

Ratibor G Chumakov

List of Publications by Year in descending order

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14
papers

216
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1163117

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all docs

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docs citations

14
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the performance and durability of PEM fuel cells with different Pt-activated microporous layers. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 18093-18106.	7.1	14
2	Inhibition of chemical interaction of molybdenum and silicon in a Mo/Si multilayer structure by the formation of intermediate compounds. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1363-1370.	2.8	5
3	WS ₂ nanotubes dressed in gold and silver: Synthesis, optoelectronic properties, and NO ₂ sensing. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
4	Reduced Graphene Oxide-Supported Pt-Based Catalysts for PEM Fuel Cells with Enhanced Activity and Stability. <i>Catalysts</i> , 2021, 11, 256.	3.5	29
5	New composites based on zeolites (H-Beta, H-ZSM-5) and nanosized titanium(IV) oxide (anatase and TiO ₂) <i>Chemistry</i> , 2021, 45, 2417-2430.	2.8	5
6	Design of Metal-Organic Polymers MIL-53(M ³⁺): Preparation and Characterization of MIL-53(Fe) and Graphene Oxide Composite. <i>Crystals</i> , 2021, 11, 1281.	2.2	7
7	Unveiling a facile approach for large-scale synthesis of N-doped graphene with tuned electrical properties. <i>2D Materials</i> , 2020, 7, 045001.	4.4	31
8	Silica coated hard-magnetic strontium hexaferrite nanoparticles. <i>Advanced Powder Technology</i> , 2019, 30, 1976-1984.	4.1	17
9	On the Influence of Composition and Structure of Carbon-Supported Pt-SnO ₂ Hetero-Clusters onto Their Electrocatalytic Activity and Durability in PEMFC. <i>Catalysts</i> , 2019, 9, 803.	3.5	31
10	Pt/C and Pt/SnO _x /C Catalysts for Ethanol Electrooxidation: Rotating Disk Electrode Study. <i>Catalysts</i> , 2019, 9, 271.	3.5	32
11	Effects of peroxo precursors and annealing temperature on properties and photocatalytic activity of nanoscale titania. <i>Journal of Materials Research</i> , 2018, 33, 1422-1432.	2.6	9
12	Gold Decoration and Photoresistive Response to Nitrogen Dioxide of WS ₂ Nanotubes. <i>Chemistry - A European Journal</i> , 2018, 24, 18952-18962.	3.3	27
13	The role of composition and structure of vanadium-doped nanosized titanium(IV) oxides (anatase and β -phase) in the realization of photocatalytic, adsorption and bactericidal properties. <i>New Journal of Chemistry</i> , 2018, 42, 13025-13037.	2.8	5
14	Preparation, physicochemical properties and antimicrobial activity of β -modification of titanium(IV) oxide intercalated with poly(N-vinylcaprolactam). <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1729-1741.	3.1	4