

# Xiaoyan Y Z Xiong

## List of Publications by Year in descending order

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11  
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1684188

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g-index

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docs citations

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times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact Nonlinear Yagi-Uda Nanoantennas. Scientific Reports, 2016, 6, 18872.	3.3	33
2	Mixing of spin and orbital angular momenta via second-harmonic generation in plasmonic and dielectric chiral nanostructures. Physical Review B, 2017, 95, .	3.2	25
3	Volterra Series-Based Time-Domain Macromodeling of Nonlinear Circuits. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 39-49.	2.5	13
4	Surface waves in three-dimensional electromagnetic composites and their effect on homogenization. Optics Express, 2013, 21, 10412.	3.4	11
5	The Error Control of Mixed-Form Fast Multipole Algorithm Based on the High-Order Multipole Rotation. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1655-1658.	4.0	6
6	Second-harmonic generation of structured light by transition-metal dichalcogenide metasurfaces. Physical Review A, 2020, 102, .	2.5	4
7	Sum-frequency and second-harmonic generation from plasmonic nonlinear nanoantennas. URSI Radio Science Bulletin, 2017, 2017, 43-49.	0.1	2
8	STAVES: Speedy tensor-aided Volterra-based electronic simulator. , 2015, , .		1
9	Analysis of nonlinear graphene plasmonics using surface integral equations. , 2018, , .		1
10	Helmholtz decomposition based on integral equation method for electromagnetic analysis. Microwave and Optical Technology Letters, 2014, 56, 1838-1843.	1.4	0
11	Surface waves extraction and their effect on effective material parameters of metamaterials. , 2017, , .		0