

Zirui Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9627884/publications.pdf>

Version: 2024-02-01

7
papers

150
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the 3D orientation of nanocrystals and nanostructures in human bone: Indications of novel structural features. <i>Science Advances</i> , 2020, 6, eaba4171.	10.3	51
2	Nanostructure-specific X-ray tomography reveals myelin levels, integrity and axon orientations in mouse and human nervous tissue. <i>Nature Communications</i> , 2021, 12, 2941.	12.8	33
3	Retrieving neuronal orientations using 3D scanning SAXS and comparison with diffusion MRI. <i>NeuroImage</i> , 2020, 204, 116214.	4.2	20
4	High-speed tensor tomography: iterative reconstruction tensor tomography (IRTT) algorithm. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, 223-238.	0.1	20
5	Sparse ab initio x-ray transmission spectrotomography for nanoscopic compositional analysis of functional materials. <i>Science Advances</i> , 2021, 7, .	10.3	16
6	Nanoscale crystal grain characterization <i>via</i> linear polarization X-ray ptychography. <i>Chemical Communications</i> , 2020, 56, 13373-13376.	4.1	10
7	Sparse X-ray hyperspectral tomography for nanoscopic compositional analysis of VPO catalysts. , 2021, , .		0