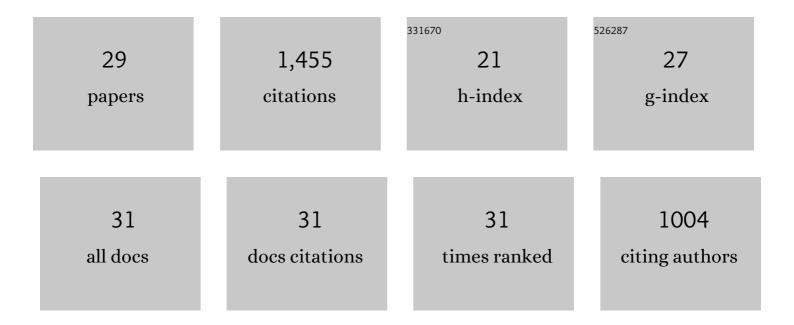
Alvaro Jimenez Galan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8194357/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	All-optical attoclock for imaging tunnelling wavepackets. Nature Physics, 2022, 18, 417-422.	16.7	12
2	Observation of light-driven band structure via multiband high-harmonic spectroscopy. Nature Photonics, 2022, 16, 428-432.	31.4	30
3	Sub-cycle valleytronics: control of valley polarization using few-cycle linearly polarized pulses. Optica, 2021, 8, 277.	9.3	28
4	Topological protection versus degree of entanglement of two-photon light in photonic topological insulators. Nature Communications, 2021, 12, 1974.	12.8	19
5	Light-induced valleytronics in pristine graphene. Optica, 2021, 8, 422.	9.3	71
6	Tracking ultrafast solid-state dynamics using high harmonic spectroscopy. Physical Review Research, 2021, 3, .	3.6	44
7	Lightwave Control of Topological Properties in 2D Materials for Sub-Cycle and Non-Resonant Valley Manipulation. , 2021, , .		0
8	Lightwave control of topological properties in 2D materials for sub-cycle and non-resonant valley manipulation. Nature Photonics, 2020, 14, 728-732.	31.4	61
9	Attosecond spectral singularities in solid-state high-harmonic generation. Nature Photonics, 2020, 14, 183-187.	31.4	94
10	Topological strong-field physics on sub-laser-cycle timescale. Nature Photonics, 2019, 13, 849-854.	31.4	132
11	Anisotropic photoemission time delays close to a Fano resonance. Nature Communications, 2018, 9, 955.	12.8	116
12	Time–frequency representation of autoionization dynamics in helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 044002.	1.5	41
13	Attosecond recorder of the polarization state of light. Nature Communications, 2018, 9, 850.	12.8	11
14	Control of attosecond light polarization in two-color bicircular fields. Physical Review A, 2018, 97, .	2.5	42
15	Control of the helicity of high-order harmonic radiation using bichromatic circularly polarized laser fields. Physical Review A, 2018, 98, .	2.5	22
16	Control of photoemission delay in resonant two-photon transitions. Physical Review A, 2017, 95, .	2.5	27
17	Strong-field approximation in a rotating frame: High-order harmonic emission from p states in bicircular fields. Physical Review A, 2017, 96, .	2.5	24
18	Attosecond control of spin polarization in electron–ion recollision driven by intense tailored fields. New Journal of Physics, 2017, 19, 073007.	2.9	34

Alvaro Jimenez Galan

#	Article	IF	CITATIONS
19	Time-resolved high harmonic spectroscopy of dynamical symmetry breaking in bi-circular laser fields: the role of Rydberg states. Optics Express, 2017, 25, 22880.	3.4	31
20	Electronic and non-adiabatic dynamics: general discussion. Faraday Discussions, 2016, 194, 209-257.	3.2	3
21	Angular dependence of photoemission time delay in helium. Physical Review A, 2016, 94, .	2.5	119
22	Two-photon finite-pulse model for resonant transitions in attosecond experiments. Physical Review A, 2016, 93, .	2.5	51
23	Spectral phase measurement of a Fano resonance using tunable attosecond pulses. Nature Communications, 2016, 7, 10566.	12.8	119
24	Attosecond dynamics through a Fano resonance: Monitoring the birth of a photoelectron. Science, 2016, 354, 734-738.	12.6	213
25	Dressing effects in the attosecond transient absorption spectra of doubly excited states in helium. Physical Review A, 2015, 91, .	2.5	30
26	Modulation of Attosecond Beating in Resonant Two-Photon Ionization. Journal of Physics: Conference Series, 2015, 635, 092011.	0.4	0
27	Modulation of Attosecond Beating by Resonant Two-Photon Transition. Journal of Physics: Conference Series, 2015, 635, 012005.	0.4	1
28	Modulation of Attosecond Beating in Resonant Two-Photon Ionization. Physical Review Letters, 2014, 113, 263001.	7.8	58
29	The soft-photon approximation in infrared-laser-assisted atomic ionization by extreme-ultraviolet attosecond-pulse trains. New Journal of Physics, 2013, 15, 113009.	2.9	21