

Samuel Stolz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Asymmetric Elimination Reaction on Chiral Metal Surfaces. <i>Advanced Materials</i> , 2022, 34, e2104481.	11.1	9
2	On-surface Synthesis: What Happens Behind the Scenes?. <i>Chimia</i> , 2022, 76, 203.	0.3	3
3	Growth Optimization and Device Integration of Narrow-Bandgap Graphene Nanoribbons. <i>Small</i> , 2022, 18, .	5.2	17
4	On-surface synthesis of organocopper metallacycles through activation of inner diacetylene moieties. <i>Chemical Science</i> , 2021, 12, 12806-12811.	3.7	2
5	Asymmetric azide-alkyne Huisgen cycloaddition on chiral metal surfaces. <i>Communications Chemistry</i> , 2021, 4, .	2.0	7
6	Controllable p-Type Doping of 2D WSe ₂ via Vanadium Substitution. <i>Advanced Functional Materials</i> , 2021, 31, 2105252.	7.8	40
7	Near-Enantiopure Trimerization of 9-Ethynylphenanthrene on a Chiral Metal Surface. <i>Angewandte Chemie</i> , 2020, 132, 18336-18340.	1.6	2
8	Handedness-dependent quasiparticle interference in the two enantiomers of the topological chiral semimetal PdGa. <i>Nature Communications</i> , 2020, 11, 3507.	5.8	27
9	Weyl fermions, Fermi arcs, and minority-spin carriers in ferromagnetic CoS ₂ . <i>Science Advances</i> , 2020, 6, .	4.7	20
10	Molecular motor crossing the frontier of classical to quantum tunneling motion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14838-14842.	3.3	33
11	Observation and control of maximal Chern numbers in a chiral topological semimetal. <i>Science</i> , 2020, 369, 179-183.	6.0	103
12	Near-Enantiopure Trimerization of 9-Ethynylphenanthrene on a Chiral Metal Surface. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18179-18183.	7.2	9
13	On-Surface Synthesis of Cumulene-Containing Polymers via Two-Step Dehalogenative Homocoupling of Dibromomethylene-Functionalized Tribenzoazulene. <i>Angewandte Chemie</i> , 2020, 132, 13383-13389.	1.6	15
14	On-Surface Synthesis of Cumulene-Containing Polymers via Two-Step Dehalogenative Homocoupling of Dibromomethylene-Functionalized Tribenzoazulene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13281-13287.	7.2	23
15	Reversible Dehalogenation in On-Surface Aryl-Aryl Coupling. <i>Angewandte Chemie</i> , 2020, 132, 14210-14214.	1.6	2
16	Reversible Dehalogenation in On-Surface Aryl-Aryl Coupling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14106-14110.	7.2	15
17	On-Surface Growth Dynamics of Graphene Nanoribbons: The Role of Halogen Functionalization. <i>ACS Nano</i> , 2018, 12, 74-81.	7.3	135
18	Heteroatom-Doped Perihexacene from a Double Helicene Precursor: On-Surface Synthesis and Properties. <i>Journal of the American Chemical Society</i> , 2017, 139, 4671-4674.	6.6	61