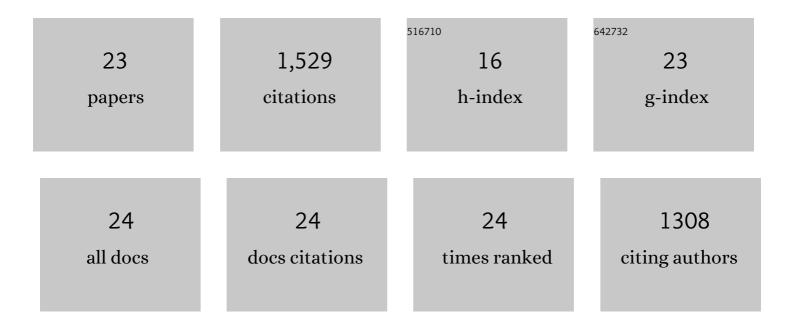
Haowen Ruan

List of Publications by Year in descending order

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HAOWEN RUAN

#	Article	IF	CITATIONS
1	Optical information transmission through complex scattering media with optical-channel-based intensity streaming. Nature Communications, 2021, 12, 2411.	12.8	20
2	Fluorescence imaging through dynamic scattering media with speckle-encoded ultrasound-modulated light correlation. Nature Photonics, 2020, 14, 511-516.	31.4	38
3	Imaging through highly scattering human skulls with ultrasound-modulated optical tomography. Optics Letters, 2020, 45, 2973.	3.3	11
4	Wavefront shaping with disorder-engineered metasurfaces. Nature Photonics, 2018, 12, 84-90.	31.4	205
5	Ultrasound modulated laser confocal feedback imaging inside turbid media. Optics Letters, 2018, 43, 1207.	3.3	21
6	Time-reversed ultrasonically encoded optical focusing through highly scattering ex vivo human cataractous lenses. Journal of Biomedical Optics, 2018, 23, 1.	2.6	10
7	Time-reversed ultrasonically encoded (TRUE) focusing for deep-tissue optogenetic modulation. , 2018, ,		0
8	Deep tissue optical focusing and optogenetic modulation with time-reversed ultrasonically encoded light. Science Advances, 2017, 3, eaao5520.	10.3	60
9	Focusing light inside scattering media with magnetic-particle-guided wavefront shaping. Optica, 2017, 4, 1337.	9.3	40
10	In vivo study of optical speckle decorrelation time across depths in the mouse brain. Biomedical Optics Express, 2017, 8, 4855.	2.9	52
11	Focusing light through scattering media by transmission matrix inversion. Optics Express, 2017, 25, 27234.	3.4	51
12	Glare suppression by coherence gated negation. Optica, 2016, 3, 1107.	9.3	8
13	Optical focusing inside scattering media with time-reversed ultrasound microbubble encoded light. Nature Communications, 2015, 6, 8968.	12.8	50
14	Relation between speckle decorrelation and optical phase conjugation (OPC)-based turbidity suppression through dynamic scattering media: a study on in vivo mouse skin. Biomedical Optics Express, 2015, 6, 72.	2.9	69
15	Focusing through dynamic tissue with millisecond digital optical phase conjugation. Optica, 2015, 2, 728.	9.3	186
16	Guidestar-assisted wavefront-shaping methods for focusing light into biological tissue. Nature Photonics, 2015, 9, 563-571.	31.4	451
17	Ultrasound modulated optical tomography contrast enhancement with non-linear oscillation of microbubbles. Quantitative Imaging in Medicine and Surgery, 2015, 5, 9-16.	2.0	6
18	Method for auto-alignment of digital optical phase conjugation systems based on digital propagation. Optics Express, 2014, 22, 14054.	3.4	53

HAOWEN RUAN

#	Article	IF	CITATIONS
19	Focusing on moving targets through scattering samples. Optica, 2014, 1, 227.	9.3	122
20	Model for estimating the penetration depth limit of the time-reversed ultrasonically encoded optical focusing technique. Optics Express, 2014, 22, 5787.	3.4	19
21	Iterative Time-Reversed Ultrasonically Encoded Light Focusing in Backscattering Mode. Scientific Reports, 2014, 4, 7156.	3.3	34
22	Pulsed ultrasound modulated optical tomography with harmonic lock-in holography detection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 1409.	1.5	11
23	Pulse inversion ultrasound modulated optical tomography. Optics Letters, 2012, 37, 1658.	3.3	11