

Ke-Xun Sun

List of Publications by Year in descending order

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15
papers

377
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

264
citing authors

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