

Zhipeng Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7116982/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Perspective: Wavefront shaping techniques for controlling multiple light scattering in biological tissues: Toward <i>in vivo</i> applications. <i>APL Photonics</i> , 2018, 3, .	5.7	58
2	Wavefront Shaping and Its Application to Enhance Photoacoustic Imaging. <i>Applied Sciences</i> (Switzerland), 2017, 7, 1320.	2.5	32
3	Adaptive optical focusing through perturbed scattering media with a dynamic mutation algorithm. <i>Photonics Research</i> , 2021, 9, 202.	7.0	32
4	Time-reversed magnetically controlled perturbation (TRMCP) optical focusing inside scattering media. <i>Scientific Reports</i> , 2018, 8, 2927.	3.3	25
5	Implementation of digital optical phase conjugation with embedded calibration and phase rectification. <i>Scientific Reports</i> , 2019, 9, 1537.	3.3	23
6	Edge enhancement through scattering media enabled by optical wavefront shaping. <i>Photonics Research</i> , 2020, 8, 954.	7.0	17
7	Speckle-Based Optical Cryptosystem and its Application for Human Face Recognition via Deep Learning. <i>Advanced Science</i> , 2022, 9, .	11.2	13
8	Optically Selective Neuron Stimulation with a Wavefront Shaping-Empowered Multimode Fiber. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	12
9	Enhancing spatiotemporal focusing of light deep inside scattering media with Time-Gated Reflection Matrix. <i>Light: Science and Applications</i> , 2022, 11, .	16.6	4