

# Murat Sivis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3050173/publications.pdf>

Version: 2024-02-01

22  
papers

1,121  
citations

623734

14  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast transmission electron microscopy using a laser-driven field emitter: Femtosecond resolution with a high coherence electron beam. <i>Ultramicroscopy</i> , 2017, 176, 63-73.	1.9	292
2	Tailored semiconductors for high-harmonic optoelectronics. <i>Science</i> , 2017, 357, 303-306.	12.6	173
3	Strong-field nano-optics. <i>Reviews of Modern Physics</i> , 2020, 92, .	45.6	141
4	Controlling free electrons with optical whispering-gallery modes. <i>Nature</i> , 2020, 582, 46-49.	27.8	132
5	Nanoscale magnetic imaging using circularly polarized high-harmonic radiation. <i>Science Advances</i> , 2017, 3, eaao4641.	10.3	85
6	An ultrafast nanotip electron gun triggered by grating-coupled surface plasmons. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	41
7	Real-space imaging of nanotip plasmons using electron energy loss spectroscopy. <i>Physical Review B</i> , 2015, 92, .	3.2	40
8	Spontaneous and stimulated electron-photon interactions in nanoscale plasmonic near fields. <i>Light: Science and Applications</i> , 2021, 10, 82.	16.6	40
9	Continuous-wave multiphoton photoemission from plasmonic nanostars. <i>Communications Physics</i> , 2018, 1, .	5.3	37
10	Nanotip-based photoelectron microgun for ultrafast LEED. <i>Structural Dynamics</i> , 2017, 4, 044024.	2.3	34
11	Generation and Bistability of a Waveguide Nanoplasma Observed by Enhanced Extreme-Ultraviolet Fluorescence. <i>Physical Review Letters</i> , 2013, 111, 085001.	7.8	26
12	Coherent diffractive imaging beyond the projection approximation: waveguiding at extreme ultraviolet wavelengths. <i>Optics Express</i> , 2015, 23, 19911.	3.4	25
13	Chiral high-harmonic generation and spectroscopy on solid surfaces using polarization-tailored strong fields. <i>Nature Communications</i> , 2021, 12, 3723.	12.8	23
14	Ultrafast high-harmonic nanoscopy of magnetization dynamics. <i>Nature Communications</i> , 2021, 12, 6337.	12.8	22
15	Polarization contrast of nanoscale waveguides in high harmonic imaging. <i>Optica</i> , 2016, 3, 239.	9.3	6
16	Clocking plasmon nanofocusing by THz near-field streaking. <i>Applied Physics Letters</i> , 2017, 111, 131102.	3.3	3
17	Coherent Phase Control of Ultrashort Electron Pulses by Traveling Optical Waves and Whispering-gallery Modes. <i>Microscopy and Microanalysis</i> , 2020, 26, 678-680.	0.4	0
18	Imaging Nanoscale Optical Fields with Inelastic Electron-light Scattering. <i>Microscopy and Microanalysis</i> , 2020, 26, 1920-1922.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Chiral solid-state high-harmonic generation and spectroscopy with polarization-tailored strong fields. , 2021, , .		0
20	Magnetic sub-Wavelength Imaging using High-Harmonic Radiation. , 2018, , .		0
21	Ultrafast Magnetic Microscopy using High-Harmonic Radiation. , 2019, , .		0
22	Femtosecond nanoscopy with high harmonics. , 2020, , .		0