

# Kazutoshi Inoue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7511983/publications.pdf>

Version: 2024-02-01

19  
papers

313  
citations

840585

11  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic-Scale Valence State Distribution inside Ultrafine CeO <sub>2</sub> Nanocubes and Its Size Dependence. <i>Small</i> , 2018, 14, e1802915.	5.2	77
2	Direct Determination of Atomic Structure and Magnetic Coupling of Magnetite Twin Boundaries. <i>ACS Nano</i> , 2018, 12, 2662-2668.	7.3	30
3	Determination of the structure and properties of an edge dislocation in rutile TiO <sub>2</sub> . <i>Acta Materialia</i> , 2019, 163, 199-207.	3.8	27
4	Direct Imaging for Single Molecular Chain of Surfactant on CeO <sub>2</sub> Nanocrystals. <i>Small</i> , 2018, 14, e1801093.	5.2	23
5	Interfacial Atomic Structure of Twisted Few-Layer Graphene. <i>Scientific Reports</i> , 2016, 6, 21273.	1.6	18
6	Multiphase nanodomains in a strained BaTiO <sub>3</sub> film on a GdScO <sub>3</sub> substrate. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	18
7	Ceramic phases with one-dimensional long-range order. <i>Nature Materials</i> , 2019, 18, 19-23.	13.3	18
8	Atomistic origin of high-concentration Ce <sup>3+</sup> in {100}-faceted Cr-substituted CeO <sub>2</sub> nanocrystals. <i>Acta Materialia</i> , 2021, 203, 116473.	3.8	18
9	Strong metal-metal interaction and bonding nature in metal/oxide interfaces with large mismatches. <i>Acta Materialia</i> , 2019, 179, 237-246.	3.8	13
10	On the Periodicity of $\langle 001 \rangle$ Symmetrical Tilt Grain Boundaries. <i>Materials Transactions</i> , 2015, 56, 281-287.	0.4	12
11	Mathematical analysis and STEM observations of arrangement of structural units in $\langle 001 \rangle$ symmetrical tilt grain boundaries. <i>Microscopy (Oxford, England)</i> , 2016, 65, 479-487.	0.7	11
12	Surfactant-mediated morphology evolution and self-assembly of cerium oxide nanocrystals for catalytic and supercapacitor applications. <i>Nanoscale</i> , 2021, 13, 10393-10401.	2.8	11
13	The Decomposition Formula of $\langle 001 \rangle$ Symmetrical Tilt Grain Boundaries. <i>Materials Transactions</i> , 2015, 56, 1945-1952.	0.4	8
14	Atomic-Scale Origin of the Quasi-One-Dimensional Metallic Conductivity in Strontium Niobates with Perovskite-Related Layered Structures. <i>ACS Nano</i> , 2017, 11, 12519-12525.	7.3	8
15	3D arrangement of atomic polyhedra in tilt grain boundaries. <i>Acta Materialia</i> , 2021, 202, 266-276.	3.8	8
16	Structure of $\langle 110 \rangle$ -tilt boundaries in cubic zirconia. <i>Journal of Materials Science</i> , 2017, 52, 4278-4287.	1.7	5
17	Oxygen atom ordering on SiO <sub>2</sub> /4H-SiC {0001} polar interfaces formed by wet oxidation. <i>Acta Materialia</i> , 2021, 221, 117360.	3.8	5
18	Arrangement of polyhedral units for [0001]-symmetrical tilt grain boundaries in zinc oxide. <i>Acta Materialia</i> , 2021, 212, 116864.	3.8	3

#	ARTICLE	IF	CITATIONS
19	Mathematical Analysis of Tilt Boundaries and STEM Observations. <i>Materia Japan</i> , 2016, 55, 582-582.	0.1	0