

# Kenta Yoshida

## List of Publications by Year in descending order

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17  
papers

293  
citations

1040056

9  
h-index

940533

16  
g-index

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17  
docs citations

17  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Structural Origin of the Catalytic Properties of Inherently Strained Ultrasmall Decahedral Gold Nanoparticles. <i>Nano Letters</i> , 2012, 12, 2027-2031.	9.1	102
2	Dynamic environmental transmission electron microscopy observation of platinum electrode catalyst deactivation in a proton-exchange-membrane fuel cell. <i>Nanotechnology</i> , 2013, 24, 065705.	2.6	30
3	Direct observation of the initial process of Ostwald ripening using spherical aberration-corrected transmission electron microscopy. <i>Microscopy (Oxford, England)</i> , 2012, 61, 99-103.	1.5	28
4	Boosting High Thermoelectric Performance of Ni-Doped Cu <sub>1.9</sub> S by Significantly Reducing Thermal Conductivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8385-8391.	8.0	22
5	The three-dimensional morphology of nickel nanodots in amorphous silica and their role in high-temperature permselectivity for hydrogen separation. <i>Nanotechnology</i> , 2009, 20, 315703.	2.6	17
6	Dynamic wet-ETEM observation of Pt/C electrode catalysts in a moisturized cathode atmosphere. <i>Nanotechnology</i> , 2014, 25, 425702.	2.6	15
7	Specific Surface Area and Three-Dimensional Nanostructure Measurements of Porous Titania Photocatalysts by Electron Tomography and Their Relation to Photocatalytic Activity. <i>Microscopy and Microanalysis</i> , 2011, 17, 264-273.	0.4	13
8	Strategy of Extra Zr Doping on the Enhancement of Thermoelectric Performance for TiZr <sub>x</sub> NiSn Synthesized by a Modified Solid-State Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 48801-48809.	8.0	12
9	Strain Field in Ultrasmall Gold Nanoparticles Supported on Cerium-Based Mixed Oxides. Key Influence of the Support Redox State. <i>Langmuir</i> , 2016, 32, 4313-4322.	3.5	10
10	Weak-beam scanning transmission electron microscopy for quantitative dislocation density measurement in steels. <i>Microscopy (Oxford, England)</i> , 2017, 66, 120-130.	1.5	10
11	Atomic-Resolution HAADF-STEM Study of Ag/Al <sub>2</sub> O <sub>3</sub> Catalysts for Borrowing-Hydrogen and Acceptorless Dehydrogenative Coupling Reactions of Alcohols. <i>Topics in Catalysis</i> , 2016, 59, 1740-1747.	3.8	10
12	Helium effects on recovery and recrystallization of powder metallurgically processed tungsten. <i>Physica Scripta</i> , 2020, T171, 014016.	2.8	8
13	Evaluation of spatial and temporal resolution on in situ annealing aberration-corrected transmission electron microscopy with proportional-integral-differential controller. <i>Microscopy (Oxford)</i> , 2021, 70, 101-110.	2.5	8
14	Influence of gas environment and heating on atomic structures of platinum nanoparticle catalysts for proton-exchange membrane fuel cells. <i>Nanotechnology</i> , 2019, 30, 175701.	2.6	3
15	Dissolution and precipitation behaviors of zircon under the atmospheric environment. <i>Npj Materials Degradation</i> , 2022, 6, .	5.8	1
16	In-situ Transmission Electron Microscopy on the Photo-excited Conductance of a Titania Nanorod. <i>Materia Japan</i> , 2006, 45, 903-903.	0.1	0