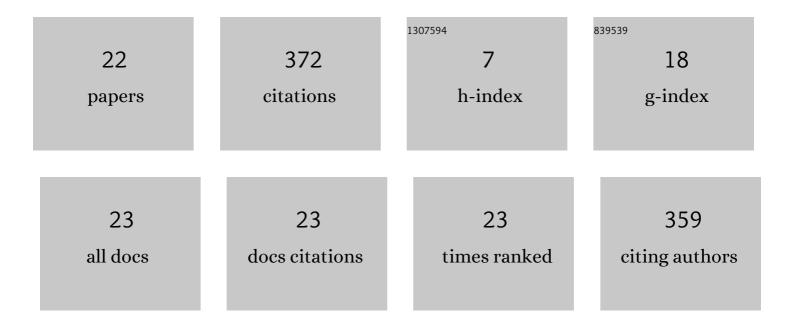
Xiaodong Wang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Designing a Beryllium-Free Deep-Ultraviolet Nonlinear Optical Material without a Structural Instability Problem. Journal of the American Chemical Society, 2016, 138, 2961-2964. | 13.7 | 220 |
| 2 | A beryllium-free deep-UV nonlinear optical material CsNaMgP ₂ O ₇ with honeycomb-like topological layers. Journal of Materials Chemistry C, 2018, 6, 3910-3916. | 5.5 | 48 |
| 3 | High Resolution Imaging Camera (HiRIC) on China's First Mars Exploration Tianwen-1 Mission. Space Science Reviews, 2021, 217, 1. | 8.1 | 40 |
| 4 | Space target detection in optical image sequences for wide-field surveillance. International Journal of Remote Sensing, 2020, 41, 7846-7867. | 2.9 | 10 |
| 5 | Design and Fabrication of Far-Ultraviolet Reflective Broadband Filter Based on Dielectric Materials. Applied Spectroscopy, 2018, 72, 943-946. | 2.2 | 9 |
| 6 | Topology Optimization Based Parametric Design of Balloon Borne Telescope's Primary Mirror. Applied Sciences (Switzerland), 2021, 11, 5077. | 2.5 | 9 |
| 7 | EUV multilayer mirrors in solar X-EUV Imager. Optik, 2020, 204, 164213. | 2.9 | 7 |
| 8 | Thermal and stress studies of the 30.4nm Mo/Si multilayer mirror for the moon-based EUV camera. Applied Surface Science, 2014, 317, 902-907. | 6.1 | 4 |
| 9 | Torque Ripple Suppression of Brushless DC Motor Drive System Based on Improved Harmonic Injection Active Disturbance Rejection Control. Sensors, 2022, 22, 1069. | 3.8 | 4 |
| 10 | Influence of background pressure on the microstructure and optical properties of Mo/Si multilayers fabricated by magnetron sputtering. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1689-1693. | 5.1 | 3 |
| 11 | Design of dual-band cold mirrors. Scientific Reports, 2017, 7, 15402. | 3.3 | 3 |
| 12 | Design of second-order 121.6-nm narrowband minus filters using asymmetrically apodized thickness modulation. Applied Physics B: Lasers and Optics, 2018, 124, 1. | 2.2 | 3 |
| 13 | Design of First-Order 121.6 nm Minus Filters. Applied Spectroscopy, 2018, 72, 1498-1502. | 2.2 | 2 |
| 14 | Origin of Fresnel problem of two dimensional materials. Scientific Reports, 2019, 9, 17825. | 3.3 | 2 |
| 15 | Design of W/Si supermirror by block method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 957, 163435. | 1.6 | 2 |
| 16 | Design and fabrication of narrowband 121.6nm minus filters. , 2018, , . | | 2 |
| 17 | Fast Optimization Design of the Flexure for a Space Mirror Based on Mesh Deformation. Photonics, 2021, 8, 567. | 2.0 | 2 |
| 18 | Microstructures of the interlayer in Mo/Si multilayers induced by proton irradiation. Science China: Physics, Mechanics and Astronomy, 2012, 55, 2194-2198. | 5.1 | 1 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Structural relaxation probed by resistance drift in amorphous germanium. Materials Research Express, 2020, 7, 036410. | 1.6 | 1 |
| 20 | Algorithm Research of Flexible Graphplan based on Heuristic. , 2008, , . | | 0 |
| 21 | Design of Pt/C X-ray supermirror by needle optimization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 990, 164988. | 1.6 | 0 |
| 22 | Stray-Light Suppression of the Internally Occulted Reflecting Solar Corona Imager. Frontiers in Physics, 0, 10, . | 2.1 | 0 |