

# Michael MÃ¼ller

## List of Publications by Year in descending order

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18  
papers

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1040056

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docs citations

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times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carrier-envelope phase stable few-cycle laser system delivering more than 100 W, 1 mJ, sub-2-cycle pulses. Optics Letters, 2022, 47, 1537.	3.3	12
2	Ultrafast Tm-doped fiber laser system delivering 1.65-mJ, sub-100-fs pulses at a 100-kHz repetition rate. Optics Letters, 2022, 47, 3095.	3.3	16
3	Nonlinear pulse compression to 51-W average power CW-class 35-fs pulses at 2- $\mu$ m wavelength in a gas-filled multi-pass cell. Optics Letters, 2022, 47, 3511.	3.3	6
4	1-kW, 10-mJ, 120-fs coherently combined fiber CPA laser system. Optics Letters, 2021, 46, 969.	3.4	60
5	Multipass cell for high-power few-cycle compression. Optics Letters, 2021, 46, 2678.	3.3	56
6	388 W multipass cell broadening supporting few-cycle pulse duration. , 2021, , .		0
7	Kilowatt-average-power compression of millijoule pulses in a gas-filled multi-pass cell. , 2021, , .		0
8	Scaling potential of beam-splitter-based coherent beam combination. Optics Express, 2021, 29, 27900.	3.4	7
9	Average-Power Scaling of Gas-Plasma Generated THz Radiation. , 2021, , .		0
10	Gas-plasma-based generation of broadband terahertz radiation with 640-mW average power. Optics Letters, 2021, 46, 5256.	3.3	35
11	Sub-2-Cycle Carrier-Envelope-Phase-stabilized 110W, 1.1mJ Laser. , 2021, , .		0
12	10.4-kW coherently combined ultrafast fiber laser. Optics Letters, 2020, 45, 3083.	3.3	184
13	Kilowatt-average-power compression of millijoule pulses in a gas-filled multi-pass cell. Optics Letters, 2020, 45, 6250.	3.3	73
14	170 W Multicore Fiber Based Femtosecond CPA System. , 2019, , .		0
15	Chz-Bursts and Ultrafast External Modulation of Femtosecond Fiber Lasers with kW Average Power Levels. , 2019, , .		1
16	Coherent Beam Combination of Ultrafast Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-9.	2.9	56
17	The impact of the fiber design on the RIN characteristics of high-power fiber laser systems. , 2017, , .		0
18	Energetic sub-2-cycle laser with 216-W average power. Optics Letters, 2016, 41, 4332.	3.3	107