

# Erin M Knutson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3658671/publications.pdf>

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9  
papers

164  
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1307594  
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docs citations

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206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Mode Correction of Single Photons Using Machine Learning. <i>Advanced Quantum Technologies</i> , 2021, 4, 2000103.	3.9	19
2	Generative machine learning for robust free-space communication. <i>Communications Physics</i> , 2020, 3, .	5.3	18
3	Phase-sensitive amplification via multi-phase-matched four-wave mixing. <i>Optics Express</i> , 2020, 28, 22748.	3.4	3
4	Dispersion characterization and pulse prediction with machine learning. <i>OSA Continuum</i> , 2019, 2, 3438.	1.8	11
5	Self-reinforced optical stability formed by unseeded four-wave mixing with two pump beams in atomic vapor. , 2019, , .		0
6	Optimal mode configuration for multiple phase-matched four-wave-mixing processes. <i>Physical Review A</i> , 2018, 98, .	2.5	17
7	Multimode four-wave mixing with a spatially structured pump. <i>Optics Letters</i> , 2018, 43, 2716.	3.3	12
8	On the use of deep neural networks in optical communications. <i>Applied Optics</i> , 2018, 57, 4180.	1.8	74
9	Atomic vapor as a source of tunable, non-Gaussian self-reconstructing optical modes. <i>Scientific Reports</i> , 2017, 7, 42311.	3.3	10