

# Naotoshi Nakashima

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

367  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifunctional electrochemical properties of $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{0.8}\text{M}_{0.2}\text{O}_{3-\delta}$ ( $M = \text{Ni}$ ) Thin Films. <i>Advances</i> , 2022, 3, 272-281.	5.41	107
2	Correction to Designing a FeII-Doped Nickel Sulfide/Carbon Nanotube Hybrid Catalyst for Alkaline Electrolyte Membrane Water Electrolyzers and Zn–Air Battery Performances. <i>ACS Applied Energy Materials</i> , 2021, 4, 2021-2021.	5.1	0
3	Designing an Fe <sup>III</sup> -Doped Nickel Sulfide/Carbon Nanotube Hybrid Catalyst for Alkaline Electrolyte Membrane Water Electrolyzers and Zn–Air Battery Performances. <i>ACS Applied Energy Materials</i> , 2020, 3, 10961-10975.	5.1	17
4	Carbon Nanotube Photoluminescence Modulation by Local Chemical and Supramolecular Chemical Functionalization. <i>Accounts of Chemical Research</i> , 2020, 53, 1846-1859.	15.6	63
5	A flavin-Cu <sup>2+</sup> supramolecular complex for highly selective sorting of semiconducting single-walled carbon nanotubes with specific chiralities. <i>Chemical Communications</i> , 2020, 56, 12415-12418.	4.1	2
6	Supramolecular Chemistry-Based One-Pot High-Efficiency Separation of Solubilizer-Free Pure Semiconducting Single-Walled Carbon Nanotubes: Molecular Strategy and Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 11847-11856.	13.7	16
7	Bipyridine-based polybenzimidazole membranes with outstanding hydrogen fuel cell performance at high temperature and non-humidifying conditions. <i>Journal of Membrane Science</i> , 2019, 591, 117354.	8.2	52
8	Wrapping Multiwalled Carbon Nanotubes with Anatase Titanium Oxide for the Electrosynthesis of Glycolic Acid. <i>ACS Applied Nano Materials</i> , 2019, 2, 6360-6367.	5.0	5
9	Impact of Ir-Valence Control and Surface Nanostructure on Oxygen Evolution Reaction over a Highly Efficient Ir–TiO <sub>2</sub> Nanorod Catalyst. <i>ACS Catalysis</i> , 2019, 9, 6974-6986.	11.2	90
10	Carbon Nanotube-Based Non-Precious Metal Electrode Catalysts for Fuel Cells, Water Splitting and Zn–Air Batteries. <i>ChemCatChem</i> , 2019, 11, 5929-5944.	3.7	32
11	Multistep Wavelength Switching of Near-Infrared Photoluminescence Driven by Chemical Reactions at Local Doped Sites of Single-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2018, 24, 19162-19165.	3.3	20
12	Near infrared photoluminescence modulation by defect site design using aryl isomers in locally functionalized single-walled carbon nanotubes. <i>Chemical Communications</i> , 2017, 53, 12544-12547.	4.1	38
13	Substituent effects on the redox states of locally functionalized single-walled carbon nanotubes revealed by in situ photoluminescence spectroelectrochemistry. <i>Nanoscale</i> , 2017, 9, 16900-16907.	5.6	25