

# Toshihiro Takashima

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Induction of Concerted Proton-Coupled Electron Transfer during Oxygen Evolution on Hematite Using Lanthanum Oxide as a Solid Proton Acceptor. <i>ACS Catalysis</i> , 2019, 9, 9212-9215.	5.5	27
2	Facet-dependent activity of hematite nanocrystals toward the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 3748-3754.	2.1	16
3	Visible-light-induced water splitting on a hierarchically constructed Z-scheme photocatalyst composed of zinc rhodium oxide and bismuth vanadate. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10372-10378.	5.2	13
4	Noble Metal Modification of CdS-Covered CuInS <sub>2</sub> Electrodes for Improved Photoelectrochemical Activity and Stability. <i>Catalysts</i> , 2020, 10, 949.	1.6	13
5	Selective loading of platinum or silver cocatalyst onto a hydrogen-evolution photocatalyst in a silver-mediated all solid-state Z-scheme system for enhanced overall water splitting. <i>RSC Advances</i> , 2019, 9, 41913-41917.	1.7	11
6	Red light-inducible overall water-splitting photocatalyst, gold-inserted zinc rhodium oxide and bismuth vanadium oxide heterojunction, connected using gold prepared by sputtering in ionic liquid. <i>Journal of Chemical Physics</i> , 2020, 153, 014701.	1.2	9
7	Cocatalyst modification of niobium-substituted silver tantalate photocatalyst for enhanced solar water-splitting activity. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23600-23609.	3.8	8