

George R Keiser

List of Publications by Year in descending order

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11
papers

1,342
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz-field-induced insulator-to-metal transition in vanadium dioxide metamaterial. <i>Nature</i> , 2012, 487, 345-348.	27.8	1,046
2	Optically Modulated Multiband Terahertz Perfect Absorber. <i>Advanced Optical Materials</i> , 2014, 2, 1221-1226.	7.3	94
3	Voltage-tunable dual-layer terahertz metamaterials. <i>Microsystems and Nanoengineering</i> , 2016, 2, 16025.	7.0	79
4	Nonlinear terahertz devices utilizing semiconducting plasmonic metamaterials. <i>Light: Science and Applications</i> , 2016, 5, e16078-e16078.	16.6	65
5	Real-time tunable phase response and group delay in broadside coupled split-ring resonators. <i>Physical Review B</i> , 2019, 99, .	3.2	22
6	Terahertz Field Confinement in Nonlinear Metamaterials and Near-Field Imaging. <i>Photonics</i> , 2019, 6, 22.	2.0	16
7	Terahertz saturable absorption in superconducting metamaterials. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 2649.	2.1	15
8	Structural tuning of nonlinear terahertz metamaterials using broadside coupled split ring resonators. <i>AIP Advances</i> , 2021, 11, .	1.3	3
9	Frequency tunable metamaterial designs using near field coupled SRR structures in the terahertz region. , 2011, , .		2
10	THz materials discovery and integration: The search for novel functionality. , 2015, , .		0
11	Structurally Tunable Nonlinear Terahertz Metamaterials. , 2020, , .		0