

# Yumoto Hirokatsu

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

828  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evidence of tetrahedral symmetry breaking in SiO <sub>2</sub> glass under pressure. Nature Communications, 2022, 13, 2292.	12.8	6
2	Nanofocusing Optics for an X-Ray Free-Electron Laser Generating an Extreme Intensity of 100 EW/cm <sup>2</sup> Using Total Reflection Mirrors. Applied Sciences (Switzerland), 2020, 10, 2611.	2.5	17
3	Measurement of the X-ray Spectrum of a Free Electron Laser with a Wide-Range High-Resolution Single-Shot Spectrometer. Applied Sciences (Switzerland), 2017, 7, 584.	2.5	31
4	Damage threshold of coating materials on x-ray mirror for x-ray free electron laser. Review of Scientific Instruments, 2016, 87, 051801.	1.3	25
5	Atomic inner-shell laser at 1.5-Å wavelength pumped by an X-ray free-electron laser. Nature, 2015, 524, 446-449.	27.8	133
6	Saturable absorption of intense hard X-rays in iron. Nature Communications, 2014, 5, 5080.	12.8	94
7	Generation of 10 <sup>20</sup> W/cm <sup>2</sup> hard X-ray laser pulses with two-stage reflective focusing system. Nature Communications, 2014, 5, 3539.	12.8	124
8	X-ray two-photon absorption competing against single and sequential multiphoton processes. Nature Photonics, 2014, 8, 313-316.	31.4	164
9	Focusing of X-ray free-electron laser pulses with reflective optics. Nature Photonics, 2013, 7, 43-47.	31.4	234