

Serge Luryi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5847963/publications.pdf>

Version: 2024-02-01

21
papers

199
citations

1163117

8
h-index

1125743

13
g-index

50
all docs

50
docs citations

50
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon enhanced inverse population in asymmetric double quantum wells. Applied Physics Letters, 1999, 75, 3258-3260.	3.3	32
2	Urbach tail studies by luminescence filtering in moderately doped bulk InP. Applied Physics Letters, 2010, 97, .	3.3	24
3	Radiation efficiency of heavily doped bulk n-InP semiconductor. Journal of Applied Physics, 2010, 108, .	2.5	23
4	Entrepreneurship in engineering education. , 2007, , .		21
5	FEASIBILITY OF AN OPTICAL FREQUENCY MODULATION SYSTEM FOR FREE-SPACE OPTICAL COMMUNICATIONS. International Journal of High Speed Electronics and Systems, 2006, 16, 559-566.	0.7	13
6	Direct observation of Δ valley flights of holes in bulk n -doped InP. Physical Review B, 2012, 86, .	3.2	13
7	Photon assisted Δ valley flights of minority carriers in n -InP. Journal of Luminescence, 2012, 132, 1935-1943.	3.1	10
8	Temperature controlled Δ valley flights of minority carriers in photoexcited bulk n -InP. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 266-269.	2.1	10
9	Δ VALLEY FLIGHT OF HOLES IN n -InP SEMICONDUCTOR SCINTILLATOR. International Journal of High Speed Electronics and Systems, 2012, 21, 1250001.	0.7	9
10	IMPREGNATED SEMICONDUCTOR SCINTILLATOR. International Journal of High Speed Electronics and Systems, 2008, 18, 973-982.	0.7	7
11	High-Speed Stark Wavelength Tuning of MidIR Interband Cascade Lasers. IEEE Photonics Technology Letters, 2007, 19, 360-362.	2.5	4
12	Low-Power Amplifier for Readout Interface of Semiconductor Scintillator. IEEE Transactions on Nuclear Science, 2011, 58, 2129-2136.	2.0	3
13	ON THE POSSIBILITY OF AN INTERSUBBAND LASER IN SILICON-ON-INSULATOR. International Journal of High Speed Electronics and Systems, 2006, 16, 411-420.	0.7	1
14	Optical Power Transmission Through Adhesive and Bonding Layers. Journal of Lightwave Technology, 2009, 27, 5192-5201.	4.6	1
15	FEASIBILITY OF AN OPTICAL FREQUENCY MODULATION SYSTEM FOR FREE-SPACE OPTICAL COMMUNICATIONS. , 2006, , .		1
16	IMPREGNATED SEMICONDUCTOR SCINTILLATOR. Selected Topics in Electronics and Systems, 2009, , 215-224.	0.2	0
17	Reflections on the Future Electric Power Grid Monitoring System. , 2015, , .		0
18	New Materials and New Physics. , 2016, , 111-111.		0

#	ARTICLE	IF	CITATIONS
19	ON THE POSSIBILITY OF AN INTERSUBBAND LASER IN SILICON-ON-INSULATOR. , 2006, , .		0
20	Future of Digital Silicon. , 0, , 1-1.		0
21	Microelectronics in Health, Energy Harvesting, and Communications. , 0, , 243-243.		0