-5593. | 13.7 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transformation of metallic boron into substitutional dopants in graphene on 6H-SiC(0001). Physical Review B, 2016, 93, . | 3.2 | 5 |
| 20 | Anomalous structural evolution and $\sqrt{3}\times\sqrt{3}$ reconstruction of a clean Si(111) surface observed after thermal desorption of thallium. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, 021408. | 2.1 | 1 |