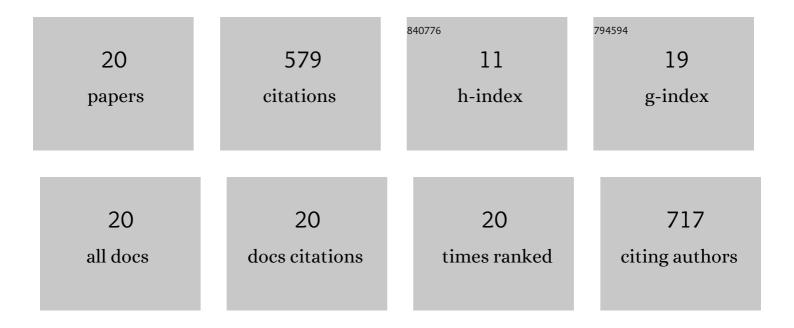
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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Enhanced Multi-MeV Photon Emission by a Laser-Driven Electron Beam in a Self-Generated Magnetic Field. Physical Review Letters, 2016, 116, 185003.	7.8	150
2	Hot Electrons Transverse Refluxing in Ultraintense Laser-Solid Interactions. Physical Review Letters, 2010, 105, 015005.	7.8	97
3	Laser-driven strong magnetostatic fields with applications to charged beam transport and magnetized high energy-density physics. Physics of Plasmas, 2018, 25, .	1.9	58
4	Enhanced proton acceleration in an applied longitudinal magnetic field. New Journal of Physics, 2016, 18, 105011.	2.9	50
5	Power Scaling for Collimated <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" overflow="scroll"><mml:mi>î³</mml:mi></mml:math> -Ray Beams Generated by Structured Laser-Irradiated Targets and Its Application to Two-Photon Pair Production. Physical Review Applied. 2020. 13	3.8	45
6	Dominance of Î ³ -Î ³ electron-positron pair creation in a plasma driven by high-intensity lasers. Communications Physics, 2021, 4, .	5.3	32
7	Direct laser acceleration of electrons assisted by strong laser-driven azimuthal plasma magnetic fields. Physical Review E, 2020, 102, 013206.	2.1	27
8	A tabletop, ultrashort pulse photoneutron source driven by electrons from laser wakefield acceleration. Matter and Radiation at Extremes, 2017, 2, 296-302.	3.9	19
9	Structured targets for detection of Megatesla-level magnetic fields through Faraday rotation of XFEL beams. Physics of Plasmas, 2019, 26, 013105.	1.9	17
10	Design and performance characterisation of the HAPG von Hámos Spectrometer at the High Energy Density Instrument of the European XFEL. Journal of Instrumentation, 2020, 15, P11033-P11033.	1.2	15
11	Relativistically transparent magnetic filaments: scaling laws, initial results and prospects for strong-field QED studies. New Journal of Physics, 2021, 23, 095009.	2.9	14
12	Demonstration of an x-ray Raman spectroscopy setup to study warm dense carbon at the high energy density instrument of European XFEL. Physics of Plasmas, 2021, 28, 082701.	1.9	11
13	Generation of focusing ion beams by magnetized electron sheath acceleration. Scientific Reports, 2020, 10, 18966.	3.3	9
14	ReLaX: the HiBEF high-intensity short-pulse laser driver for relativistic laser-matter interaction and strong-field science at the HED instrument at EuXFEL. High Power Laser Science and Engineering, 0, , 1-15.	4.6	9
15	Birefringence in thermally anisotropic relativistic plasmas and its impact on laser–plasma interactions. Physics of Plasmas, 2020, 27, .	1.9	7
16	Dynamics of hot refluxing electrons in ultra-short relativistic laser foil interactions. Physics of Plasmas, 2022, 29, .	1.9	7
17	A multihertz, kiloelectronvolt pulsed proton source from a laser irradiated continuous hydrogen cluster target. Physics of Plasmas, 2019, 26, 073102.	1.9	6
18	Generation of tens-of-MeV photons by compton backscatter from laser-plasma-accelerated GeV electrons. AIP Conference Proceedings, 2017, , .	0.4	2

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#	Article	IF	CITATIONS
19	Achieving pair creation via linear and nonlinear Breit–Wheeler processes in dense plasmas irradiated by high-intensity laser pulses. Physics of Plasmas, 2022, 29, .	1.9	2
20	Progress in relativistic laser–plasma interaction with kilotesla-level applied magnetic fields. Physics of Plasmas, 2022, 29, 053104.	1.9	2