

Jihoon Jeong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of Solid-State Laser Gain Module by Measurement of Thermal Effect and Energy Storage. <i>Photonics</i> , 2021, 8, 418.	2.0	2
2	Modeling and Analysis of High-Power Ti:sapphire Laser Amplifiers—A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2396.	2.5	5
3	Amplified spontaneous emission suppression of a saturable absorber in a nanosecond double-pass laser amplifier. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 020901.	1.5	2
4	Thermal lens effect model of Ti:sapphire for use in high-power laser amplifiers. <i>Applied Physics Express</i> , 2018, 11, 092701.	2.4	5
5	Optimization of the pulse width and injection time in a double-pass laser amplifier. <i>High Power Laser Science and Engineering</i> , 2018, 6, .	4.6	4
6	Frequency-Modulated Pulse-Amplification Method for Reducing Pulse Shape Distortion. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1637-1643.	0.7	1
7	Femtosecond laser pulse distortion in Ti:sapphire multipass amplifier by atomic phase shifts. <i>Journal of the Korean Physical Society</i> , 2017, 71, 652-656.	0.7	2
8	Numerical extension of Frantz–Nodvik equation for double-pass amplifiers with pulse overlap. <i>Optics Express</i> , 2017, 25, 3946.	3.4	12
9	Jones calculus modeling and analysis of the thermal distortion in a Ti:sapphire laser amplifier. <i>Optics Express</i> , 2016, 24, 14362.	3.4	7
10	Numerical study of a thermally-compensated high-energy double-pass Nd:YAG amplifier design. <i>Journal of the Korean Physical Society</i> , 2016, 68, 653-657.	0.7	6
11	Terahertz radiation characteristics from graphite on various substrates: the phase variation. , 2011, , .		1
12	Thickness dependence of terahertz emission in InAs and its application to transmissive source. <i>AIP Conference Proceedings</i> , 2011, , .	0.4	1
13	Terahertz emission from nanophononic heterostructures: the nexus between scale and origin. <i>Journal of the Korean Physical Society</i> , 2010, 56, 247-250.	0.7	0
14	Excitation Wavelength Dependence of Terahertz Radiation from InAs: UV versus IR. <i>Journal of the Korean Physical Society</i> , 2010, 56, 262-264.	0.7	2
15	Terahertz radiation from standing wave modes in GaN-based piezoelectric heterostructures. , 2009, , .		0
16	Optical and THz characterization of p-In _{0.64} Al _{0.36} Sb for antenna application. , 2009, , .		0