

# Fengyan Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/618536/publications.pdf>

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14  
papers

263  
citations

933447

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1058476

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14  
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times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-shot compressed ultrafast photography: a review. <i>Advanced Photonics</i> , 2020, 2, 1.	11.8	47
2	Single-Shot Real-Time Ultrafast Imaging of Femtosecond Laser Fabrication. <i>ACS Photonics</i> , 2021, 8, 738-744.	6.6	37
3	Optimizing codes for compressed ultrafast photography by the genetic algorithm. <i>Optica</i> , 2018, 5, 147.	9.3	30
4	Hyperspectrally Compressed Ultrafast Photography. <i>Physical Review Letters</i> , 2020, 124, 023902.	7.8	28
5	Compressed ultrafast photography by multi-encoding imaging. <i>Laser Physics Letters</i> , 2018, 15, 116202.	1.4	23
6	High-fidelity image reconstruction for compressed ultrafast photography via an augmented-Lagrangian and deep-learning hybrid algorithm. <i>Photonics Research</i> , 2021, 9, B30.	7.0	21
7	Single-Shot Receive-Only Ultrafast Electro-Optical Deflection Imaging. <i>Physical Review Applied</i> , 2020, 13, .	3.8	16
8	Single-shot spatiotemporal intensity measurement of picosecond laser pulses with compressed ultrafast photography. <i>Optics and Lasers in Engineering</i> , 2019, 116, 89-93.	3.8	14
9	Multichannel-coupled compressed ultrafast photography. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 085701.	2.2	12
10	Total variation and block-matching 3D filtering-based image reconstruction for single-shot compressed ultrafast photography. <i>Optics and Lasers in Engineering</i> , 2021, 139, 106475.	3.8	11
11	Compressed Ultrafast Electron Diffraction Imaging Through Electronic Encoding. <i>Physical Review Applied</i> , 2018, 10, .	3.8	9
12	100-Trillion-Frame-per-Second Single-Shot Compressed Ultrafast Photography via Molecular Alignment. <i>Physical Review Applied</i> , 2021, 15, .	3.8	6
13	Single-shot real-time imaging of ultrafast light springs. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	5
14	Compressed 3D Image Information and Communication Security. <i>Advanced Quantum Technologies</i> , 2018, 1, 1800034.	3.9	4