

Chiara Corsi

List of Publications by Year in descending order

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32
papers

610
citations

687363

13
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and First Full Characterisation of Timing Properties of 3D Diamond Detectors. Instruments, 2021, 5, 39.	1.8	3
2	Fabrication and Characterisation of 3D Diamond Pixel Detectors With Timing Capabilities. Frontiers in Physics, 2020, 8, .	2.1	10
3	Evaluation of a 3D diamond detector for medical radiation dosimetry. Journal of Instrumentation, 2017, 12, P01003-P01003.	1.2	7
4	Ultimate Limit in the Spectral Resolution of Extreme Ultraviolet Frequency Combs. Physical Review Letters, 2017, 118, 143201.	7.8	5
5	Photoionization of monocrystalline CVD diamond irradiated with ultrashort intense laser pulse. Physical Review B, 2016, 93, .	3.2	31
6	An ultrastable Michelson interferometer for high-resolution spectroscopy in the XUV. Optics Express, 2015, 23, 4106.	3.4	6
7	Radiation hardness of three-dimensional polycrystalline diamond detectors. Applied Physics Letters, 2015, 106, .	3.3	37
8	Electrical and Raman-imaging characterization of laser-made electrodes for 3D diamond detectors. Diamond and Related Materials, 2014, 43, 23-28.	3.9	54
9	Three-dimensional diamond detectors: Charge collection efficiency of graphitic electrodes. Applied Physics Letters, 2013, 103, .	3.3	59
10	Split-pulse spectrometer for absolute XUV frequency measurements. Optics Letters, 2011, 36, 2047.	3.3	5
11	Method for High-Resolution Frequency Measurements in the Extreme Ultraviolet Regime: Random-Sampling Ramsey Spectroscopy. Physical Review Letters, 2011, 106, 213003.	7.8	20
12	Perspectives of Ramsey schemes based on high-order harmonics for high-resolution XUV spectroscopy. Laser Physics, 2010, 20, 1119-1125.	1.2	4
13	Ramsey spectroscopy of bound atomic states with extreme-ultraviolet laser harmonics. Optics Letters, 2010, 35, 832.	3.3	17
14	Extreme-ultraviolet Ramsey-type spectroscopy. Physical Review A, 2008, 78, .	2.5	14
15	Enhancing the yield of high-order harmonics with an array of gas jets. Physical Review A, 2008, 78, .	2.5	88
16	Optical coherence diagnostics for painting conservation. , 2007, , .		1
17	Interferometric measurement of the atomic dipole phase for the two electronic quantum paths generating high-order harmonics. Laser Physics, 2007, 17, 138-142.	1.2	3
18	First Interferometric Measurement of the Atomic Dipole Phase in High-Order Harmonic Generation. Acta Physica Hungarica A Heavy Ion Physics, 2006, 26, 343-350.	0.4	0

#	ARTICLE	IF	CITATIONS
19	A new tool for painting diagnostics: Optical coherence tomography. Optics and Spectroscopy (English) Tj ETQq1 1 0,784314,rgBT /Oye	0,6	36
20	Direct Interferometric Measurement of the Atomic Dipole Phase in High-Order Harmonic Generation. Physical Review Letters, 2006, 97, 023901.	7.8	41
21	High resolution spectroscopy in the XUV with pairs of mutually coherent and time-delayed laser harmonics. Laser and Particle Beams, 2004, 22, 199-202.	1.0	3
22	Robustness of phase coherence against amplification in a flashlamp-pumped multi-pass femtosecond laser. Applied Physics B: Lasers and Optics, 2004, 78, 31-34.	2.2	7
23	Generation of a variable linear array of phase-coherent supercontinuum sources. Applied Physics B: Lasers and Optics, 2004, 78, 299-304.	2.2	21
24	Comb-like supercontinuum generation in bulk media. Applied Physics Letters, 2004, 85, 1113-1115.	3.3	9
25	Mutual coherence of supercontinuum pulses collinearly generated in bulk media. Applied Physics B: Lasers and Optics, 2003, 77, 285-290.	2.2	30
26	Ramsey-Type Spectroscopy with High-Order Harmonics. Physical Review Letters, 2002, 89, 133002.	7.8	51
27	On the effects of strong ionization in medium-order harmonic generation. Laser and Particle Beams, 2002, 20, 277-284.	1.0	9
28	Phase-locked, time-delayed harmonic pulses for high spectral resolution in the extreme ultraviolet. Optics Letters, 2001, 26, 1010.	3.3	20
29	Phase-locked, time-delayed, harmonic pulses for high spectral resolution in the extreme ultraviolet: errata. Optics Letters, 2001, 26, 1729.	3.3	0
30	Towards high-resolution spectroscopy in the XUV with phase-locked harmonic pulses. Laser and Particle Beams, 2001, 19, 29-33.	1.0	1
31	Pressure broadening in the second overtone of NO, measured with a near infrared DFB diode laser. Optics Communications, 1999, 159, 80-83.	2.1	10
32	Detection of H ₂ O and CO ₂ with distributed feedback diode lasers: measurement of broadening coefficients and assessment of the accuracy levels for volcanic monitoring. Applied Optics, 1997, 36, 9481.	2.1	14