

# Giuseppe Sansone

## List of Publications by Year in descending order

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33  
papers

3,188  
citations

331670

21  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attosecond photoionisation time delays reveal the anisotropy of the molecular potential in the recoil frame. <i>Nature Communications</i> , 2022, 13, 1242.	12.8	28
2	Investigation of Quantum Path Interferences in High Harmonic Generation Driven by Chirped Laser Pulses. , 2022, , .		0
3	Time-resolved photoelectron imaging of complex resonances in molecular nitrogen. <i>Journal of Chemical Physics</i> , 2021, 154, 144305.	3.0	8
4	Detailed study of quantum path interferences in high harmonic generation driven by chirped laser pulses. <i>New Journal of Physics</i> , 2021, 23, 123012.	2.9	9
5	Non-linear processes in the extreme ultraviolet. <i>JPhys Photonics</i> , 2020, 2, 042003.	4.6	24
6	Looking into strong-field dynamics. <i>Nature Photonics</i> , 2020, 14, 131-133.	31.4	6
7	Attosecond pulse shaping using a seeded free-electron laser. <i>Nature</i> , 2020, 578, 386-391.	27.8	116
8	Collinear setup for delay control in two-color attosecond measurements. <i>JPhys Photonics</i> , 2020, 2, 024006.	4.6	9
9	New Method for Measuring Angle-Resolved Phases in Photoemission. <i>Physical Review X</i> , 2020, 10, .	8.9	23
10	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 171001.	1.5	52
11	Saddle point approaches in strong field physics and generation of attosecond pulses. <i>Physics Reports</i> , 2019, 833, 1-52.	25.6	40
12	Complete Characterization of Phase and Amplitude of Bichromatic Extreme Ultraviolet Light. <i>Physical Review Letters</i> , 2019, 123, 213904.	7.8	21
13	Attosecond electronic recollision as field detector. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 104004.	1.5	1
14	Coherent control schemes for the photoionization of neon and helium in the Extreme Ultraviolet spectral region. <i>Scientific Reports</i> , 2018, 8, 7774.	3.3	25
15	The ELI-ALPS facility: the next generation of attosecond sources. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 132002.	1.5	128
16	Vectorial optical field reconstruction by attosecond spatial interferometry. <i>Nature Photonics</i> , 2017, 11, 383-389.	31.4	34
17	The A-center defect in diamond: quantum mechanical characterization through the infrared spectrum. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14478-14485.	2.8	16
18	Attosecond Streaking in the Water Window: A New Regime of Attosecond Pulse Characterization. <i>Physical Review X</i> , 2017, 7, .	8.9	50

#	ARTICLE	IF	CITATIONS
19	<i>Ab initio</i> electronic transport and thermoelectric properties of solids from full and range-separated hybrid functionals. <i>Journal of Chemical Physics</i> , 2017, 147, 114101.	3.0	32
20	Oneâ€Dimensional Phosphorus Nanostructures: from Nanorings to Nanohelices. <i>Chemistry - A European Journal</i> , 2017, 23, 15884-15888.	3.3	18
21	Generation of Attosecond Light Pulses from Gas and Solid State Media. <i>Photonics</i> , 2017, 4, 26.	2.0	50
22	Toward an Accurate Estimate of the Exfoliation Energy of Black Phosphorus: A Periodic Quantum Chemical Approach. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 131-136.	4.6	62
23	Coherent control with a short-wavelength free-electron laser. <i>Nature Photonics</i> , 2016, 10, 176-179.	31.4	197
24	Range-separated double-hybrid density-functional theory applied to periodic systems. <i>Journal of Chemical Physics</i> , 2015, 143, 102811.	3.0	21
25	The effect of electron correlation on the adsorption of hydrogen fluoride and water on magnesium fluoride surfaces. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18722-18728.	2.8	9
26	Molecular applications of attosecond laser pulses. <i>Chemical Physics Letters</i> , 2013, 578, 1-14.	2.6	58
27	Electron Correlation in Real Time. <i>ChemPhysChem</i> , 2012, 13, 661-680.	2.1	50
28	Quantum path analysis of isolated attosecond pulse generation by polarization gating. <i>Physical Review A</i> , 2009, 79, .	2.5	37
29	Shaping of attosecond pulses by phase-stabilized polarization gating. <i>Physical Review A</i> , 2009, 80, .	2.5	42
30	Isolated Single-Cycle Attosecond Pulses. <i>Science</i> , 2006, 314, 443-446.	12.6	1,496
31	Controlling attosecond electron dynamics by phase-stabilized polarization gating. <i>Nature Physics</i> , 2006, 2, 319-322.	16.7	399
32	Control of long electron quantum paths in high-order harmonic generation by phase-stabilized light pulses. <i>Physical Review A</i> , 2006, 73, .	2.5	31
33	Nonadiabatic quantum path analysis of high-order harmonic generation: Role of the carrier-envelope phase on short and long paths. <i>Physical Review A</i> , 2004, 70, .	2.5	96