

Kosuke Suzuki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8000033/publications.pdf>

Version: 2024-02-01

21
papers

198
citations

1307594

7
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Compton Scattering Study of Li-Rich Battery Materials. Condensed Matter, 2022, 7, 4.	1.8	5
2	3D Correlative Imaging of Lithium Ion Concentration in a Vertically Oriented Electrode Microstructure with a Density Gradient. Advanced Science, 2022, 9, e2105723.	11.2	6
3	Symmetry of Wavefunction at the Interface of Fe/MgO Magnetic Tunneling Junction. Crystals, 2022, 12, 690.	2.2	1
4	Non-Destructive Analysis of a High-Power Capacitor Using High-Energy X-ray Compton Scattering. Crystals, 2022, 12, 824.	2.2	0
5	Redox oscillations in 18650-type lithium-ion cell revealed by in operando Compton scattering imaging. Applied Physics Letters, 2021, 118, 161902.	3.3	5
6	Tomographic reconstruction of oxygen orbitals in lithium-rich battery materials. Nature, 2021, 594, 213-216.	27.8	56
7	Temperature and Chemical Reaction Distribution of a Laminar Diffusion Flame Measured by X-ray Compton Scattering. Crystals, 2021, 11, 787.	2.2	0
8	Identifying the Degradation Mechanism in Commercial Lithium Rechargeable Batteries via High-Energy X-ray Compton Scattering Imaging. Applied Sciences (Switzerland), 2020, 10, 5855.	2.5	5
9	Compton Scattering Imaging for Operando Observation of Lithiation State on Commercial Lithium Battery Cells. ECS Meeting Abstracts, 2020, MA2020-02, 3191-3191.	0.0	0
10	High-Energy X-Ray Compton Scattering Imaging of 18650-Type Lithium-Ion Battery Cell. Condensed Matter, 2019, 4, 66.	1.8	12
11	Identification of ferrimagnetic orbitals preventing spinel degradation by charge ordering in $\text{Li}_x\text{Mn}_2\text{O}_4$. Physical Review B, 2019, 100, .	1.3	13
12	Modification of Electronic Structures with Lithium Intercalation in $\text{Li}_x\text{Mn}_2\text{O}_4$ ($x = 0$ and 1) Studied by CRYSTAL14 Calculation Code. Key Engineering Materials, 2018, 790, 15-19.	0.4	0
13	Dependency of the Charge-Discharge Rate on Lithium Reaction Distributions for a Commercial Lithium Coin Cell Visualized by Compton Scattering Imaging. Condensed Matter, 2018, 3, 27.	1.8	10
14	Visualizing redox orbitals and their potentials in advanced lithium-ion battery materials using high-resolution x-ray Compton scattering. Science Advances, 2017, 3, e1700971.	10.3	24
15	In operando quantitation of Li concentration for a commercial Li-ion rechargeable battery using high-energy X-ray Compton scattering. Journal of Synchrotron Radiation, 2017, 24, 1006-1011.	2.4	17
16	Densitometry and temperature measurement of combustion gas by X-ray Compton scattering. Journal of Synchrotron Radiation, 2016, 23, 617-621.	2.4	4
17	Compton scattering imaging of a working battery using synchrotron high-energy X-rays. Journal of Synchrotron Radiation, 2015, 22, 161-164.	2.4	23
18	Effects of Interface Roughness and Lattice Strain on Perpendicular Magnetic Anisotropy in Co/Pd Multilayer. Key Engineering Materials, 2013, 534, 7-11.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Observation of Magnetic Compton Profile of Interface Controlled Co/Pd Multilayer. Key Engineering Materials, 2011, 497, 8-12.	0.4	7
20	Electron Density Measurement Using Multi-Energy X-Rays from a Conventional Laboratory X-Ray Source. Applied Mechanics and Materials, 0, 888, 83-88.	0.2	2
21	Electron Density and Effective Atomic Number Measurement by Using a Newly Developing Photon Counting CT System. Advanced Engineering Forum, 0, 38, 93-99.	0.3	1