

# David L Windt

## List of Publications by Year in descending order

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17  
papers

4,594  
citations

933447

10  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2998  
citing authors

#	ARTICLE	IF	CITATIONS
1	SunCET: The Sun Coronal Ejection Tracker Concept. Journal of Space Weather and Space Climate, 2021, 11, 20.	3.3	11
2	Monochromatic mammography using scanning multilayer X-ray mirrors. Review of Scientific Instruments, 2018, 89, 083702.	1.3	4
3	EUV multilayer coatings for solar imaging and spectroscopy. Proceedings of SPIE, 2015, , .	0.8	8
4	The use of laterally graded multilayer mirrors for soft x-ray polarimetry. Proceedings of SPIE, 2015, , .	0.8	4
5	Laboratory-based x-ray reflectometer for multilayer characterization in the 15–150 keV energy band. Review of Scientific Instruments, 2015, 86, 043107.	1.3	5
6	The High-Resolution Coronal Imager (Hi-C). Solar Physics, 2014, 289, 4393-4412.	2.5	104
7	The Atmospheric Imaging Assembly (AIA) on the Solar Dynamics Observatory (SDO). Solar Physics, 2012, 275, 17-40.	2.5	3,385
8	Measurement of dysprosium optical constants in the 2-830 eV spectral range using a transmittance method, and compilation of the revised optical constants of lanthanum, terbium, neodymium, and gadolinium. Applied Optics, 2009, 48, 3084.	2.1	12
9	Performance, structure, and stability of SiC/Al multilayer films for extreme ultraviolet applications. Applied Optics, 2009, 48, 4932.	2.1	38
10	Performance optimization of Si/Gd extreme ultraviolet multilayers. Applied Optics, 2009, 48, 5502.	2.1	6
11	Normal-incidence silicon–gadolinium multilayers for imaging at 63 nm wavelength. Optics Letters, 2008, 33, 965.	3.3	20
12	Reduction of stress and roughness by reactive sputtering in W/B 4 C multilayer films. Proceedings of SPIE, 2007, , .	0.8	34
13	Development and testing of EUV multilayer coatings for the atmospheric imaging assembly instrument aboard the Solar Dynamics Observatory. , 2005, , .		27
14	Normal-incidence efficiencies of multilayer-coated lamellar gratings for the Extreme-Ultraviolet Imaging Spectrometer on the Solar-B mission. Applied Optics, 2004, 43, 1463.	2.1	30
15	Experimental comparison of extreme-ultraviolet multilayers for solar physics. Applied Optics, 2004, 43, 1835.	2.1	53
16	W/SiC x-ray multilayers optimized for use above 100 keV. Applied Optics, 2003, 42, 2415.	2.1	43
17	IMD—Software for modeling the optical properties of multilayer films. Computers in Physics, 1998, 12, 360.	0.5	810