

Ke-Xun Sun

List of Publications by Year in descending order

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15
papers

377
citations

933264

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996849

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g-index

15
all docs

15
docs citations

15
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron radiation hardness of aluminum gallium nitride UV LEDs at various wavelengths. Review of Scientific Instruments, 2021, 92, 043501.	0.6	2
2	Gallium nitride (GaN) devices as a platform technology for radiation hard inertial confinement fusion diagnostics. Review of Scientific Instruments, 2018, 89, 10K113.	0.6	7
3	Invited Article: Advanced drag-free concepts for future space-based interferometers: acceleration noise performance. Review of Scientific Instruments, 2014, 85, 011301.	0.6	25
4	Sphere mass center determination by velocity modulation. Precision Engineering, 2011, 35, 464-472.	1.8	1
5	Fiber-coupled, Littrow-grating cavity displacement sensor. Optics Letters, 2010, 35, 1260.	1.7	10
6	Precise diffraction efficiency measurements of large-area greater-than-99%-efficient dielectric gratings at the Littrow angle. Optics Letters, 2009, 34, 1708.	1.7	23
7	UV LED operation lifetime and radiation hardness qualification for space flights. Journal of Physics: Conference Series, 2009, 154, 012028.	0.3	20
8	Determination of Spherical Test Mass Kinematics with Modular Gravitational Reference Sensor. Journal of Guidance, Control, and Dynamics, 2008, 31, 1700-1707.	1.6	7
9	LED deep UV source for charge management of gravitational reference sensors. Classical and Quantum Gravity, 2006, 23, S141-S150.	1.5	56
10	Advanced gravitational reference sensor for high precision space interferometers. Classical and Quantum Gravity, 2005, 22, S287-S296.	1.5	29
11	All-reflective Michelson, Sagnac, and Fabry-Perot interferometers based on grating beam splitters. Optics Letters, 1998, 23, 567.	1.7	58
12	Polarization-based balanced heterodyne detection method in a Sagnac interferometer for precision phase measurement. Optics Letters, 1997, 22, 1359.	1.7	23
13	Balanced heterodyne signal extraction in a postmodulated Sagnac interferometer at low frequency. Optics Letters, 1997, 22, 1485.	1.7	19
14	Sagnac Interferometer for Gravitational-Wave Detection. Physical Review Letters, 1996, 76, 3053-3056.	2.9	87
15	Injection-Locked Mode-Beating in TEA CO ₂ Laser as a High-Power Modulation Method. Japanese Journal of Applied Physics, 1986, 25, 1886-1889.	0.8	10