

Sanjaya Lohani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7515462/publications.pdf>

Version: 2024-02-01

16
papers

781
citations

933447

10
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Report on the sixth blind test of organic crystal structure prediction methods. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 439-459.	1.1	445
2	Turbulence correction with artificial neural networks. Optics Letters, 2018, 43, 2611.	3.3	100
3	On the use of deep neural networks in optical communications. Applied Optics, 2018, 57, 4180.	1.8	74
4	Machine learning assisted quantum state estimation. Machine Learning: Science and Technology, 2020, 1, 035007.	5.0	48
5	Spatial Mode Correction of Single Photons Using Machine Learning. Advanced Quantum Technologies, 2021, 4, 2000103.	3.9	19
6	Generative machine learning for robust free-space communication. Communications Physics, 2020, 3, .	5.3	18
7	Deep learning as a tool to distinguish between high orbital angular momentum optical modes. Proceedings of SPIE, 2016, , .	0.8	16
8	Machine learning pipeline for quantum state estimation with incomplete measurements. Machine Learning: Science and Technology, 2021, 2, 035014.	5.0	14
9	On the Experimental Feasibility of Quantum State Reconstruction via Machine Learning. IEEE Transactions on Quantum Engineering, 2021, 2, 1-10.	4.9	12
10	Improving application performance with biased distributions of quantum states. Physical Review Research, 2021, 3, .	3.6	12
11	Dispersion characterization and pulse prediction with machine learning. OSA Continuum, 2019, 2, 3438.	1.8	11
12	Coherent optical communications enhanced by machine intelligence. Machine Learning: Science and Technology, 2020, 1, 035006.	5.0	5
13	Robust Free Space OAM Communications with Unsupervised Machine Learning. , 2019, , .		4
14	Free-Space Optical ON-OFF Keying Communications with Deep Learning. , 2020, , .		3
15	Artificial Neural Networks for Turbulence Correction of Structured Light. , 2019, , .		0
16	Bit-Error Rate Reduction of Free-Space Optical ON-OFF Keying with Atmospheric Effects. , 2021, , .		0