

David Gauthier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10996080/publications.pdf>

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13
papers

490
citations

1040056

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h-index

1125743

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13
all docs

13
docs citations

13
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Widely tunable two-colour seeded free-electron laser source for resonant-pump resonant-probe magnetic scattering. <i>Nature Communications</i> , 2016, 7, 10343.	12.8	77
2	Spectrotemporal Shaping of Seeded Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2015, 115, 114801.	7.8	68
3	Single-shot spectro-temporal characterization of XUV pulses from a seeded free-electron laser. <i>Nature Communications</i> , 2015, 6, 8075.	12.8	55
4	Generation of Phase-Locked Pulses from a Seeded Free-Electron Laser. <i>Physical Review Letters</i> , 2016, 116, 024801.	7.8	50
5	Pulse Duration of Seeded Free-Electron Lasers. <i>Physical Review X</i> , 2017, 7, .	8.9	47
6	Generation of Coherent Extreme-Ultraviolet Radiation Carrying Orbital Angular Momentum. <i>Physical Review Letters</i> , 2014, 112, .	7.8	43
7	Chirped pulse amplification in an extreme-ultraviolet free-electron laser. <i>Nature Communications</i> , 2016, 7, 13688.	12.8	43
8	Two-colour generation in a chirped seeded free-electron laser: a close look. <i>Optics Express</i> , 2013, 21, 22728.	3.4	42
9	Multi-color imaging of magnetic Co/Pt heterostructures. <i>Structural Dynamics</i> , 2017, 4, 014301.	2.3	32
10	Element Selective Probe of the Ultra-Fast Magnetic Response to an Element Selective Excitation in Fe-Ni Compounds Using a Two-Color FEL Source. <i>Photonics</i> , 2017, 4, 6.	2.0	9
11	Free electron laser polarization control with interfering crossed polarized fields. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	9
12	Spectral-phase interferometry for direct electric-field reconstruction applied to seeded extreme-ultraviolet free-electron lasers. <i>Optics Express</i> , 2015, 23, 17665.	3.4	8
13	Direct spectrotemporal characterization of femtosecond extreme-ultraviolet pulses. <i>Physical Review A</i> , 2013, 88, .	2.5	7