

# Samuel Stolz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4118291/publications.pdf>

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18  
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840119

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docs citations

18  
times ranked

727  
citing authors

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