David L. Windt
Publications

Peer-Reviewed Journals

1. L. A. Rachmeler, A. R. Winebarger, S. L. Savage, L. Golub, K. Kobayashi, G. D. Vigil, D. H. Brooks, J. W. Cirtain, B. De Pontieu, D. E. McKenzie, R. J. Morton, H. Peter, P. Testa, S. K. Tiwari, R. W. Walsh, H. P. Warren, C. Alexander, D. Ansell, B. L. Beabout, D. L. Beabout, C. W. Bethge, P. R. Champey, P. N. Cheimets, M. A. Cooper, H. K. Creel, R. Gates, C. Gomez, A. Guillory, H. Haight, W. D. Hogue, T. Holloway, D. W. Hyde, R. Kenyon, J. N. Marshall, J. E. McCracken, K. McCracken, K. O. Mitchell, M. Ordway, T. Owen, J. Ranganathan, B. A. Robertson, M. J. Payne, W. Podgorski, J. Pryor, J. Samra, M. D. Sloan, H. A. Soohoo, D. B. Steele, F. V. Thompson, G. S. Thornton, B. Watkinson & D. Windt, 'The High-Resolution Coronal Imager, Flight 2.1', Solar Physics, 294, 174 (2019) doi: 10.1007/s11207-019-1551-2
2. D. L. Windt, 'Monochromatic mammography using scanning X-ray mirrors', Rev. Sci. Instrum., 89, 083702 (2018) doi:10.1063/1.5041799
3. H. L. Marshall, H. Moritz Günther, R. K. Heilmann, N. S. Schulz, M. Egan, T. Hellickson, D. L. Windt, E. M. Gullikson, B. Ramsey, G. Tagliaferri, and G. Pareschi, 'Design of a broad-band soft X-ray polarimeter', J. Astron. Telesc. Instrum. Syst., 4, 011005-1 – 011005-12 (2018), doi: 10.1117/1.JATIS.4.1.011005
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6. D. L. Windt, 'Laboratory-based X-ray reflectometer for multilayer characterization in the 15-150 keV energy band', Rev. Sci. Instrum., 86, 043107 (2015); doi: 10.1063/1.4916737
7. K. Kobayashi, J. Cirtain, A. R. Winebarger, K. Korreck, L. Golub, R. W. Walsh, B. De Pontieu, C. DeForest, A. Title, S. Kuzin, S. Savage, D. Beabout, B. Beabout, W. Podgorski, D. Caldwell, K. McCracken, M. Ordway, H. Begner, R. Gates, S. McKillop, P. Cheimets, S. Platt, N. Mitchell, D. Windt, 'Hi-C: The High Resolution Coronal Imager', Solar Physics (2014) doi: 10.1007/s11207-014-0544-4
8. D. Martínez-Galarce, R. Soufli, D. L. Windt, M. Bruner, E. Gullikson, S. Khatri, E. Spiller, J. C. Robinson, S. Baker, E. Prast, 'Multisegmented, multilayer-coated mirrors for the Solar Ultraviolet Imager', Opt. Eng. 52, 095102 (2013)
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17. M. G. Pelizzo, M. Suman, D. L. Windt, P. Zuppella and P. Nicolosi, 'EUV multilayer coated mirrors for atto-physics, photolithography and space experiments: Software design procedure', Nucl. Inst. & Meth. A, 623, 782 – 785 (2010)
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Book Chapters

1. D. L. Windt (2019), 'Multilayer Coatings', In 'The WSPC Handbook of Astronomical Instrumentation', Vol. 4, pp. ?? – ?? 'X-ray Astronomical Instrumentation', Ed. David N. Burrows, World Scientific Publishing, ISBN: 978-981-4644-31-0, doi: 10.1142/9446

Other Publications

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