

# Rolf Treusch

## List of Publications by Year in descending order

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154  
papers

9,543  
citations

47006

47  
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37204

96  
g-index

156  
all docs

156  
docs citations

156  
times ranked

5729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342.	31.4	1,455
2	Femtosecond diffractive imaging with a soft-X-ray free-electron laser. Nature Physics, 2006, 2, 839-843.	16.7	910
3	Multiple ionization of atom clusters by intense soft X-rays from a free-electron laser. Nature, 2002, 420, 482-485.	27.8	433
4	First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829.	7.8	344
5	The soft x-ray free-electron laser FLASH at DESY: beamlines, diagnostics and end-stations. New Journal of Physics, 2009, 11, 023029.	2.9	331
6	Generation of GW Radiation Pulses from a VUV Free-Electron Laser Operating in the Femtosecond Regime. Physical Review Letters, 2002, 88, 104802.	7.8	313
7	First operation of a free-electron laser generating GW power radiation at 32Ånm wavelength. European Physical Journal D, 2006, 37, 297-303.	1.3	301
8	Femtosecond time-delay X-ray holography. Nature, 2007, 448, 676-679.	27.8	238
9	Ultrafast single-shot diffraction imaging of nanoscale dynamics. Nature Photonics, 2008, 2, 415-419.	31.4	221
10	Ultrafast Extreme Ultraviolet Induced Isomerization of Acetylene Cations. Physical Review Letters, 2010, 105, 263002.	7.8	172
11	Ultrafast optical demagnetization manipulates nanoscale spin structure in domain walls. Nature Communications, 2012, 3, 1100.	12.8	168
12	Atom-resolved electronic spectra for Alq3 from theory and experiment. Applied Physics Letters, 1998, 72, 1575-1577.	3.3	166
13	Multistep Ionization of Argon Clusters in Intense Femtosecond Extreme Ultraviolet Pulses. Physical Review Letters, 2008, 100, 133401.	7.8	150
14	Few-Photon Multiple Ionization of Ne and Ar by Strong Free-Electron-Laser Pulses. Physical Review Letters, 2007, 98, 203001.	7.8	145
15	Recoil-Ion Momentum Distributions for Two-Photon Double Ionization of He and Ne by 44ÅeV Free-Electron Laser Radiation. Physical Review Letters, 2008, 101, 073003.	7.8	132
16	Soft X-Ray Laser Spectroscopy on Trapped Highly Charged Ions at FLASH. Physical Review Letters, 2007, 98, 183001.	7.8	120
17	Time-Resolved Measurement of Interatomic Coulombic Decay in $\langle \text{Ne} \rangle^2$ . Physical Review Letters, 2013, 111, 093402.	7.8	117
18	Measurement of gigawatt radiation pulses from a vacuum and extreme ultraviolet free-electron laser. Applied Physics Letters, 2003, 83, 2970-2972.	3.3	107

#	ARTICLE	IF	CITATIONS
19	Spatial and temporal coherence properties of single free-electron laser pulses. Optics Express, 2012, 20, 17480.	3.4	106
20	A new powerful source for coherent VUV radiation: Demonstration of exponential growth and saturation at the TTF free-electron laser. European Physical Journal D, 2002, 20, 149-156.	1.3	103
21	Sequential femtosecond X-ray imaging. Nature Photonics, 2011, 5, 99-102.	31.4	90
22	Simultaneous operation of two soft x-ray free-electron lasers driven by one linear accelerator. New Journal of Physics, 2016, 18, 062002.	2.9	89
23	Transverse-Coherence Properties of the Free-Electron-Laser FLASH at DESY. Physical Review Letters, 2008, 101, 254801.	7.8	88
24	Charge recombination in soft x-ray laser produced nanoplasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 181001.	1.5	88
25	Ultrafast X-Ray Scattering of Xenon Nanoparticles: Imaging Transient States of Matter. Physical Review Letters, 2012, 108, 093401.	7.8	88
26	Two-photon double ionization of Ne by free-electron laser radiation: a kinematically complete experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 141002.	1.5	87
27	The 3D-architecture of individual free silver nanoparticles captured by X-ray scattering. Nature Communications, 2015, 6, 6187.	12.8	82
28	Coherent imaging of biological samples with femtosecond pulses at the free-electron laser FLASH. New Journal of Physics, 2010, 12, 035003.	2.9	75
29	Density of State Effects in AgL3M4,5M4,5Threshold Auger Spectra. Physical Review Letters, 1995, 74, 42-45.	7.8	71
30	Core-Hole Screening as a Probe for a Metal-to-Nonmetal Transition in Lead Clusters. Physical Review Letters, 2009, 102, 138303.	7.8	69
31	Shell explosion and core expansion of xenon clusters irradiated with intense femtosecond soft x-ray pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 134018.	1.5	65
32	Single-pulse resonant magnetic scattering using a soft x-ray free-electron laser. Physical Review B, 2010, 81, .	3.2	65
33	Investigating two-photon double ionization of $D^{2+}$ by XUV-pump-probe experiments. Physical Review A, 2010, 81, .	2.5	65
34	Few-Photon Multiple Ionization of $N^{2+}$ by Extreme Ultraviolet Free-Electron Laser Radiation. Physical Review Letters, 2009, 102, 123002.	7.8	62
35	Temporal coherence effects in multiple ionization of $N^{2+}$ by XUV pump-probe autocorrelation. Physical Review A, 2010, 82, .	2.5	62
36	Resonant two-photon absorption of extreme-ultraviolet free-electron-laser radiation in helium. Physical Review A, 2007, 75, .	2.5	61

#	ARTICLE	IF	CITATIONS
37	Differential cross sections for non-sequential double ionization of He by 52 eV photons from the Free Electron Laser in Hamburg, FLASH. <i>New Journal of Physics</i> , 2010, 12, 073035.	2.9	59
38	Sacrificial Tamper Slows Down Sample Explosion in FLASH Diffraction Experiments. <i>Physical Review Letters</i> , 2010, 104, 064801.	7.8	59
39	Band widening in graphite. <i>Physical Review B</i> , 1999, 59, 4680-4684.	3.2	58
40	Development of experimental techniques for the characterization of ultrashort photon pulses of extreme ultraviolet free-electron lasers. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2014, 17, .	1.8	55
41	Hanbury Brown-Twiss Interferometry at a Free-Electron Laser. <i>Physical Review Letters</i> , 2013, 111, 034802.	7.8	52
42	Electron Rearrangement Dynamics in Dissociating $CH_2$ Accessed by Extreme Ultraviolet Pump-Probe Experiments. <i>Physical Review Letters</i> , 2014, 113, 073001.	7.8	52
43	Rapid sample delivery for megahertz serial crystallography at X-ray FELs. <i>IUCr</i> , 2018, 5, 574-584.	2.2	52
44	Identification of twinned gas phase clusters by single-shot scattering with intense soft x-ray pulses. <i>New Journal of Physics</i> , 2012, 14, 055016.	2.9	51
45	Spectroscopic characterization of vacuum ultraviolet free electron laser pulses. <i>Optics Letters</i> , 2006, 31, 1750.	3.3	50
46	Crossed Beam Photodissociation Imaging of HeH <sup>+</sup> with Vacuum Ultraviolet Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2007, 98, 223202.	7.8	50
47	Coulomb-explosion imaging of concurrent $CH_2$ photodissociation dynamics. <i>Physical Review A</i> , 2017, 96, .	2.5	50
48	Coherent-Pulse 2D Crystallography Using a Free-Electron Laser X-Ray Source. <i>Physical Review Letters</i> , 2009, 102, 035502.	7.8	47
49	Tunable high-energy X-ray photoemission. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 88-91, 683-687.	1.7	44
50	Conductors, semiconductors, and insulators irradiated with short-wavelength free-electron laser. <i>Journal of Applied Physics</i> , 2007, 101, 043107.	2.5	43
51	Design and performance of the high-flux/high-brightness x-ray wiggler beamline BW2 at HASYLAB. <i>Review of Scientific Instruments</i> , 1995, 66, 1668-1670.	1.3	42
52	Tracing nuclear-wave-packet dynamics in singly and doubly charged states of $N_2^+$ and $O_2^+$ with XUV-pump XUV-probe experiments. <i>Physical Review A</i> , 2012, 86, .	2.5	42
53	The FLASH Facility: Advanced Options for FLASH2 and Future Perspectives. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1114.	2.5	42
54	Study of the transverse coherence at the TTF free electron laser. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 507, 175-180.	1.6	41

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55	Sublifetime-resolution AgL3-edge XANES studies of Ag-Au alloys. <i>Physical Review B</i> , 1998, 58, 6871-6876.	3.2	40
56	Photodissociation of aligned CH3I and C6H3F2I molecules probed with time-resolved Coulomb explosion imaging by site-selective extreme ultraviolet ionization. <i>Structural Dynamics</i> , 2018, 5, 014301.	2.3	40
57	Electronic structure of the energetic material 1,3,5-triamino-2,4,6-trinitrobenzene. <i>Physical Review B</i> , 2000, 62, 15666-15672.	3.2	38
58	Generation and structure of extremely large clusters in pulsed jets. <i>Journal of Chemical Physics</i> , 2014, 141, 044306.	3.0	38
59	Strong-Field Extreme-Ultraviolet Dressing of Atomic Double Excitation. <i>Physical Review Letters</i> , 2019, 123, 163201.	7.8	38
60	X-ray photoemission and photoabsorption of organic electroluminescent materials. <i>Journal of Applied Physics</i> , 1999, 86, 88-93.	2.5	37
61	Field-free molecular alignment probed by the free electron laser in Hamburg (FLASH). <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 134017.	1.5	37
62	Tracing direct and sequential two-photon double ionization of $D_2$ in femtosecond extreme-ultraviolet laser pulses. <i>Physical Review A</i> , 2010, 81, .	2.5	37
63	Breakdown of the X-Ray Resonant Magnetic Scattering Signal during Intense Pulses of Extreme Ultraviolet Free-Electron-Laser Radiation. <i>Physical Review Letters</i> , 2013, 110, 234801.	7.8	37
64	CAMP@FLASH: an end-station for imaging, electron- and ion-spectroscopy, and pump-probe experiments at the FLASH free-electron laser. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1529-1540.	2.4	37
65	X-ray holographic microscopy with zone plates applied to biological samples in the water window using 3rd harmonic radiation from the free-electron laser FLASH. <i>Optics Express</i> , 2011, 19, 11059.	3.4	36
66	First results from the online variable line spacing grating spectrometer at FLASH. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 635, S99-S103.	1.6	36
67	Flash II: Perspectives and challenges. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 635, S2-S5.	1.6	36
68	Resonant magnetic scattering with soft x-ray pulses from a free-electron laser operating at 1.59 nm. <i>Physical Review B</i> , 2009, 79, .	3.2	34
69	Ultrafast dynamics in acetylene clocked in a femtosecond XUV stopwatch. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 164027.	1.5	34
70	Jitter-correction for IR/UV-XUV pump-probe experiments at the FLASH free-electron laser. <i>New Journal of Physics</i> , 2017, 19, 043009.	2.9	34
71	Method based on atomic photoionization for spot-size measurement on focused soft x-ray free-electron laser beams. <i>Applied Physics Letters</i> , 2006, 89, 221114.	3.3	32
72	Digital In-line Holography with femtosecond VUV radiation provided by the free-electron laser FLASH. <i>Optics Express</i> , 2009, 17, 8220.	3.4	30

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73	Femtosecond pulse x-ray imaging with a large field of view. <i>New Journal of Physics</i> , 2010, 12, 095006.	2.9	30
74	Study of the statistical properties of the radiation from a VUV SASE FEL operating in the femtosecond regime. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 507, 368-372.	1.6	29
75	Generating circularly polarized radiation in the extreme ultraviolet spectral range at the free-electron laser FLASH. <i>Review of Scientific Instruments</i> , 2017, 88, 053903.	1.3	29
76	Alignment, orientation, and Coulomb explosion of difluoriodobenzene studied with the pixel imaging mass spectrometry (PlmMS) camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013933.	3.0	26
77	Nonlinear Coherence Effects in Transient-Absorption Ion Spectroscopy with Stochastic Extreme-Ultraviolet Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2019, 123, 103001.	7.8	24
78	Neutral and charged photofragment coincidence imaging with soft x rays on molecular ion beams: Breakup of $H^+$ $^{3+}$ . <i>Physical Review A</i> , 2009, 80, 131305.	2.5	23
79	Fragmentation of $O^+$ $^{2+}$ in the xuv: Fragmentation through dicationic states. <i>Physical Review A</i> , 2013, 87, 013401.	2.5	22
80	Short-pulse Laser Induced Transient Structure Formation and Ablation Studied with Time-resolved Coherent XUV-scattering. , 2010, , .		21
81	Recombination-Enhanced Surface Expansion of Clusters in Intense Soft X-Ray Laser Pulses. <i>Physical Review Letters</i> , 2016, 117, 153401.	7.8	21
82	FLASH: new opportunities for (time-resolved) coherent imaging of nanostructures. <i>New Journal of Physics</i> , 2010, 12, 035015.	2.9	18
83	Time-resolved x-ray imaging of a laser-induced nanoplasma and its neutral residuals. <i>New Journal of Physics</i> , 2016, 18, 043017.	2.9	18
84	Terahertz-Field-Induced Time Shifts in Atomic Photoemission. <i>Physical Review Letters</i> , 2019, 122, 073001.	7.8	18
85	Experimental station to study the interaction of intense femtosecond vacuum ultraviolet pulses with matter at TTF1 free electron laser. <i>Review of Scientific Instruments</i> , 2005, 76, 013909.	1.3	17
86	Reaction microscope endstation at FLASH2. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 854-867.	2.4	17
87	Development of MCP-based photon diagnostics at the TESLA Test Facility at DESY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 528, 254-257.	1.6	16
88	Photon diagnostics on the VUV FEL at DESY: First lasing around. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 30-33.	1.6	15
89	EUV-photon-induced multiple ionization and fragmentation dynamics: from atoms to molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 134012.	1.5	15
90	Experimental investigation of dissociation pathways of cooled HeH $^+$ following valence electron excitation at 32 nm by intense free-electron-laser radiation. <i>Physical Review A</i> , 2010, 82, .	2.5	15

#	ARTICLE	IF	CITATIONS
91	Ionization Pathways of $H$ Photoionization and fragmentation of $H$ Development of photon beam diagnostics for VUV radiation from a SASE FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 445, 456-462.		
92	Multiple ionization and fragmentation dynamics of molecular iodine studied in IR+XUV pump+probe experiments. Faraday Discussions, 2014, 171, 41-56.	2.5	15
93	Time-resolved study of ICD in Ne dimers using FEL radiation. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 245-256.	1.6	14
94	Imaging plasma formation in isolated nanoparticles with ultrafast resonant scattering. Structural Dynamics, 2020, 7, 034303.	3.2	14
95	Measuring the frequency chirp of extreme-ultraviolet free-electron laser pulses by transient absorption spectroscopy. Nature Communications, 2021, 12, 643.	12.8	14
96	Resonant Pd $L_{3,5}$ and $L_{3,5}$ Auger transitions. Physical Review B, 1998, 57, 6422-6426.	3.2	13
97	Single pulse coherence measurements in the water window at the free-electron laser FLASH. Optics Express, 2013, 21, 13005.	3.4	13
98	Explosion dynamics of sucrose nanospheres monitored by time of flight spectrometry and coherent diffractive imaging at the split-and-delay beam line of the FLASH soft X-ray laser. Optics Express, 2014, 22, 28914.	3.4	13
99	Electronic Screening-Enhanced Hole Pairing in Two-Leg Spin Ladders Studied by High-Resolution Resonant Inelastic X-Ray Scattering at Cu Edges. Physical Review Letters, 2014, 113, 067001.	7.8	13
100	FLASH2: Operation, beamlines, and photon diagnostics. AIP Conference Proceedings, 2016, , .	0.4	13
101	All-XUV Pump-Probe Transient Absorption Spectroscopy of the Structural Molecular Dynamics of Di-iodomethane. Physical Review X, 2021, 11, .	8.9	13
102	Diffraction Properties of Periodic Lattices under Free Electron Laser Radiation. Physical Review Letters, 2010, 104, 125503.	7.8	12
103	Threshold behaviour of $L_{3,5}$ Auger transitions in 4d metals. Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 223-228.	1.7	11
104	Photon diagnostics for the study of electron beam properties of a VUV SASE-FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 475, 481-486.	1.6	11
105	Signatures of autoionization in the angular electron distribution in two-photon double ionization of Ar. Physical Review A, 2018, 98, .	2.5	11
106	Alignment of the optical feedback system of VUV regenerative FEL amplifier at the TESLA test facility at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 412-417.	1.6	9
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109	Gas-Monitor Detector for Intense and Pulsed VUV/EUV Free-Electron Laser Radiation. AIP Conference Proceedings, 2004, , .	0.4	9
110	Ultrafast Dynamics of Magnetic Domain Structures Probed by Coherent Free-Electron Laser Light. Synchrotron Radiation News, 2013, 26, 27-32.	0.8	9
111	Atomic, Molecular and Cluster Science with the Reaction Microscope Endstation at FLASH2. Applied Sciences (Switzerland), 2020, 10, 2953.	2.5	9
112	A synchronized VUV light source based on high-order harmonic generation at FLASH. Scientific Reports, 2020, 10, 6867.	3.3	8
113	Characterization of Extreme Ultra-Violet Free-Electron Laser Pulses by Autocorrelation. Springer Proceedings in Physics, 2012, , 61-68.	0.2	8
114	Study of the transverse coherence at the TTF free electron laser. , 2003, , 175-180.		8
115	Inspection of a Spherical Triple VLS-Grating for Self-Seeding of FLASH at DESY. AIP Conference Proceedings, 2007, , .	0.4	7
116	Tracing charge transfer in argon dimers by XUV-pump IR-probe experiments at FLASH. Journal of Chemical Physics, 2019, 151, 084314.	3.0	7
117	Calculated and measured performance of an X-ray wiggler beamline at DORIS III. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 332, 314-325.	1.6	6
118	Coherent imaging at FLASH. Journal of Physics: Conference Series, 2009, 186, 012051.	0.4	6
119	Dynamics of colloidal crystals studied by pump-probe experiments at FLASH. Physical Review B, 2012, 86, .	3.2	6
120	Probing the non-equilibrium transient state in magnetite by a jitter-free two-color X-ray pump and X-ray probe experiment. Structural Dynamics, 2018, 5, 054501.	2.3	6
121	XUV double-pulses with femtosecond to 650â€¦ps separation from a multilayer-mirror-based split-and-delay unit at FLASH. Journal of Synchrotron Radiation, 2018, 25, 1517-1528.	2.4	6
122	Threshold dynamics of L2,3M4,5M4,5Auger satellites in 4d metals. Physical Review B, 1999, 60, 15507-15510.	3.2	5
123	SASE free electron lasers as short wavelength coherent sources. European Physical Journal D, 2003, 26, 119-122.	1.3	5
124	The SASE FEL at DESY: Photon Beam Diagnostics for the User Facility. AIP Conference Proceedings, 2004, , .	0.4	5
125	Ultrafast time dynamics studies of periodic lattices with free electron laser radiation. Journal of Applied Physics, 2012, 112, .	2.5	5
126	Experience with Multi-Beam and Multi-Beamline FEL-Operation. Journal of Physics: Conference Series, 2017, 874, 012023.	0.4	5



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127	Photoelectron spectroscopy of laser-dressed atomic helium. <i>Physical Review A</i> , 2020, 102, .	2.5	5
128	XUV-Initiated Dissociation Dynamics of Molecular Oxygen ( $O_2$ ). <i>Journal of Physical Chemistry A</i> , 2021, 125, 10138-10143.	2.5	5
129	Spectrometer Based on a VLS Grating for Diagnostics of a Vacuum-Ultraviolet Free Electron Laser. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	4
130	XUV pump-probe transient absorption spectroscopy at FELs. <i>Faraday Discussions</i> , 2021, 228, 519-536.	3.2	4
131	Short-pulse Laser Induced Transient Structure Formation and Ablation Studied with Time-resolved Coherent XUV-scattering. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1230, 1.	0.1	3
132	Desorption of ionic species from ice/graphite by femtosecond XUV free-electron laser pulses. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 084013.	1.8	3
133	Synchronized beamline at FLASH2 based on high-order harmonic generation for two-color dynamics studies. <i>Review of Scientific Instruments</i> , 2021, 92, 123004.	1.3	3
134	Resonance behaviour of the Pd L3-M4,5M4,5 and L3-N4,5N4,5 Auger transitions. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 93, 227-231.	1.7	2
135	Combining CXMD and XSW to study magnetic and geometric properties of thin films: Gd/Fe(100). <i>Journal of Synchrotron Radiation</i> , 1999, 6, 105-111.	2.4	2
136	Photoemission study of the radiationless X-ray resonant Raman effect. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 33-34.	2.7	1
137	Automatic alignment of the HASYLAB BW2 beamline. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 797-800.	1.6	1
138	Ultrafast coherent X-ray diffractive imaging with the FLASH Free-Electron Laser. <i>Springer Series in Chemical Physics</i> , 2009, , 143-145.	0.2	1
139	Charge recombination in soft x-ray laser produced nanoplasmas. <i>Journal of Physics: Conference Series</i> , 2009, 194, 032066.	0.4	1
140	THz Streaking of the Autoionization Dynamics of $O_2$ at the Free-Electron-Laser FLASH. <i>Journal of Physics: Conference Series</i> , 2017, 875, 032031.	0.4	1
141	Laser spectroscopy on trapped highly-charged ions using soft x-rays from FLASH. <i>Journal of Physics: Conference Series</i> , 2007, 88, 012059.	0.4	0
142	Sequential and direct two-photon double ionization of D2 at FLASH. <i>Journal of Physics: Conference Series</i> , 2009, 194, 032057.	0.4	0
143	Time-resolved few-photon induced molecular fragmentation at FLASH. <i>Journal of Physics: Conference Series</i> , 2009, 194, 032065.	0.4	0
144	Soft x-ray photolysis of the hydronium ion. <i>Journal of Physics: Conference Series</i> , 2009, 194, 022074.	0.4	0

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145	Sequential versus nonsequential two-photon double ionization of the D <sub>2</sub> molecule at 38 eV. Journal of Physics: Conference Series, 2009, 194, 022069.	0.4	0
146	Two-photon double ionization of He and Ne with intense VUV free-electron-laser pulses. Journal of Physics: Conference Series, 2009, 194, 032008.	0.4	0
147	High Repetition Rate mJ-level Few-Cycle Pulse Laser Amplifier for XUV-FEL seeding. , 2011, , .		0
148	Investigating temporal structure of FEL pulses by XUV pump-probe autocorrelation measurements. Journal of Physics: Conference Series, 2012, 388, 032011.	0.4	0
149	Time-resolved XUV-induced isomerization and H <sub>3</sub> formation in C <sub>2</sub> H <sub>4</sub> cation. Journal of Physics: Conference Series, 2012, 388, 032014.	0.4	0
150	Clocking molecular fragmentation of N <sub>2</sub> with XUV pump-probe experiments. Journal of Physics: Conference Series, 2014, 488, 032018.	0.4	0
151	Study of the statistical properties of the radiation from a VUV SASE FEL operating in the femtosecond regime. , 2003, , 368-372.		0
152	Development of MCP-based photon diagnostics at the TESLA Test Facility at DESY. , 2004, , 254-257.		0
153	Investigating two-photon double ionization of D <sub>2</sub> by XUV-pump / XUV-probe experiments at FLASH. , 2010, , .		0
154	High Resolution Ag L <sub>3</sub> -XANES Studies of AuAg Alloys Using the Electron Yield of a Narrow Auger Channel. European Physical Journal Special Topics, 1997, 7, C2-353-C2-356.	0.2	0