VojtÄ›ch Vozda

List of Publications by Year
in descending order

14	140	1307594 7	1199594 12
papers	citations	h-index	g-index

14	14	14	149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clocking Femtosecond Collisional Dynamics via Resonant X-Ray Spectroscopy. Physical Review Letters, 2018, 120, 055002.	7.8	22
2	Mechanism of single-shot damage of Ru thin films irradiated by femtosecond extreme UV free-electron laser. Optics Express, 2018, 26, 19665.	3.4	20
3	Experimental study of EUV mirror radiation damage resistance under long-term free-electron laser exposures below the single-shot damage threshold. Journal of Synchrotron Radiation, 2018, 25, 77-84.	2.4	16
4	Plane wave expansion method used to engineer photonic crystal sensors with high efficiency. Optics Express, 2014, 22, 2562.	3.4	15
5	Role of heat accumulation in the multi-shot damage of silicon irradiated with femtosecond XUV pulses at a 1 MHz repetition rate. Optics Express, 2016, 24, 15468.	3.4	15
6	Measurements of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math> -Shell Opacity of a Solid-Density Magnesium Plasma Heated by an X-Ray Free-Electron Laser. Physical Review Letters, 2017, 119, 085001.	7.8	15
7	Time-Resolved XUV Opacity Measurements of Warm Dense Aluminum. Physical Review Letters, 2020, 124, 225002.	7.8	15
8	Damage accumulation in thin ruthenium films induced by repetitive exposure to femtosecond XUV pulses below the single-shot ablation threshold. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2799.	2.1	6
9	Real-time spatial characterization of micrometer-sized X-ray free-electron laser beams focused by bendable mirrors. Optics Express, 2022, 30, 20980.	3.4	6
10	Characterization of megahertz X-ray laser beams by multishot desorption imprints in PMMA. Optics Express, 2020, 28, 25664.	3.4	5
11	Detachment of epitaxial graphene from SiC substrate by XUV laser radiation. Carbon, 2020, 161, 36-43.	10.3	3
12	Micro-Raman mapping of surface changes induced by XUV laser radiation in cadmium telluride. Journal of Alloys and Compounds, 2018, 763, 662-669.	5.5	2
13	Non-thermal damage to lead tungstate induced by intense short-wavelength laser radiation (Conference Presentation). , 2017, , .		0
14	X-ray Spectroscopic Studies of a Solid-Density Germanium Plasma Created by a Free Electron Laser. Applied Sciences (Switzerland), 2020, 10, 8153.	2.5	0