

# Vojtěch Vozda

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Time-Resolved XUV Opacity Measurements of Warm Dense Aluminum. Physical Review Letters, 2020, 124, 225002.	7.8	15
4	Detachment of epitaxial graphene from SiC substrate by XUV laser radiation. Carbon, 2020, 161, 36-43.	10.3	3
5	Characterization of megahertz X-ray laser beams by multishot desorption imprints in PMMA. Optics Express, 2020, 28, 25664.	3.4	5
6	Clocking Femtosecond Collisional Dynamics via Resonant X-Ray Spectroscopy. Physical Review Letters, 2018, 120, 055002.	7.8	22
7	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
8	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
9	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
10	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
11	Measurements of the $K$ -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
12	Non-thermal damage to lead tungstate induced by intense short-wavelength laser radiation (Conference Presentation)., 2017,, .		0
13	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
14	Plane wave expansion method used to engineer photonic crystal sensors with high efficiency. Optics Express, 2014, 22, 2562.	3.4	15