

Frank Eisenhut

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

534
citations

933447

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996975

15
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all docs

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docs citations

16
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Decacene: On-Surface Generation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11945-11948.	13.8	146
2	Dodecacene Generated on Surface: Reopening of the Energy Gap. <i>ACS Nano</i> , 2020, 14, 1011-1017.	14.6	93
3	Imaging the electronic structure of on-surface generated hexacene. <i>Chemical Communications</i> , 2017, 53, 1583-1586.	4.1	54
4	Decacene: On-Surface Generation. <i>Angewandte Chemie</i> , 2017, 129, 12107-12110.	2.0	54
5	Electronic Resonances and Gap Stabilization of Higher Acenes on a Gold Surface. <i>ACS Nano</i> , 2018, 12, 8506-8511.	14.6	42
6	Unimolecular Logic Gate with Classical Input by Single Gold Atoms. <i>ACS Nano</i> , 2018, 12, 1139-1145.	14.6	24
7	On-surface synthesis of nitrogen-doped nanographenes with 5-7 membered rings. <i>Chemical Communications</i> , 2019, 55, 4731-4734.	4.1	23
8	Inducing the controlled rotation of single o-MeO-DMBI molecules anchored on Au(111). <i>Surface Science</i> , 2018, 678, 177-182.	1.9	21
9	On-Surface Annulation Reaction Cascade for the Selective Synthesis of Diindenopyrene. <i>ACS Nano</i> , 2017, 11, 12419-12425.	14.6	18
10	Training for the 1st international nano-car race: the Dresden molecule-vehicle. <i>EPJ Applied Physics</i> , 2016, 76, 10001.	0.7	14
11	Molecular Self-Assembly Driven by On-Surface Reduction: Anthracene and Tetracene on Au(111). <i>Journal of Physical Chemistry C</i> , 2017, 121, 20353-20358.	3.1	11
12	One-way rotation of a chemically anchored single molecule-rotor. <i>Nanoscale</i> , 2021, 13, 16077-16083.	5.6	11
13	STM induced manipulation of azulene-based molecules and nanostructures: the role of the dipole moment. <i>Nanoscale</i> , 2020, 12, 24471-24476.	5.6	10
14	Hexacene generated on passivated silicon. <i>Nanoscale</i> , 2018, 10, 12582-12587.	5.6	7
15	Electronically Driven Single-Molecule Switch on Silicon Dangling Bonds. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27027-27032.	3.1	6
16	Anchoring Molecular Rotors by On-Surface Synthesis. <i>Advances in Atom and Single Molecule Machines</i> , 2020, , 117-130.	0.0	0