

Trevor Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1410408/publications.pdf>

Version: 2024-02-01

11
papers

137
citations

1937685

4
h-index

2053705

5
g-index

20
all docs

20
docs citations

20
times ranked

84
citing authors

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