

# Eva Klimesova

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

207  
citations

1307594

7  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

375  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multipurpose end-station for atomic, molecular and optical sciences and coherent diffractive imaging at ELI beamlines. <i>European Physical Journal: Special Topics</i> , 2021, 230, 4183-4194.	2.6	13
2	Update on laser-driven X-ray sources at ELI Beamlines. , 2021, , .		1
3	Nanoparticle-assisted acceleration of laser-irradiated low-density He ions. <i>Physical Review A</i> , 2021, 104, .	2.5	3
4	THz streak camera performance for single-shot characterization of XUV pulses with complex temporal structures. <i>Optics Express</i> , 2020, 28, 20686.	3.4	4
5	Plasma channel formation in NIR laser-irradiated carrier gas from an aerosol nanoparticle injector. <i>Scientific Reports</i> , 2019, 9, 8851.	3.3	4
6	Progress on laser-driven x-ray sources at ELI Beamlines. , 2019, , .		3
7	Ultrafast multi-electron dynamics studied with THz-field streaking. <i>EPJ Web of Conferences</i> , 2018, 195, 07003.	0.3	0
8	Photoluminescence Studies of Li-Doped Si Nanocrystals. <i>Nanomaterials and Nanotechnology</i> , 2013, 3, 14.	3.0	0
9	Tuning luminescence properties of silicon nanocrystals by lithium doping. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	16
10	Luminescence of free-standing versus matrix-embedded oxide-passivated silicon nanocrystals: The role of matrix-induced strain. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	61
11	A System for Conducting Surface Science with Attosecond Pulses. <i>Springer Proceedings in Physics</i> , 2012, , 359-363.	0.2	0
12	Numerical simulation of attosecond nanoplasmonic streaking. <i>New Journal of Physics</i> , 2011, 13, 083003.	2.9	34
13	Pulse-Length Dependence of the Anisotropy of Laser-Driven Cluster Explosions: Transition to the Impulsive Regime for Pulses Approaching the Few-Cycle Limit. <i>Physical Review Letters</i> , 2010, 104, 203401.	7.8	39
14	Silicon nanocrystals in silica – Novel active waveguides for nanophotonics. <i>Journal of Luminescence</i> , 2006, 121, 267-273.	3.1	8
15	Waveguide cores containing silicon nanocrystals as active spectral filters for silicon-based photonics. <i>Applied Physics B: Lasers and Optics</i> , 2006, 83, 87-91.	2.2	15
16	Active planar optical waveguides with silicon nanocrystals: Leaky modes under different ambient conditions. <i>Journal of Applied Physics</i> , 2006, 100, 074307.	2.5	6