

Trevor Brown

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

137
citations

1937685

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2053705

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20
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20
docs citations

20
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascaded Metasurface Design Using Electromagnetic Inversion With Gradient-Based Optimization. IEEE Transactions on Antennas and Propagation, 2022, 70, 2033-2045.	5.1	11
2	Gradient-Based Electromagnetic Inversion for Metasurface Design Using Circuit Models. IEEE Transactions on Antennas and Propagation, 2022, 70, 2046-2058.	5.1	4
3	Phaseless Electromagnetic Inversion for Imaging, Characterization, and Design. , 2021, , .		0
4	Toward an End-to-End Metasurface Design Procedure for Power Pattern Synthesis. , 2021, , .		3
5	On the Use of Electromagnetic Inversion for Metasurface Design. IEEE Transactions on Antennas and Propagation, 2020, 68, 1812-1824.	5.1	40
6	Electromagnetic Inversion With Local Power Conservation for Metasurface Design. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1291-1295.	4.0	30
7	Multi-Plane Magnetic Near-Field Data Inversion Using the Source Reconstruction Method. , 2018, , .		1
8	On the Use of Electromagnetic Inversion for Near-Field Antenna Measurements: A Review. , 2018, , .		10
9	Multiplicatively Regularized Source Reconstruction Method for Phaseless Planar Near-Field Antenna Measurements. IEEE Transactions on Antennas and Propagation, 2017, 65, 2020-2031.	5.1	32
10	Electromagnetic inversion for biomedical imaging, antenna characterization, and sea ice remote sensing applications. , 2016, , .		5
11	Multiplicatively regularized source reconstruction method for phaseless near-field antenna measurements. , 2015, , .		0