

Jerome Kasparian

List of Publications by Year in descending order

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176
papers

8,374
citations

53789

45
h-index

46795

89
g-index

182
all docs

182
docs citations

182
times ranked

3188
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrashort filaments of light in weakly ionized, optically transparent media. Reports on Progress in Physics, 2007, 70, 1633-1713.	20.1	939
2	White-Light Filaments for Atmospheric Analysis. Science, 2003, 301, 61-64.	12.6	843
3	The critical laser intensity of self-guided light filaments in air. Applied Physics B: Lasers and Optics, 2000, 71, 877-879.	2.2	394
4	Physics and applications of atmospheric nonlinear optics and filamentation. Optics Express, 2008, 16, 466.	3.4	313
5	Kilometer-range nonlinear propagation of femtosecond laser pulses. Physical Review E, 2004, 69, 036607.	2.1	260
6	Triggering and guiding megavolt discharges by use of laser-induced ionized filaments. Optics Letters, 2002, 27, 772.	3.3	255
7	Long-distance remote laser-induced breakdown spectroscopy using filamentation in air. Applied Physics Letters, 2004, 85, 3977-3979.	3.3	244
8	Higher-Order Kerr Terms Allow Ionization-Free Filamentation in Gases. Physical Review Letters, 2010, 104, 103903.	7.8	235
9	Infrared extension of the supercontinuum generated by femtosecond terawatt laser pulses propagating in the atmosphere. Optics Letters, 2000, 25, 1397.	3.3	222
10	Laser-induced water condensation in air. Nature Photonics, 2010, 4, 451-456.	31.4	179
11	Multiple Filamentation of Terawatt Laser Pulses in Air. Physical Review Letters, 2004, 92, 225002.	7.8	178
12	Teramobile: A mobile femtosecond-terawatt laser and detection system. EPJ Applied Physics, 2002, 20, 183-190.	0.7	170
13	Electric events synchronized with laser filaments in thunderclouds. Optics Express, 2008, 16, 5757.	3.4	152
14	Ultraintense light filaments transmitted through clouds. Applied Physics Letters, 2003, 83, 213-215.	3.3	139
15	Remote LIBS with ultrashort pulses: characteristics in picosecond and femtosecond regimes. Journal of Analytical Atomic Spectrometry, 2004, 19, 437-444.	3.0	127
16	Compression of 1.8- μm laser pulses to sub two optical cycles with bulk material. Applied Physics Letters, 2010, 96, .	3.3	126
17	Microtubule Structure at Improved Resolution. Biochemistry, 2001, 40, 8000-8008.	2.5	119
18	Filamentation of femtosecond light pulses in the air: Turbulent cells versus long-range clusters. Physical Review E, 2004, 70, 046602.	2.1	102

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19	Filament-induced remote surface ablation for long range laser-induced breakdown spectroscopy operation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 1025-1033.	2.9	102
20	Remote detection and identification of biological aerosols using a femtosecond terawatt lidar system. <i>Applied Physics B: Lasers and Optics</i> , 2004, 78, 535-537.	2.2	95
21	Transition from Plasma-Driven to Kerr-Driven Laser Filamentation. <i>Physical Review Letters</i> , 2011, 106, 243902.	7.8	95
22	Sonographic probing of laser filaments in air. <i>Applied Optics</i> , 2003, 42, 7117.	2.1	89
23	Towards a supercontinuum-based infrared lidar. <i>Applied Physics B: Lasers and Optics</i> , 2003, 77, 357-359.	2.2	86
24	Multifilamentation transmission through fog. <i>Physical Review E</i> , 2005, 72, 026611.	2.1	85
25	Supercontinuum emission and enhanced self-guiding of infrared femtosecond filaments sustained by third-harmonic generation in air. <i>Physical Review E</i> , 2005, 71, 016602.	2.1	80
26	Propagation of fs TW laser filaments in adverse atmospheric conditions. <i>Applied Physics B: Lasers and Optics</i> , 2005, 80, 785-789.	2.2	78
27	Backward supercontinuum emission from a filament generated by ultrashort laser pulses in air. <i>Optics Letters</i> , 2001, 26, 533.	3.3	71
28	Laser filaments generated and transmitted in highly turbulent air. <i>Optics Letters</i> , 2006, 31, 86.	3.3	69
29	Optical rogue wave statistics in laser filamentation. <i>Optics Express</i> , 2009, 17, 12070.	3.4	69
30	Field measurements suggest the mechanism of laser-assisted water condensation. <i>Nature Communications</i> , 2011, 2, 456.	12.8	67
31	White light generation over three octaves by femtosecond filament at 39 μm in argon. <i>Optics Letters</i> , 2012, 37, 3456.	3.3	67
32	Mobile source of high-energy single-cycle terahertz pulses. <i>Applied Physics B: Lasers and Optics</i> , 2010, 101, 11-14.	2.2	66
33	Triggering and guiding of megavolt discharges by laser-induced filaments under rain conditions. <i>Applied Physics Letters</i> , 2004, 85, 5781-5783.	3.3	64
34	Propagation of laser filaments through an extended turbulent region. <i>Applied Physics Letters</i> , 2007, 91, 171106.	3.3	62
35	Generalized Miller Formula. <i>Optics Express</i> , 2010, 18, 6613.	3.4	62
36	Free space laser telecommunication through fog. <i>Optica</i> , 2018, 5, 1338.	9.3	62

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37	Improved laser triggering and guiding of meqavolt discharges with dual fs-ns pulses. Applied Physics Letters, 2006, 88, 021101.	3.3	57
38	Production of ozone and nitrogen oxides by laser filamentation. Applied Physics Letters, 2010, 97, .	3.3	55
39	Influence of negative leader propagation on the triggering and guiding of high voltage discharges by laser filaments. Applied Physics B: Lasers and Optics, 2006, 82, 561-566.	2.2	53
40	Mid-infrared laser filamentation in molecular gases. Optics Letters, 2013, 38, 3194.	3.3	53
41	Nonlinear fast growth of water waves under wind forcing. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1025-1030.	2.1	51
42	Optimal control of filamentation in air. Applied Physics Letters, 2006, 89, 171117.	3.3	50
43	Angular Dependences of Third Harmonic Generation from Microdroplets. Physical Review Letters, 1997, 78, 2952-2955.	7.8	49
44	Characterization of urban aerosols using SEM-microscopy, X-ray analysis and Lidar measurements. Atmospheric Environment, 1998, 32, 2957-2967.	4.1	48
45	High-Field Quantum Calculation Reveals Time-Dependent Negative Kerr Contribution. Physical Review Letters, 2013, 110, 043902.	7.8	46
46	Ultrafast gaseous "half-wave plate". Optics Express, 2008, 16, 7564.	3.4	44
47	Digital computation and in situ STM approach of silicon anisotropic etching. Surface Science, 1997, 388, 50-62.	1.9	42
48	Mechanism of hollow-core-fiber infrared-supercontinuum compression with bulk material. Physical Review A, 2010, 81, .	2.5	41
49	Saturation of the filament density of ultrashort intense laser pulses in air. Applied Physics B: Lasers and Optics, 2010, 100, 77-84.	2.2	40
50	On negative higher-order Kerr effect and filamentation. Laser Physics, 2011, 21, 1319-1328.	1.2	40
51	White-light filaments for multiparameter analysis of cloud microphysics. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 369.	2.1	37
52	OECD's "Better Life Index"™: can any country be well ranked?. Journal of Applied Statistics, 2012, 39, 2223-2230.	1.3	35
53	32TW atmospheric white-light laser. Applied Physics Letters, 2007, 90, 151106.	3.3	34
54	Amplification of intense light fields by nearly free electrons. Nature Physics, 2018, 14, 695-700.	16.7	33

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55	Nonlinear wave evolution with data-driven breaking. <i>Nature Communications</i> , 2022, 13, 2343.	12.8	31
56	UVâ€Supercontinuum generated by femtosecond pulse filamentation in air: Meter-range experiments versus numerical simulations. <i>Applied Physics B: Lasers and Optics</i> , 2006, 82, 341-345.	2.2	29
57	Ultraviolet-visible conical emission by multiple laser filaments. <i>Optics Express</i> , 2009, 17, 4726.	3.4	29
58	Spectral dependence of purely-Kerr-driven filamentation in air and argon. <i>Physical Review A</i> , 2010, 82, .	2.5	28
59	Laser-induced plasma cloud interaction and ice multiplication under cirrus cloud conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10106-10110.	7.1	28
60	Modulational instability in wind-forced waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 3626-3630.	2.1	28
61	High repetition rate ultrashort laser cuts a path through fog. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	28
62	Contribution of water droplets to charge release by laser filaments in air. <i>Applied Physics Letters</i> , 2009, 95, 091107.	3.3	27
63	Co-existing climate attractors in a coupled aquaplanet. <i>Climate Dynamics</i> , 2019, 53, 6293-6308.	3.8	27
64	From higher-order Kerr nonlinearities to quantitative modeling of third and fifth harmonic generation in argon. <i>Optics Letters</i> , 2011, 36, 828.	3.3	26
65	Spectral up- and downshifting of Akhmediev breathers under wind forcing. <i>Physics of Fluids</i> , 2017, 29, .	4.0	26
66	The laser lightning rod project. <i>EPJ Applied Physics</i> , 2021, 93, 10504.	0.7	26
67	Laser filament-induced aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4593-4604.	4.9	25
68	The role of internal feedbacks in shifting deep lake mixing regimes under a warming climate. <i>Freshwater Biology</i> , 2021, 66, 1021-1035.	2.4	24
69	A new transient SRS analysis method of aerosols and application to a nonlinear femtosecond lidar. <i>Optics Communications</i> , 1998, 152, 355-360.	2.1	23
70	Laser Beams Take a Curve. <i>Science</i> , 2009, 324, 194-195.	12.6	23
71	White-light femtosecond Lidar at 100ÂTW power level. <i>Applied Physics B: Lasers and Optics</i> , 2014, 114, 319-325.	2.2	23
72	Modifications to the lidar equation due to nonlinear propagation in air. <i>Applied Physics B: Lasers and Optics</i> , 2001, 73, 157-163.	2.2	21

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73	Performance of one-dimensional hydrodynamic lake models during short-term extreme weather events. <i>Environmental Modelling and Software</i> , 2020, 133, 104852.	4.5	21
74	Arbitrary-order nonlinear contribution to self-steepening. <i>Optics Letters</i> , 2010, 35, 2795.	3.3	20
75	Ray-tracing simulation of ionization-free filamentation. <i>Applied Physics B: Lasers and Optics</i> , 2004, 79, 947-951.	2.2	19
76	Dual-color co-filamentation in Argon. <i>Optics Express</i> , 2008, 16, 14115.	3.4	19
77	Multijoule scaling of laser-induced condensation in air. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	19
78	Remote electrical arc suppression by laser filamentation. <i>Optics Express</i> , 2015, 23, 28640.	3.4	19
79	Spectral correlation and noise reduction in laser filaments. <i>Applied Physics B: Lasers and Optics</i> , 2007, 87, 1-4.	2.2	18
80	Modelling of HNO ₃ -mediated laser-induced condensation: A parametric study. <i>Journal of Chemical Physics</i> , 2011, 135, 134703.	3.0	18
81	Influence of pulse duration, energy, and focusing on laser-assisted water condensation. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	18
82	Laser-assisted water condensation in the atmosphere: a step towards modulating precipitation?. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 293001.	2.8	18
83	Non-homogeneous analysis of rogue wave probability evolution over a shoal. <i>Journal of Fluid Mechanics</i> , 2022, 939, .	3.4	18
84	Non-linear photochemical pathways in laser-induced atmospheric aerosol formation. <i>Scientific Reports</i> , 2015, 5, 14978.	3.3	17
85	1-J white-light continuum from 100-TW laser pulses. <i>Physical Review A</i> , 2011, 83, .	2.5	16
86	Higher-order Kerr improve quantitative modeling of laser filamentation. <i>Optics Letters</i> , 2012, 37, 4347.	3.3	16
87	Laser-induced condensation by ultrashort laser pulses at 248nm. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	16
88	Laser Filamentation as a New Phase Transition Universality Class. <i>Physical Review Letters</i> , 2015, 114, 063903.	7.8	16
89	Nonlinear stage of Benjamin-Feir instability in forced/damped deep-water waves. <i>Physics of Fluids</i> , 2018, 30, .	4.0	16
90	White-light symmetrization by the interaction of multifilamenting beams. <i>Physical Review A</i> , 2009, 79, .	2.5	15

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91	Conical emission from laser filaments and higher-order Kerr effect in air. <i>Optics Letters</i> , 2011, 36, 4812.	3.3	15
92	Progress towards lightning control using lasers. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 3, .	1.9	14
93	Laser-Based Weather Control. <i>Optics and Photonics News</i> , 2010, 21, 22.	0.5	14
94	Laser vaporization of cirrus-like ice particles with secondary ice multiplication. <i>Science Advances</i> , 2016, 2, e1501912.	10.3	14
95	Conductivity and discharge guiding properties of mid-IR laser filaments. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	14
96	Recurrence in the high-order nonlinear Schrödinger equation: A low-dimensional analysis. <i>Physical Review E</i> , 2017, 96, 012222.	2.1	14
97	Three-dimensional analysis of urban aerosols by use of a combined lidar, scanning electron microscopy, and x-ray microanalysis. <i>Applied Optics</i> , 1998, 37, 2231.	2.1	12
98	Size dependence of nonlinear Mie scattering in microdroplets illuminated by ultrashort pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 1918.	2.1	12
99	Assessing the Dynamics of Organic Aerosols over the North Atlantic Ocean. <i>Scientific Reports</i> , 2017, 7, 45476.	3.3	11
100	Stabilization of Unsteady Nonlinear Waves by Phase-Space Manipulation. <i>Physical Review Letters</i> , 2021, 126, 174501.	7.8	11
101	Laser noise reduction in air. <i>Applied Physics Letters</i> , 2006, 88, 251112.	3.3	10
102	Multiple filamentation of non-uniformly focused ultrashort laser pulses. <i>Applied Physics B: Lasers and Optics</i> , 2009, 94, 243-247.	2.2	10
103	Optimal laser-pulse energy partitioning for air ionization. <i>Physical Review A</i> , 2016, 94, .	2.5	10
104	HV discharge acceleration by sequences of UV laser filaments with visible and near-infrared pulses. <i>New Journal of Physics</i> , 2017, 19, 123040.	2.9	10
105	Cooperative effect of ultraviolet and near-infrared beams in laser-induced condensation. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	9
106	Nonlinear synthesis of complex laser waveforms at remote distances. <i>Physical Review A</i> , 2015, 91, .	2.5	9
107	Cross compression of light bullets by two-color cofilamentation. <i>Physical Review A</i> , 2008, 78, .	2.5	8
108	Contribution of crude oil price to households'™ budget: The weight of indirect energy use. <i>Energy Policy</i> , 2009, 37, 111-114.	8.8	8

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109	Spin-Glass Model Governs Laser Multiple Filamentation. <i>Physical Review Letters</i> , 2015, 115, 033902.	7.8	8
110	Triggering filamentation using turbulence. <i>Physical Review A</i> , 2016, 94, .	2.5	8
111	Robustness of Competing Climatic States. <i>Journal of Climate</i> , 2022, 35, 2769-2784.	3.2	8
112	Drivers of phytoplankton responses to summer wind events in a stratified lake: A modeling study. <i>Limnology and Oceanography</i> , 2022, 67, 856-873.	3.1	8
113	Ultrashort filaments of light in weakly ionized, optically transparent media. <i>Reports on Progress in Physics</i> , 2008, 71, 109801.	20.1	7
114	Effects of atmospheric turbulence on remote optimal control experiments. <i>Applied Physics Letters</i> , 2008, 92, 041103.	3.3	7
115	Curved plasma channels: Kerr lens and Airy prism. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 4, .	1.9	7
116	Ultrafast laser spectroscopy and control of atmospheric aerosols. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9291.	2.8	7
117	Dual-scale turbulence in filamenting laser beams at high average power. <i>Physical Review A</i> , 2016, 94, .	2.5	7
118	Single-spectrum prediction of kurtosis of water waves in a nonconservative model. <i>Physical Review E</i> , 2019, 100, 013102.	2.1	7
119	Shifting velocity of temperature extremes under climate change. <i>Environmental Research Letters</i> , 2020, 15, 034027.	5.2	7
120	Reversibility of laser filamentation. <i>Optics Express</i> , 2014, 22, 21061.	3.4	6
121	Gas-Solid Phase Transition in Laser Multiple Filamentation. <i>Physical Review Letters</i> , 2017, 118, 133902.	7.8	6
122	Stabilization of uni-directional water wave trains over an uneven bottom. <i>Nonlinear Dynamics</i> , 2020, 101, 1131-1145.	5.2	6
123	Separatrix crossing and symmetry breaking in NLSE-like systems due to forcing and damping. <i>Nonlinear Dynamics</i> , 2020, 102, 2385-2398.	5.2	6
124	Monte-Carlo Simulations of Si Etching: Comparison with in-situ STM images. <i>Microscopy Microanalysis Microstructures</i> , 1994, 5, 257-267.	0.4	6
125	Viscous damping of gravity-capillary waves: Dispersion relations and nonlinear corrections. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	6
126	HV discharges triggered by dual- and triple-frequency laser filaments. <i>Optics Express</i> , 2019, 27, 11339.	3.4	6

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127	Spatial Break-up of Femtosecond Laser Pulses in the Atmosphere. <i>Physica Scripta</i> , 2004, T107, 135.	2.5	5
128	Angular distribution of non-linear optical emission from spheroidal microparticles. <i>Applied Physics B: Lasers and Optics</i> , 2008, 91, 167-171.	2.2	5
129	Lightning control by lasers. <i>Nature Photonics</i> , 2009, 3, 120-121.	31.4	5
130	Filament-induced birefringence in Argon. <i>Laser Physics</i> , 2009, 19, 336-341.	1.2	5
131	Laser induced aerosol formation mediated by resonant excitation of volatile organic compounds. <i>Optica</i> , 2021, 8, 1256.	9.3	5
132	Multi-column modelling of lake Geneva for climate applications. <i>Scientific Reports</i> , 2022, 12, 353.	3.3	5
133	Maximizing energy deposition by shaping few-cycle laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 135402.	1.5	4
134	Filaments of Light. <i>American Scientist</i> , 2006, 94, 150.	0.1	3
135	On Lightning Control Using Lasers. <i>Springer Series in Chemical Physics</i> , 2010, , 109-122.	0.2	3
136	Time-resolved monitoring of polycyclic aromatic hydrocarbons adsorbed on atmospheric particles. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19517-19523.	5.3	3
137	Energy conservation in self-phase modulation. <i>Physical Review A</i> , 2018, 97, .	2.5	3
138	<i>Ab initio</i> calculations of laser-atom interactions revealing harmonics feedback during macroscopic propagation. <i>Physical Review A</i> , 2019, 99, .	2.5	3
139	Megavolt discharges triggered and guided with laser filaments. , 2003, , .		2
140	Femtosecond LIDAR: new perspectives of atmospheric remote sensing. , 2003, 5149, 135.		2
141	Ultrashort laser applications in lidar and atmospheric sciences. , 2003, 5226, 238.		2
142	<i>Non-linear effects accompanying terawatt laser-pulse in air and their applications</i> . , 2006, 6158, 133.		2
143	Laser-induced water condensation in air. , 2011, , .		2
144	Laser pulse propagation in a meter scale rubidium vapor/plasma cell in AWAKE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 829, 339-342.	1.6	2

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145	Publisher's Note: Spectral dependence of purely-Kerr-driven filamentation in air and argon [Phys. Rev. A, 2013, 87, 033826 (2010)]. Physical Review A, 2010, 82, .	2.5	1
146	Mid-Infrared femtosecond filament and three octaves continuum generation in gases. EPJ Web of Conferences, 2013, 41, 10003.	0.3	1
147	Pump-probe differential Lidar to quantify atmospheric supersaturation and particle-forming trace gases. Applied Physics B: Lasers and Optics, 2014, 117, 667-672.	2.2	1
148	Shockwave-assisted laser filament conductivity. Applied Physics Letters, 2017, 111, 211103.	3.3	1
149	Linearity of charge measurement in laser filaments. Optics Express, 2017, 25, 16517.	3.4	1
150	Modifications of filament spectra by shaped octave-spanning laser pulses. Physical Review A, 2018, 98, .	2.5	1
151	Quantitative analysis of self-organized patterns in ombrotrophic peatlands. Scientific Reports, 2019, 9, 1499.	3.3	1
152	Some Properties of Femtosecond Laser Filamentation Relevant to Atmospheric Applications Part II. Large-Scale Filamentation. Springer Series in Chemical Physics, 2007, , 301-318.	0.2	1
153	Creating and Dissipating Clouds in the Atmosphere with Ultrashort Lasers. , 2017, , .		1
154	Monitoring of urban aerosols using a combined lidar/SEM method. , 1997, 3104, 278.		0
155	Characterization and optimization of infrared emission from light filaments observed in a fs-TW laser beam propagating in the atmosphere. , 0, , .		0
156	Vertical propagation of ultrashort laser pulses in the atmosphere and lidar measurements using the Teramobile. , 0, , .		0
157	Sonography: a new method to measure laser filaments in air. , 2003, , .		0
158	Propagation of TW laser pulses in air and applications to lightning control. , 0, , .		0
159	Propagation of femtosecond filaments in atmospheric conditions. , 2007, , .		0
160	TW lasers in air: ultra-high powers and optimal control strategies. Proceedings of SPIE, 2007, , .	0.8	0
161	Higher-order Kerr effect in ultrashort laser pulse propagation and laser filamentation. , 2011, , .		0
162	Supercontinuum Generation by Mid-IR femtosecond Filaments in Molecular Gases. , 2013, , .		0

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163	Laser Filament Induced Water Condensation. EPJ Web of Conferences, 2013, 41, 12008.	0.3	0
164	Higher-order Kerr effects improve quantitative modelling of harmonics generation and laser filamentation. EPJ Web of Conferences, 2013, 41, 12007.	0.3	0
165	Laser Filament-induced Ice Multiplication under Cirrus Cloud Conditions. , 2014, , .		0
166	Laser lightning rod and artificial fog dissipation. , 2021, , .		0
167	RÃ©tro-Ã©mission du continuum gÃ©nÃ©ral dans un filament induit par des impulsions ultra-intenses. European Physical Journal Special Topics, 2002, 12, 383-384.	0.2	0
168	UV-supercontinuum generation and femtosecond filamentation in air. , 2005, , .		0
169	Laser femtoseconde, filamentation, nuage et orage. European Physical Journal Special Topics, 2005, 127, 205-210.	0.2	0
170	Some Properties of Femtosecond Laser Filamentation Relevant to Atmospheric Applications Part I. The Robustness of Filamentation. Springer Series in Chemical Physics, 2007, , 281-300.	0.2	0
171	Femtosecond Lidar and Coherent Control. , 2007, , .		0
172	Filament-induced electric events in thunderstorms. Springer Series in Chemical Physics, 2009, , 967-969.	0.2	0
173	Optical Kerr effect in the strong field regime. , 2013, , .		0
174	Conductivity and Discharge Guiding Properties of Mid-IR Laser Filaments. , 2016, , .		0
175	Multi-Wavelength Laser Control of High-Voltage Discharges: From the Laboratory to SÃntis Mountain. , 2019, , .		0
176	Smooth velocity fields for tracking climate change. Scientific Reports, 2022, 12, 2997.	3.3	0