

# Timur Osipov

## List of Publications by Year in descending order

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papers

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citations

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docs citations

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times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Few-femtosecond resolved imaging of laser-driven nanoplasma expansion. <i>New Journal of Physics</i> , 2022, 24, 043024.	2.9	7
2	The time-resolved atomic, molecular and optical science instrument at the Linac Coherent Light Source. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 957-968.	2.4	5
3	Electron-ion coincidence measurements of molecular dynamics with intense X-ray pulses. <i>Scientific Reports</i> , 2021, 11, 505.	3.3	11
4	Ptychographic wavefront characterization for single-particle imaging at x-ray lasers. <i>Optica</i> , 2021, 8, 551.	9.3	12
5	Site-specific interrogation of an ionic chiral fragment during photolysis using an X-ray free-electron laser. <i>Communications Chemistry</i> , 2021, 4, .	4.5	17
6	Intermolecular Coulombic Decay in Endohedral Fullerene at the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\tau} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle f \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Resonance. <i>Physical Review Letters</i> , 2020, 124, 113002.	7.8	18
7	The role of transient resonances for ultra-fast imaging of single sucrose nanoclusters. <i>Nature Communications</i> , 2020, 11, 167.	12.8	27
8	A coincidence velocity map imaging spectrometer for ions and high-energy electrons to study inner-shell photoionization of gas-phase molecules. <i>Review of Scientific Instruments</i> , 2019, 90, 055103.	1.3	14
9	Electrospray sample injection for single-particle imaging with x-ray lasers. <i>Science Advances</i> , 2019, 5, eaav8801.	10.3	49
10	The LAMP instrument at the Linac Coherent Light Source free-electron laser. <i>Review of Scientific Instruments</i> , 2018, 89, 035112.	1.3	24
11	Isomer-dependent fragmentation dynamics of inner-shell photoionized difluoroiodobenzene. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13419-13431.	2.8	19
12	Soft-x-ray-induced ionization and fragmentation dynamics of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \rangle \text{Sc} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle @ \langle \text{mml:mo} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{C} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 80 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ investigated using an ion-ion-coincidence momentum-imaging technique. <i>Physical Review A</i> , 2017, 96, .	2.5	11
13	The Role of Super-Atom Molecular Orbitals in Doped Fullerenes in a Femtosecond Intense Laser Field. <i>Scientific Reports</i> , 2017, 7, 121.	3.3	10
14	Identification of absolute geometries of cis and trans molecular isomers by Coulomb Explosion Imaging. <i>Scientific Reports</i> , 2016, 6, 38202.	3.3	32
15	Charge transfer in dissociating iodomethane and fluoromethane molecules ionized by intense femtosecond X-ray pulses. <i>Structural Dynamics</i> , 2016, 3, 043207.	2.3	59
16	Polarization control in an X-ray free-electron laser. <i>Nature Photonics</i> , 2016, 10, 468-472.	31.4	116
17	The Atomic, Molecular and Optical Science instrument at the Linac Coherent Light Source. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 492-497.	2.4	61
18	Ultrafast isomerization initiated by X-ray core ionization. <i>Nature Communications</i> , 2015, 6, 8199.	12.8	92

#	ARTICLE	IF	CITATIONS
19	Double Core Hole Spectroscopy of Small Molecules. , 2012, , .		0
20	Double-core-hole spectroscopy for chemical analysis with an intense X-ray femtosecond laser. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16912-16915.	7.1	165