

# Shunsuke Yamashita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7995733/publications.pdf>

Version: 2024-02-01

18  
papers

350  
citations

1040056

9  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

587  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Atomic number dependence of Z contrast in scanning transmission electron microscopy. <i>Scientific Reports</i> , 2018, 8, 12325.   | 3.3  | 69        |
| 2  | Undoped Layered Perovskite Oxynitride $\text{Li}_2\text{LaTa}_2\text{O}_6\text{N}$ for Photocatalytic $\text{CO}_2$ Reduction with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8154-8158.  | 13.8 | 66        |
| 3  | Nitrogen/fluorine-codoped rutile titania as a stable oxygen-evolution photocatalyst for solar-driven Z-scheme water splitting. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2025-2035.   | 4.9  | 36        |
| 4  | Homogeneous Electron Doping into Nonstoichiometric Strontium Titanate Improves Its Photocatalytic Activity for Hydrogen and Oxygen Evolution. <i>ACS Catalysis</i> , 2018, 8, 7190-7200.   | 11.2 | 34        |
| 5  | Two-Dimensional Perovskite Oxynitride $\text{K}_2\text{LaTa}_2\text{O}_6\text{N}$ with an $\text{H}^+/\text{K}^+$ Exchangeability in Aqueous Solution Forming a Stable Photocatalyst for Visible-Light $\text{H}_2$ Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9736-9743. | 13.8 | 33        |
| 6  | Quantitative annular dark-field imaging of single-layer graphene <sup>II</sup> : atomic-resolution image contrast. <i>Microscopy (Oxford, England)</i> , 2015, 64, 409-418.  | 1.5  | 23        |
| 7  | Quantitative annular dark-field imaging of single-layer graphene. <i>Microscopy (Oxford, England)</i> , 2015, 64, 143-150.   | 1.5  | 20        |
| 8  | Strain-induced creation and switching of anion vacancy layers in perovskite oxynitrides. <i>Nature Communications</i> , 2020, 11, 5923.  | 12.8 | 20        |
| 9  | Undoped Layered Perovskite Oxynitride $\text{Li}_2\text{LaTa}_2\text{O}_6\text{N}$ for Photocatalytic $\text{CO}_2$ Reduction with Visible Light. <i>Angewandte Chemie</i> , 2018, 130, 8286-8290.   | 2.0  | 17        |
| 10 | One-Step Liquid-Phase Synthesis of Carbon Nanotubes with Catalyst Precursors of Organometallic Complexes. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 01BJ11.   | 1.5  | 8         |
| 11 | Microscopic observation of dye molecules for solar cells on a titania surface. <i>Scientific Reports</i> , 2016, 6, 24616.   | 3.3  | 8         |
| 12 | Effects of $\text{H}_2\text{O}$ Addition on One-Step Liquid-Phase Synthesis of Highly Aligned Carbon Nanotubes. <i>Key Engineering Materials</i> , 2010, 445, 201-204.   | 0.4  | 6         |
| 13 | Two-Dimensional Perovskite Oxynitride $\text{K}_2\text{LaTa}_2\text{O}_6\text{N}$ with an $\text{H}^+/\text{K}^+$ Exchangeability in Aqueous Solution Forming a Stable Photocatalyst for Visible-Light $\text{H}_2$ Evolution. <i>Angewandte Chemie</i> , 2020, 132, 9823-9830.                        | 2.0  | 4         |
| 14 | Impact of oxygen on band structure at the Ni/GaN interface revealed by hard X-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2021, 118, 121603.  | 3.3  | 4         |
| 15 | Dry Etching Damage and Alloy Composition Analysis of GaN-Based Semiconductors Using Electron Energy-Loss Spectroscopy. <i>Journal of Electronic Materials</i> , 2021, 50, 4230-4237.   | 2.2  | 1         |
| 16 | One-Step Liquid-Phase Synthesis of Carbon Nanotubes with Catalyst Precursors of Organometallic Complexes. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 01BJ11.   | 1.5  | 1         |
| 17 | Quantitative Annular Dark-Field Imaging of Single-Layer Graphene. <i>Microscopy and Microanalysis</i> , 2015, 21, 1213-1214.   | 0.4  | 0         |
| 18 | Quantitative Annular Dark-Field Imaging at Atomic Resolution. <i>Microscopy and Microanalysis</i> , 2016, 22, 304-305.   | 0.4  | 0         |