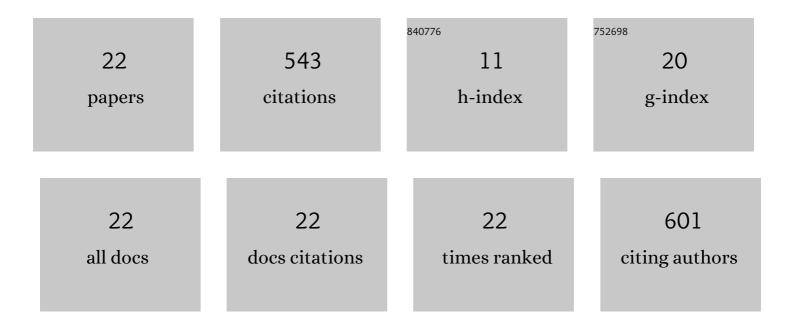
## Yong Guan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molybdenum derived from nanomaterials incorporates into molybdenum enzymes and affects their activities in vivo. Nature Nanotechnology, 2021, 16, 708-716.	31.5	153
2	Analysis of the three-dimensional microstructure of a solid-oxide fuel cell anode using nano X-ray tomography. Journal of Power Sources, 2011, 196, 1915-1919.	7.8	72
3	Underlying Promotion Mechanism of High Concentration of Silver Nanoparticles on Anammox Process. ACS Nano, 2019, 13, 14500-14510.	14.6	56
4	Quantitative analysis of micro structural and conductivity evolution of Ni-YSZ anodes during thermal cycling based on nano-computed tomography. Journal of Power Sources, 2011, 196, 10601-10605.	7.8	54
5	Nanocomputed Tomography Imaging of Bacterial Alkaline Phosphatase Activity with an Iodinated Hydrogelator. Analytical Chemistry, 2016, 88, 11982-11985.	6.5	27
6	Quantitative imaging of <i>Candida utilis</i> and its organelles by soft Xâ€ray Nano T. Journal of Microscopy, 2018, 270, 64-70.	1.8	24
7	Directly observing intracellular nanoparticle formation with nanocomputed tomography. Science Advances, 2020, 6, .	10.3	24
8	Limited angle tomography for transmission X-ray microscopy using deep learning. Journal of Synchrotron Radiation, 2020, 27, 477-485.	2.4	21
9	Method for extending the depth of focus in X-ray microscopy. Optics Express, 2017, 25, 7657.	3.4	14
10	Raman micro-spectroscopy monitoring of cytochrome c redox state in <i>Candida utilis</i> during cell death under low-temperature plasma-induced oxidative stress. Analyst, The, 2020, 145, 3922-3930.	3.5	14
11	Biomimetic inorganic-organic hybrid nanoparticles from magnesium-substituted amorphous calcium phosphate clusters and polyacrylic acid molecules. Bioactive Materials, 2021, 6, 2303-2314.	15.6	14
12	Insight into the structure and metabolic function of iron-rich nanoparticles in anammox bacteria. Science of the Total Environment, 2022, 806, 150879.	8.0	14
13	Quantitative 3D imaging of yeast by hard Xâ€ray tomography. Microscopy Research and Technique, 2012, 75, 662-666.	2.2	13
14	Reconstruction of limited-angle and few-view nano-CT image via total variation iterative reconstruction. Proceedings of SPIE, 2013, , .	0.8	7
15	Modeling of gas transport with electrochemical reaction in nickel-yttria-stabilized zirconia anode during thermal cycling by Lattice Boltzmann method. Journal of Power Sources, 2016, 327, 127-134.	7.8	7
16	Jitter correction for transmission X-ray microscopy via measurement of geometric moments. Journal of Synchrotron Radiation, 2019, 26, 1808-1814.	2.4	7
17	Quantitative three-dimensional nondestructive imaging of whole anaerobic ammonium-oxidizing bacteria. Journal of Synchrotron Radiation, 2020, 27, 753-761.	2.4	6
18	Precise correlative method of Cryo-SXT and Cryo-FM for organelle identification. Journal of Synchrotron Radiation, 2020, 27, 176-184.	2.4	6

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#	Article	IF	CITATIONS
19	Lattice-Boltzmann modeling of gas transport in Ni-Yttria-stabilized zirconia anodes during thermal cycling based on X-ray computed tomography. Electrochimica Acta, 2014, 121, 386-393.	5.2	5
20	Quantitative analysis methods for three-dimensional microstructure of the solid-oxide fuel cell anode. Journal of Physics: Conference Series, 2013, 463, 012030.	0.4	2
21	High spatial resolution correlative imaging of Cryo-SXM and CSDIM for identification of three-dimensional subcellular structures. OSA Continuum, 0, , .	1.8	2
22	Three Dimensional Imaging of Biological Samples and Nano-materials Using Soft X-ray Microscopy. Microscopy and Microanalysis, 2018, 24, 392-393.	0.4	1