

Naresh K Emani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21 papers	3,585 citations	13 h-index	36 g-index
36 ext. papers	4,110 ext. citations	8.2 avg, IF	5.18 L-index

#	Paper	IF	Citations
21	Searching for better plasmonic materials. <i>Laser and Photonics Reviews</i> , 2010 , 4, 795-808	8.3	1346
20	Broadband light bending with plasmonic nanoantennas. <i>Science</i> , 2012 , 335, 427	33.3	1078
19	Electrically tunable damping of plasmonic resonances with graphene. <i>Nano Letters</i> , 2012 , 12, 5202-6	11.5	260
18	Efficient light bending with isotropic metamaterial Huygensasurfaces. <i>Nano Letters</i> , 2014 , 14, 2491-7	11.5	257
17	Directional lasing in resonant semiconductor nanoantenna arrays. <i>Nature Nanotechnology</i> , 2018 , 13, 1042-1047	28.7	217
16	Electrical modulation of fano resonance in plasmonic nanostructures using graphene. <i>Nano Letters</i> , 2014 , 14, 78-82	11.5	165
15	Plasmonic Resonances in Nanostructured Transparent Conducting Oxide Films. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013 , 19, 4601907-4601907	3.8	68
14	Graphene: A Dynamic Platform for Electrical Control of Plasmonic Resonance. <i>Nanophotonics</i> , 2015 , 4, 214-223	6.3	51
13	Plasmon resonance in multilayer graphene nanoribbons. <i>Laser and Photonics Reviews</i> , 2015 , 9, 650-655	8.3	31
12	High-efficiency and low-loss gallium nitride dielectric metasurfaces for nanophotonics at visible wavelengths. <i>Applied Physics Letters</i> , 2017 , 111, 221101	3.4	29
11	. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 2614-2622	2.9	23
10	Second harmonic generation with plasmonic metasurfaces: direct comparison of electric and magnetic resonances. <i>Optical Materials Express</i> , 2015 , 5, 2682	2.6	17
9	Material Dependence of NBTI Physical Mechanism in Silicon Oxynitride (SiON) p-MOSFETs: A Comprehensive Study by Ultra-Fast On-The-Fly (UF-OTF) IDLIN Technique 2007 ,		17
8	Theory and Practice of On-the-fly and Ultra-fast VT Measurements for NBTI Degradation: Challenges and Opportunities 2007 ,		13
7	Electrically Tunable Plasmonic Resonances with Graphene 2012 ,		3
6	Nanostructured Transparent Conductive Oxide Films for Plasmonic Applications 2013 ,		2
5	Spectral singularities and asymmetric light scattering in PT-symmetric 2D nanoantenna arrays. <i>Optics Letters</i> , 2020 , 45, 5185-5188	3	2

4	Device Electrostatics and High Temperature Operation of Oxygen Terminated Boron Doped Diamond MOS Capacitor and MOSFET 2020 ,		1
3	Enhanced light emission from gap plasmons in nano-strip MIM tunnel junctions. <i>Journal of Optics (United Kingdom)</i> , 2020 , 22, 095006	1.7	1
2	Enhancement of the optical gain in GaAs nanocylinders for nanophotonic applications. <i>Journal of Applied Physics</i> , 2020 , 127, 153102	2.5	1
1	Generalized Kerker effect in PT-symmetric nanoantenna array. <i>Journal of Optics (United Kingdom)</i> , 2022 , 24, 034003	1.7	