

# HÃ©lÃ¨ne Coudert-Alteirac

## List of Publications by Year in descending order

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19  
papers

326  
citations

1040056

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h-index

1474206

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g-index

19  
all docs

19  
docs citations

19  
times ranked

486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissociation dynamics of the diamondoid adamantane upon photoionization by XUV femtosecond pulses. Scientific Reports, 2020, 10, 2884.	3.3	13
2	Spatiotemporal coupling of attosecond pulses. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4779-4787.	7.1	58
3	Spatiotemporal Coupling of Attosecond Pulses. , 2019, , .		0
4	Single-shot extreme-ultraviolet wavefront measurements of high-order harmonics. Optics Express, 2019, 27, 2656.	3.4	19
5	A Versatile Velocity Map Ion-Electron Covariance Imaging Spectrometer for High-Intensity XUV Experiments. Applied Sciences (Switzerland), 2018, 8, 998.	2.5	11
6	Micro-Focusing of Broadband High-Order Harmonic Radiation by a Double Toroidal Mirror. Applied Sciences (Switzerland), 2017, 7, 1159.	2.5	21
7	Design and test of a broadband split-and-delay unit for attosecond XUV-XUV pump-probe experiments. Review of Scientific Instruments, 2016, 87, 023106.	1.3	15
8	Scale-invariant nonlinear optics in gases. Optica, 2016, 3, 75.	9.3	107
9	Two-photon double ionization of neon using an intense attosecond pulse train. Physical Review A, 2016, 93, .	2.5	51
10	High-average power high-harmonic and attosecond sources: Status and prospects. , 2016, , .		0
11	Two-Photon Double Ionization of Neon Studied with Intense Attosecond Pulse Trains. , 2016, , .		0
12	Macroscopic Optimization of High Harmonic Generation for High Power Laser Pulses. , 2016, , .		0
13	Power-scaling attosecond sources using universal scaling principles for nonlinear optical processes in gases. , 2016, , .		0
14	Scaling Nonlinear Optics in Gases. , 2016, , .		0
15	Scale-Invariant Nonlinear Optical Effects in Gases. , 2016, , .		0
16	Towards XUV-pump XUV-probe experiments with attosecond pulses at the Lund Laser Centre. Journal of Physics: Conference Series, 2015, 635, 112079.	0.4	0
17	Simultaneous remote monitoring of atmospheric methane and water vapor using an integrated path DIAL instrument based on a widely tunable optical parametric source. Applied Physics B: Lasers and Optics, 2014, 117, 509-518.	2.2	27
18	Nested Cavity Optical Parametric Oscillator (NesCOPO) A unique approach for gas sensing. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	3.3 - 3.7 $\mu$ m OPO/OPA optical source for multi-species 200m range Integrated Path Differential Absorption Lidar., 2013, , .		4