

Roman Ezhov

List of Publications by Year in descending order

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13
papers

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1040056

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369
citing authors

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