

Timo Bisswanger

List of Publications by Year in descending order

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papers

266
citations

1163117

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15
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485
citing authors

#	ARTICLE	IF	CITATIONS
1	CVD Bilayer Graphene Spin Valves with 26 μm Spin Diffusion Length at Room Temperature. Nano Letters, 2022, 22, 4949-4955.	9.1	7
2	Charge-Induced Artifacts in Nonlocal Spin-Transport Measurements: How to Prevent Spurious Voltage Signals. Physical Review Applied, 2022, 18, .	3.8	3
3	Phosphate-assisted efficient oxygen evolution over finely dispersed cobalt particles supported on graphene. Catalysis Science and Technology, 2021, 11, 1039-1048.	4.1	2
4	Metal free-covalent triazine frameworks as oxygen reduction reaction catalysts â€“ structureâ€“electrochemical activity relationship. Catalysis Science and Technology, 2021, 11, 6191-6204.	4.1	8
5	Metathesis and Redetermination of the Crystal Structure of Cadmium Carbodiimide, CdNCN. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 496-499.	1.2	3
6	How to solve problems in micro- and nanofabrication caused by the emission of electrons and charged metal atoms during e-beam evaporation. Journal Physics D: Applied Physics, 2021, 54, 225304.	2.8	8
7	CO_2 Hydrogenation to Higher Alcohols over K-Promoted Bimetallic Feâ€“In Catalysts on a Ceâ€“ZrO ₂ Support. ACS Sustainable Chemistry and Engineering, 2021, 9, 6235-6249.	6.7	32
8	Iron and Manganese Containing Multiâ€“Walled Carbon Nanotubes as Electrocatalysts for the Oxygen Evolution Reaction â€“ Unravelling Influences on Activity and Stability. ChemCatChem, 2020, 12, 5378-5384.	3.7	10
9	Surface-orientation- and ligand-dependent quenching of the spin magnetic moment of Co porphyrins adsorbed on Cu substrates. Physical Chemistry Chemical Physics, 2020, 22, 12688-12696.	2.8	11
10	Enhanced C ₃₊ alcohol synthesis from syngas using KCoMoS _x catalysts: effect of the Co-Mo ratio on catalyst performance. Applied Catalysis B: Environmental, 2020, 272, 118950.	20.2	26
11	Graphene as a local probe to investigate near-field properties of plasmonic nanostructures. Physical Review B, 2018, 97, .	3.2	12
12	Carbon nanotube containing polyacrylonitrile materials for the oxygen evolution reaction. Catalysis Science and Technology, 2018, 8, 6311-6315.	4.1	10
13	Preserving π -conjugation in covalently functionalized carbon nanotubes for optoelectronic applications. Nature Communications, 2017, 8, 14281.	12.8	130
14	Relaxation lifetimes of plasmonically enhanced hybrid gold-carbon nanotubes systems. Nanotechnology, 2017, 28, 255202.	2.6	4