

Pawel Adamiec

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

222
citations

1684188

5
h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Brightness Quantum Well Tapered Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1009-1020.	2.9	100
2	Nearly Diffraction-Limited Tapered Lasers at 675 nm With 1-W Output Power and Conversion Efficiencies Above 30%. IEEE Photonics Technology Letters, 2011, 23, 266-268.	2.5	25
3	Tapered lasers emitting at 650 nm with 1 W output power with nearly diffraction-limited beam quality. Optics Letters, 2009, 34, 2456.	3.3	24
4	Atmospheric CO ₂ Sensing with a Random Modulation Continuous Wave Integrated Path Differential Absorption Lidar. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 157-167.	2.9	24
5	Wavelength tuning of laser diodes using hydrostatic pressure. , 2003, 4989, 181.		12
6	Effect of pressure and temperature on AlGaInP and AlGaAs laser diodes. , 2003, 4986, 613.		9
7	Radiation Hard Contactless Angular Position Sensor Based on Hall Effect. IEEE Transactions on Nuclear Science, 2016, 63, 2971-2978.	2.0	8
8	Pressure tuning of high-power laser diodes. , 2003, , .		5
9	Emulation Technique of Multiple Overlapped Return Echoes of a Spatial LIDAR With 100-dB Dynamic Resolution. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-7.	4.7	5
10	LIDAR echo emulator. , 2019, , .		4
11	Development of a NIR-VIS-UV lidar echo emulator. , 2021, , .		2
12	Radiation tests on the COTS image sensor from CMOSIS. , 2019, , .		2
13	High Data Rate Modulation of High Power 1060-nm DBR Tapered Lasers With Separate Contacts. IEEE Photonics Technology Letters, 2013, 25, 2171-2173.	2.5	1
14	Atmospheric CO ₂ remote sensing system based on high brightness semiconductor lasers and single photon counting detection. Proceedings of SPIE, 2015, , .	0.8	1
15	Radiation tests on the HAS2 image sensor with colour filter array for the JUICE Monitoring Cameras. , 2021, , .		0
16	Near-infrared, visible, and ultraviolet lidar echo emulator. Optics Express, 2022, 30, 2173.	3.4	0