

Timo Bisswanger

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

266
citations

1163117

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1058476

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all docs

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docs citations

15
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Preserving π -conjugation in covalently functionalized carbon nanotubes for optoelectronic applications. <i>Nature Communications</i> , 2017, 8, 14281.	12.8	130
2	CO_2 Hydrogenation to Higher Alcohols over K-Promoted Bimetallic Fe-In Catalysts on a Ce-ZrO_2 Support. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6235-6249.	6.7	32
3	Enhanced C_3+ alcohol synthesis from syngas using KCoMoSx catalysts: effect of the Co-Mo ratio on catalyst performance. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118950.	20.2	26
4	Graphene as a local probe to investigate near-field properties of plasmonic nanostructures. <i>Physical Review B</i> , 2018, 97, .	3.2	12
5	Surface-orientation- and ligand-dependent quenching of the spin magnetic moment of Co porphyrins adsorbed on Cu substrates. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12688-12696.	2.8	11
6	Carbon nanotube containing polyacrylonitrile materials for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2018, 8, 6311-6315.	4.1	10
7	Iron and Manganese Containing Multi-Walled Carbon Nanotubes as Electrocatalysts for the Oxygen Evolution Reaction - Unravelling Influences on Activity and Stability. <i>ChemCatChem</i> , 2020, 12, 5378-5384.	3.7	10
8	Metal free-covalent triazine frameworks as oxygen reduction reaction catalysts - structure-electrochemical activity relationship. <i>Catalysis Science and Technology</i> , 2021, 11, 6191-6204.	4.1	8
9	How to solve problems in micro- and nanofabrication caused by the emission of electrons and charged metal atoms during e-beam evaporation. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 225304.	2.8	8
10	CVD Bilayer Graphene Spin Valves with 26 μm Spin Diffusion Length at Room Temperature. <i>Nano Letters</i> , 2022, 22, 4949-4955.	9.1	7
11	Relaxation lifetimes of plasmonically enhanced hybrid gold-carbon nanotubes systems. <i>Nanotechnology</i> , 2017, 28, 255202.	2.6	4
12	Metathesis and Redetermination of the Crystal Structure of Cadmium Carbodiimide, CdNCN. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 496-499.	1.2	3
13	Charge-Induced Artifacts in Nonlocal Spin-Transport Measurements: How to Prevent Spurious Voltage Signals. <i>Physical Review Applied</i> , 2022, 18, .	3.8	3
14	Phosphate-assisted efficient oxygen evolution over finely dispersed cobalt particles supported on graphene. <i>Catalysis Science and Technology</i> , 2021, 11, 1039-1048.	4.1	2