

# Li Xiaoping

## List of Publications by Year in descending order

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23  
papers

184  
citations

1163117

8  
h-index

1199594

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved graph-regularized deep belief network with sparse features learning for fault diagnosis. <i>Neural Computing and Applications</i> , 2022, 34, 9885-9899.	5.6	4
2	Class metric regularized deep belief network with sparse representation for fault diagnosis. <i>International Journal of Intelligent Systems</i> , 2022, 37, 5996-6022.	5.7	7
3	An Adaptive BICM-ID System Based on Binary Orthogonal-Division Dual-Carrier Modulation for the Hypersonic Vehicle Massive 2 $\times$ MIMO Telemetry Channel. <i>IEEE Transactions on Plasma Science</i> , 2022, 50, 1754-1764.	1.3	0
4	Spatial Selectivity of Plasma Sheath Channel at Millimeter Wave Band for Hypersonic Vehicle. <i>IEEE Transactions on Plasma Science</i> , 2022, 50, 2430-2438.	1.3	1
5	Resistance-loaded miniaturized dual-layer Vivaldi antenna for plasma reflection diagnosis. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 205-210.	1.4	10
6	Robust Model-Predictive Control for Inductively Coupled Plasma Generation With a Semiphsical Simulation. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 3380-3389.	7.9	12
7	Experimental study on correlation between amplitude and phase of electromagnetic wave affected by time-varying plasma by amplitude-modulated radio frequency plasma generator. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	3
8	A Method to Suppress the Coupling of Dual-Frequency Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 1458-1462.	4.0	8
9	Design and research of single-sided slotted waveguide antenna with a large beam declination. <i>IET Microwaves, Antennas and Propagation</i> , 2021, 15, 163-173.	1.4	1
10	A Low-Profile, Single-Ended and Dual-Polarized Patch Antenna for 5G Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 4048-4053.	5.1	26
11	Design of point focusing lens antenna for high-temperature plasma diagnosis. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 1335-1340.	1.4	7
12	Integration of Microstrip Slot Array Antenna with Dye-Sensitized Solar Cells. <i>Sensors</i> , 2020, 20, 6257.	3.8	6
13	Integration of Circularly Polarized Microstrip Slot Array Antenna With Amorphous Silicon Solar Cells. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 2320-2323.	4.0	22
14	Binary Orthogonal-Division Dual-Carrier Modulation for Hypersonic Vehicle Downlink Massive 2 $\times$ MIMO Systems With Noncoherent ML Detection. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3573-3581.	1.3	2
15	Wideband Planar Sleeve Dipole Antenna With Back Cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 959-963.	4.0	12
16	A 3-D Total-Field/Scattered-Field Plane-Wave Source for the FDTD Analysis of Reentry Plasma Sheath. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 6214-6225.	5.1	21
17	Dual-Band Focused Transmitarray Antenna for Microwave Measurements. <i>IEEE Access</i> , 2020, 8, 100337-100345.	4.2	12
18	Design and Research of a Broadband High-Gain Low-Profile Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 5824-5832.	5.1	2

#	ARTICLE	IF	CITATIONS
19	Reduction of mutual coupling between patch antennas using defected ground structure in L&S bands. Microwave and Optical Technology Letters, 2019, 61, 2730-2738.	1.4	4
20	Design of a Low-SLL SIW Slot Array Antenna With a Large Declination in \$Ka\$ -Band. IEEE Access, 2019, 7, 120541-120547.	4.2	5
21	Simulation study of an inductively coupled plasma discharge with different copper coil designs and gas compositions. AIP Advances, 2019, 9, .	1.3	10
22	Single&feed microstrip antenna for wide angle circular polarisation with six metal columns. IET Microwaves, Antennas and Propagation, 2019, 13, 2569-2574.	1.4	3
23	Focused transmitarray antenna using l&shaped slot elements for microwave measurements. Electronics Letters, 2019, 55, 1322-1324.	1.0	6