

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