

Fengyan Cao

List of Publications by Year in descending order

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113
citing authors

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