

# Michelle Rhodes

## List of Publications by Year in descending order

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15  
papers

299  
citations

932766

10  
h-index

1281420

11  
g-index

15  
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15  
docs citations

15  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulse-shape instabilities and their measurement. <i>Laser and Photonics Reviews</i> , 2013, 7, 557-565.	4.4	82
2	Complete characterization of a spatiotemporally complex pulse by an improved single-frame pulse-measurement technique. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 2736.	0.9	47
3	Standards for ultrashort-laser-pulse-measurement techniques and their consideration for self-referenced spectral interferometry. <i>Applied Optics</i> , 2014, 53, D1.	0.9	35
4	Measuring spatiotemporal ultrafast field structures of pulses from multimode optical fibers. <i>Applied Optics</i> , 2017, 56, 3319.	2.1	25
5	Unstable and Multiple Pulsing Can Be Invisible to Ultrashort Pulse Measurement Techniques. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 40.	1.3	22
6	Measurement of the ultrafast lighthouse effect using a complete spatiotemporal pulse-characterization technique. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 1955.	0.9	21
7	Coherent artifact study of two-dimensional spectral shearing interferometry. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 1881.	0.9	18
8	Numerical simulations of holographic spatio-spectral traces of spatiotemporally distorted ultrashort laser pulses. <i>Applied Optics</i> , 2015, 54, 6640.	2.1	14
9	Visualizing spatiotemporal pulse propagation: first-order spatiotemporal couplings in laser pulses. <i>Applied Optics</i> , 2017, 56, 3024.	2.1	14
10	Single-shot complete spatiotemporal measurement of terawatt laser pulses. <i>Journal of Optics (United Kingdom)</i> , 2016, 16, 160701.	1.6	12
11	Validating data analysis of broadband laser ranging. <i>Review of Scientific Instruments</i> , 2018, 89, 035111.	0.6	8
12	Unstable multipulsing can be invisible to some ultrashort pulse measurement techniques. , 2016, , .		1
13	The coherent artifact in modern pulse measurements. , 2013, , .		0
14	Simulations of wavelength-multiplexed holography for single-shot spatiotemporal characterization of NIF's advanced radiographic capability (ARC) laser. <i>Review of Scientific Instruments</i> , 2021, 92, 053003.	0.6	0
15	Characterizing performance of broadband laser ranging. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0