

# Naotoshi Nakashima

## List of Publications by Year in descending order

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13  
papers

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citations

1040056

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1199594

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Impact of Ir-Valence Control and Surface Nanostructure on Oxygen Evolution Reaction over a Highly Efficient Ir <sup>III</sup> -TiO <sub>2</sub> Nanorod Catalyst. ACS Catalysis, 2019, 9, 6974-6986.	11.2	90
2	Carbon Nanotube Photoluminescence Modulation by Local Chemical and Supramolecular Chemical Functionalization. Accounts of Chemical Research, 2020, 53, 1846-1859.	15.6	63
3	Bipyridine-based polybenzimidazole membranes with outstanding hydrogen fuel cell performance at high temperature and non-humidifying conditions. Journal of Membrane Science, 2019, 591, 117354.	8.2	52
4	Near infrared photoluminescence modulation by defect site design using aryl isomers in locally functionalized single-walled carbon nanotubes. Chemical Communications, 2017, 53, 12544-12547.	4.1	38
5	Carbon Nanotube-Based Non-Precious Metal Electrode Catalysts for Fuel Cells, Water Splitting and Zinc-Air Batteries. ChemCatChem, 2019, 11, 5929-5944.	3.7	32
6	Substituent effects on the redox states of locally functionalized single-walled carbon nanotubes revealed by in situ photoluminescence spectroelectrochemistry. Nanoscale, 2017, 9, 16900-16907.	5.6	25
7	Multistep Wavelength Switching of Near-Infrared Photoluminescence Driven by Chemical Reactions at Local Doped Sites of Single-Walled Carbon Nanotubes. Chemistry - A European Journal, 2018, 24, 19162-19165.	3.3	20
8	Designing an Fe <sup>III</sup> -Doped Nickel Sulfide/Carbon Nanotube Hybrid Catalyst for Alkaline Electrolyte Membrane Water Electrolyzers and Zn-Air Battery Performances. ACS Applied Energy Materials, 2020, 3, 10961-10975.	5.1	17
9	Supramolecular Chemistry-Based One-Pot High-Efficiency Separation of Solubilizer-Free Pure Semiconducting Single-Walled Carbon Nanotubes: Molecular Strategy and Mechanism. Journal of the American Chemical Society, 2020, 142, 11847-11856.	13.7	16
10	Bifunctional electrochemical properties of La <sub>0.8</sub> Sr <sub>0.2</sub> Co <sub>0.8</sub> M <sub>0.2</sub> O <sub>3</sub> (M = Ni, Tj) / Overl	5.4	7
	Advances, 2022, 3, 272-281.		
11	Wrapping Multiwalled Carbon Nanotubes with Anatase Titanium Oxide for the Electrosynthesis of Glycolic Acid. ACS Applied Nano Materials, 2019, 2, 6360-6367.	5.0	5
12	A flavin-Cu <sup>2+</sup> supramolecular complex for highly selective sorting of semiconducting single-walled carbon nanotubes with specific chiralities. Chemical Communications, 2020, 56, 12415-12418.	4.1	2
13	Correction to Designing a Fe <sup>III</sup> -Doped Nickel Sulfide/Carbon Nanotube Hybrid Catalyst for Alkaline Electrolyte Membrane Water Electrolyzers and Zn-Air Battery Performances. ACS Applied Energy Materials, 2021, 4, 2021-2021.	5.1	0