Naresh K Emani

List of Publications by Year in Descending Order

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	Generalized Kerker effect in PT-symmetric nanoantenna array. *Journal of Optics (United Kingdom)*, **2022**, 24, 034003	1.7	
20	Device Electrostatics and High Temperature Operation of Oxygen Terminated Boron Doped Diamond MOS Capacitor and MOSFET **2020**,		1
19	Spectral singularities and asymmetric light scattering in PT-symmetric 2D nanoantenna arrays. *Optics Letters*, **2020**, 45, 5185-5188	3	2
18	Enhanced light emission from gap plasmons in nano-strip MIM tunnel junctions. *Journal of Optics (United Kingdom)*, **2020**, 22, 095006	1.7	1
17	Enhancement of the optical gain in GaAs nanocylinders for nanophotonic applications. *Journal of Applied Physics*, **2020**, 127, 153102	2.5	1
16	Directional lasing in resonant semiconductor nanoantenna arrays. *Nature Nanotechnology*, **2018**, 13, 1042-1047	28.7	217
15	High-efficiency and low-loss gallium nitride dielectric metasurfaces for nanophotonics at visible wavelengths. *Applied Physics Letters*, **2017**, 111, 221101	3.4	29
14	Graphene: A Dynamic Platform for Electrical Control of Plasmonic Resonance. *Nanophotonics*, **2015**, 4, 214-223	6.3	51
13	Second harmonic generation with plasmonic metasurfaces: direct comparison of electric and magnetic resonances. *Optical Materials Express*, **2015**, 5, 2682	2.6	17
12	Plasmon resonance in multilayer graphene nanoribbons. *Laser and Photonics Reviews*, **2015**, 9, 650-655	8.3	31
11	Electrical modulation of fano resonance in plasmonic nanostructures using graphene. *Nano Letters*, **2014**, 14, 78-82	11.5	165
10	Efficient light bending with isotropic metamaterial Huygensasurfaces. *Nano Letters*, **2014**, 14, 2491-7	11.5	257
9	Plasmonic Resonances in Nanostructured Transparent Conducting Oxide Films. *IEEE Journal of Selected Topics in Quantum Electronics*, **2013**, 19, 4601907-4601907	3.8	68
8	Nanostructured Transparent Conductive Oxide Films for Plasmonic Applications **2013**,		2
7	Electrically tunable damping of plasmonic resonances with graphene. *Nano Letters*, **2012**, 12, 5202-6	11.5	260
6	Broadband light bending with plasmonic nanoantennas. *Science*, **2012**, 335, 427	33.3	1078
5	Electrically Tunable Plasmonic Resonances with Graphene **2012**,		3

4	Searching for better plasmonic materials. *Laser and Photonics Reviews*, **2010**, 4, 795-808	8.3	1346
3	. *IEEE Transactions on Electron Devices*, **2008**, 55, 2614-2622	2.9	23
2	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
1	Theory and Practice of On-the-fly and Ultra-fast VT Measurements for NBTI Degradation: Challenges and Opportunities **2007**,		13