Ioan Dancus

List of Publications by Year
in descending order

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27 papers	520 citations	1163117 8 h-index	1058476 14 g-index
27 all docs	27 docs citations	27 times ranked	619 citing authors

#	Article	IF	Citations
1	10 PW peak power femtosecond laser pulses at ELI-NP. High Power Laser Science and Engineering, 2022, 10, .	4.6	46
2	Suppression of thermal nanoplasma emission in clusters strongly ionized by hard x-rays. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 044001.	1.5	7
3	High-energy hybrid femtosecond laser system demonstrating 2 Ã— 10 PW capability. High Power Laser Science and Engineering, 2020, 8, .	4.6	108
4	Current status and highlights of the ELI-NP research program. Matter and Radiation at Extremes, 2020, 5, .	3.9	114
5	Generation of shock trains in free liquid jets with a nanosecond green laser. Physical Review Fluids, 2020, 5, .	2.5	9
6	10 petawatt lasers for extreme light applications. , 2020, , .		1
7	First HPLS Experiments at ELI-NP: Spectral Broadening in Thin Films. , 2020, , .		0
8	Prospects for Ultra High Irradiance at Extreme Light Infrastructure - Nuclear Physics. , 2020, , .		0
9	Optical Thin Film Compression for Laser Induced Plasma Diagnostics. , 2019, , .		1
10	The extreme light infrastructureâ€"nuclear physics (ELI-NP) facility: new horizons in physics with 10 PW ultra-intense lasers and 20 MeV brilliant gamma beams. Reports on Progress in Physics, 2018, 81, 094301.	20.1	164
11	Free space variable optical attenuator using frustrated total internal reflection with 70â€‰â€‰dB dynamic range. Applied Optics, 2018, 57, 10051.	1.8	2
12	Hollow core inhibited coupling fibers design for femtosecond pulse spectral broadening in multipetawatt laser-induced plasma diagnostics. , 2017, , .		0
13	Laser-based acceleration for nuclear physics experiments at ELI-NP. EPJ Web of Conferences, 2016, 117, 05004.	0.3	0
14	Perspectives for neutron and gamma spectroscopy in high power laser driven experiments at ELI-NP. , 2015, , .		2
15	Nonlinear optical properties of Rh610 sensitized DNA-CTMA characterized by Z-Scan. Proceedings of SPIE, 2013, , .	0.8	4
16	Single shot interferometric method for measuring the nonlinear refractive index. Optics Express, 2013, 21, 31303.	3.4	15
17	Synthesis and characterization of side-chain maleimide-styrene copolymers with new pendant azobenzene moieties. Journal of Polymer Research, 2011, 18, 1009-1016.	2.4	15
18	Large optical nonlinearities in copolymers with new pendant azobenzene moieties. , 2011, , .		0

#	Article	IF	Citations
19	All - Optical spatial light modulator using CdTe quantum dots. , 2011, , .		0
20	Side-chain polymers bearing azo-moieties for nonlinear optics. , 2010, , .		0
21	Optical limiting in polystyrene embedded nanocrystals. , 2010, , .		0
22	Saturated near-resonant refractive optical nonlinearity in CdTe quantum dots. Optics Letters, 2010, 35, 1079.	3.3	24
23	Size dependent nonlinear properties of thiol-capped CdTe QDs. , 2009, , .		0
24	Optical limiting in CdTe nanocrystals embedded in polystyrene. Proceedings of SPIE, 2009, , .	0.8	4
25	<title>Z-Scan measurement of thermal optical nonlinearities</title>. Proceedings of SPIE, 2007, 6785, 380.	0.8	2
26	<title>Confocal microscopy for visualization and characterization of porous silicon samples</title>. Proceedings of SPIE, 2007, , .	0.8	1
27	<title>Multiple-pass Z-Scan for the characterization of partial transparent nonlinear optical materials</title>. , 2004, , .		1