

# Steven White

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3377838/publications.pdf>

Version: 2024-02-01

12  
papers

102  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a glassy state in strongly driven carbon. <i>Scientific Reports</i> , 2014, 4, 5214.	3.3	28
2	Experimental measurements of the collisional absorption of XUV radiation in warm dense aluminium. <i>Physical Review E</i> , 2016, 94, 023203.	2.1	16
3	Fast-electron refluxing effects on anisotropic hard-x-ray emission from intense laser-plasma interactions. <i>Physical Review E</i> , 2015, 91, 033107.	2.1	13
4	Fast electron propagation in Ti foils irradiated with sub-picosecond laser pulses at $I > 10^{18} \text{ W cm}^{-2}$ . <i>Physics of Plasmas</i> , 2014, 21, 023113.	1.9	12
5	Production of photoionized plasmas in the laboratory with x-ray line radiation. <i>Physical Review E</i> , 2018, 97, 063203.	2.1	10
6	Time-dependent effects in melting and phase change for laser-shocked iron. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
7	M-L band x-rays ( $\sim 3.5 \text{ KeV}$ ) from palladium coated targets for isochoric radiative heating of thin foil samples. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 224002.	1.5	8
8	Using a commercial mini-X-ray source for calibrating Bragg crystals. <i>Journal of Instrumentation</i> , 2018, 13, P12004-P12004.	1.2	3
9	Real-Time Electron Solvation Induced by Bursts of Laser-Accelerated Protons in Liquid Water. <i>Physical Review Letters</i> , 2021, 127, 186001.	7.8	3
10	Generation of photoionized plasmas in the laboratory: Analogues to astrophysical sources. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 321-325.	0.0	0
11	Measurements of free-free absorption in warm dense aluminium. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 074003.	2.1	0
12	L-Shell X-Ray Conversion Yields for Laser-Irradiated Tin and Silver Foils. <i>Laser and Particle Beams</i> , 2022, .	1.0	0