

# Yukihiro Nakabayashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2422494/publications.pdf>

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9  
papers

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citations

1478505

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1474206

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docs citations

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times ranked

505  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pH dependence of OH radical formation in photo-electrochemical water oxidation with rutile TiO <sub>2</sub> single crystals. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30570-30576.	2.8	86
2	OH Radical Formation at Distinct Faces of Rutile TiO <sub>2</sub> Crystal in the Procedure of Photoelectrochemical Water Oxidation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23832-23839.	3.1	76
3	A method to give chemically stabilities of photoelectrodes for water splitting: Compositing of a highly crystalized TiO <sub>2</sub> layer on a chemically unstable Cu <sub>2</sub> O photocathode using laser-induced crystallization process. <i>Applied Surface Science</i> , 2016, 363, 173-180.	6.1	31
4	Significance of Hydroxyl Radical in Photoinduced Oxygen Evolution in Water on Monoclinic Bismuth Vanadate. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25624-25631.	3.1	29
5	Compositing effects of CuBi <sub>2</sub> O <sub>4</sub> on visible-light responsive photocatalysts. <i>Materials Science in Semiconductor Processing</i> , 2017, 57, 12-17.	4.0	22
6	Fabrication of bismuth copper vanadate electrodes through feasible chemical solution method for visible light-induced water oxidation. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 9-16.	2.9	8
7	Room Temperature Operation of Magnesium Rechargeable Batteries with a Hydrothermally Treated ZnMnO <sub>3</sub> Defect Spinel Cathode. <i>Electrochemistry</i> , 2022, 90, 027005-027005.	1.4	6
8	In Situ Infrared Analysis for the Process of Water Photo-oxidation on Monoclinic Bismuth Vanadate. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18579-18587.	3.1	3
9	Relationship between the morphology for the photo-electrode of copper bismuth oxide and the photo-electrochemical activity related to water reduction. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	1