

Ziheng Zhou

List of Publications by Year in descending order

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15
papers

368
citations

759233

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996975

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g-index

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all docs

15
docs citations

15
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Metantenna: When Metasurface Meets Antenna Again. IEEE Transactions on Antennas and Propagation, 2020, 68, 1332-1347.	5.1	122
2	Substrate-integrated photonic doping for near-zero-index devices. Nature Communications, 2019, 10, 4132.	12.8	47
3	Monostatic Copolarized Simultaneous Transmit and Receive (STAR) Antenna by Integrated Single-Layer Design. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 472-476.	4.0	29
4	General Impedance Matching via Doped Epsilon-Near-Zero Media. Physical Review Applied, 2020, 13, .	3.8	29
5	Effective Epsilon-Near-Zero (ENZ) Antenna Based on Transverse Cutoff Mode. IEEE Transactions on Antennas and Propagation, 2019, 67, 2289-2297.	5.1	25
6	<i>N</i> -Port Equal/Unequal-Split Power Dividers Using Epsilon-Near-Zero Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1529-1537.	4.6	19
7	Geometry-independent antenna based on Epsilon-near-zero medium. Nature Communications, 2022, 13, .	12.8	15
8	Waveguide effective plasmonics with structure dispersion. Nanophotonics, 2022, 11, 1659-1676.	6.0	13
9	Dispersion coding of ENZ media via multiple photonic dopants. Light: Science and Applications, 2022, 11, .	16.6	13
10	Wideband Epsilon-Near-Zero Supercoupling Control through Substrate-Integrated Impedance Surface. Advanced Theory and Simulations, 2019, 2, 1900059.	2.8	12
11	A Photonic-Doping-Inspired SIW Antenna With Length-Invariant Operating Frequency. IEEE Transactions on Antennas and Propagation, 2020, 68, 5151-5158.	5.1	12
12	A Slender Fabry-Pérot Antenna for High-Gain Horizontally Polarized Omnidirectional Radiation. IEEE Transactions on Antennas and Propagation, 2021, 69, 526-531.	5.1	12
13	An Epsilon-Near-Zero-Inspired PDMS Substrate Antenna With Deformation-Insensitive Operating Frequency. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1591-1595.	4.0	11
14	Integrated epsilon-near-zero antenna for omnidirectional radiation. Applied Physics Letters, 2021, 119, .	3.3	5
15	Length-Irrelevant Dual-Polarized Antenna Based on Antiphase Epsilon-Near-Zero Mode. IEEE Transactions on Antennas and Propagation, 2022, 70, 720-725.	5.1	4