Andrey Goryachev

List of Publications by Year
in descending order

16	997	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	1431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coupling electrochemical CO2 conversion with CO2 capture. Nature Catalysis, 2021, 4, 952-958.	34.4	272
2	ZrO₂ Is Preferred over TiO₂ as Support for the Ru-Catalyzed Hydrogenation of Levulinic Acid to Î³-Valerolactone. ACS Catalysis, 2016, 6, 5462-5472.	11.2	169
3	Temperature-Dependent Kinetic Studies of the Chlorine Evolution Reaction over RuO₂(110) Model Electrodes. ACS Catalysis, 2017, 7, 2403-2411.	11.2	111
4	Ex Situ and Operando Studies on the Role of Copper in Cu-Promoted SiO₂â€“MgO Catalysts for the Lebedev Ethanol-to-Butadiene Process. ACS Catalysis, 2015, 5, 6005-6015.	11.2	95
5	A Titanium Metalâ€“Organic Framework with Visibleâ€Lightâ€Responsive Photocatalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 13468-13472.	13.8	84
6	Mn promotion of rutile TiO2-RuO2 anodes for water oxidation in acidic media. Applied Catalysis B: Environmental, 2020, 261, 118225.	20.2	53
7	Stability of CoP_x Electrocatalysts in Continuous and Interrupted Acidic Electrolysis of Water. ChemElectroChem, 2018, 5, 1230-1239.	3.4	35
8	Investigation of the stability of NiFe-(oxy)hydroxide anodes in alkaline water electrolysis under industrially relevant conditions. Catalysis Science and Technology, 2020, 10, 5593-5601.	4.1	35
9	Catalytic Hydrogenation of Renewable Levulinic Acid to Î³-Valerolactone: Insights into the Influence of Feed Impurities on Catalyst Performance in Batch and Flow Reactors. ACS Sustainable Chemistry and Engineering, 2020, 8, 5903-5919.	6.7	35
10	Electrochemical stability of RuO2(110)/Ru(0001) model electrodes in the oxygen and chlorine evolution reactions. Electrochimica Acta, 2020, 336, 135713.	5.2	30
11	Promoted Iron Nanocrystals Obtained via Ligand Exchange as Active and Selective Catalysts for Synthesis Gas Conversion. ACS Catalysis, 2017, 7, 5121-5128.	11.2	26
12	A simple and flexible route to large-area conductive transparent graphene thin-films. Synthetic Metals, 2015, 201, 67-75.	3.9	14
13	On the origin of the photocurrent of electrochemically passivated p-InP(100) photoelectrodes. Physical Chemistry Chemical Physics, 2018, 20, 14242-14250.	2.8	14
14	Synchrotron based operando surface Xâ€ray scattering study towards structureâ€“activity relationships of model electrocatalysts. ChemistrySelect, 2016, 1, 1104-1108.	1.5	7
15	Efficient and Highly Transparent Ultraâ€Thin Nickelâ€Iron Oxyâ€hydroxide Catalyst for Oxygen Evolution Prepared by Successive Ionic Layer Adsorption and Reaction. ChemPhotoChem, 2019, 3, 1050-1054.	3.0	6
16	Basicity of Stereoregulating Electron-Donor Compounds in Zieglerâ€“Natta Catalysts: A Study by Infrared Spectroscopy and Chemical Exchange Reactions. Journal of Physical Chemistry C, 2014, 118, 28572-28579.	3.1	5