

Roman Ezhov

List of Publications by Year in descending order

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13
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369
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically Dispersed Iridium on Indium Tin Oxide Efficiently Catalyzes Water Oxidation. ACS Central Science, 2020, 6, 1189-1198.	11.3	47
2	A High-Valent Manganese(IV)-Oxo-Cerium(IV) Complex and Its Enhanced Oxidizing Reactivity. Angewandte Chemie - International Edition, 2019, 58, 16124-16129.	13.8	34
3	An evolutionarily conserved iron-sulfur cluster underlies redox sensory function of the Chloroplast Sensor Kinase. Communications Biology, 2020, 3, 13.	4.4	28
4	Water Oxidation Catalyst <i>cis</i> -[Ru(bpy)(5,5'-dcbpy)(H ₂ O) ₂] ²⁺ and Its Stabilization in Metal-Organic Framework. ACS Catalysis, 2020, 10, 5299-5308.	11.2	24
5	Unraveling the Mechanism of Catalytic Water Oxidation via <i>de Novo</i> Synthesis of Reactive Intermediate. Journal of the American Chemical Society, 2020, 142, 884-893.	13.7	23
6	Characterization of the Fe ^V =O Complex in the Pathway of Water Oxidation. Angewandte Chemie - International Edition, 2020, 59, 13502-13505.	13.8	21
7	A Mononuclear Non-heme Iron(III)-Peroxo Complex with an Unprecedented High O-O Stretch and Electrophilic Reactivity. Journal of the American Chemical Society, 2021, 143, 15556-15561.	13.7	11
8	Characterization of the Fe ^V =O Complex in the Pathway of Water Oxidation. Angewandte Chemie, 2020, 132, 13604-13607.	2.0	10
9	A Highly Reactive Chromium(V)-Oxo TAML Cation Radical Complex in Electron Transfer and Oxygen Atom Transfer Reactions. ACS Catalysis, 2021, 11, 2889-2901.	11.2	10
10	Do multinuclear 3d metal catalysts achieve O-O bond formation via radical coupling or via water nucleophilic attack? WNA leads the way in [Co ₄ O ₄] ⁿ⁺ . Chem Catalysis, 2021, 1, 407-422.	6.1	9
11	A High-Valent Manganese(IV)-Oxo-Cerium(IV) Complex and Its Enhanced Oxidizing Reactivity. Angewandte Chemie, 2019, 131, 16270-16275.	2.0	7
12	Facile Light-Induced Transformation of [RuII(bpy) ₂ (bpyNO)] ²⁺ to [RuII(bpy) ₃] ²⁺ . Inorganic Chemistry, 2020, 59, 13880-13887.	4.0	2
13	Systematic Influence of Electronic Modification of Ligands on the Catalytic Rate of Water Oxidation by a Single-Site Ru-Based Catalyst. ChemSusChem, 2022, 15, .	6.8	2