

# N Kamaraju

## List of Publications by Year in descending order

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17  
papers

496  
citations

1040056

9  
h-index

888059

17  
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17  
all docs

17  
docs citations

17  
times ranked

959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond carrier dynamics and saturable absorption in graphene suspensions. Applied Physics Letters, 2009, 95, .	3.3	182
2	Large nonlinear absorption and refraction coefficients of carbon nanotubes estimated from femtosecond z-scan measurements. Applied Physics Letters, 2007, 91, 251103.	3.3	63
3	Subcycle control of terahertz waveform polarization using all-optically induced transient metamaterials. Light: Science and Applications, 2014, 3, e155-e155.	16.6	46
4	Transient GaAs Plasmonic Metasurfaces at Terahertz Frequencies. ACS Photonics, 2017, 4, 15-21.	6.6	36
5	Graphene analogue BCN: Femtosecond nonlinear optical susceptibility and hot carrier dynamics. Chemical Physics Letters, 2010, 499, 152-157.	2.6	33
6	Temperature-dependent chirped coherent phonon dynamics in Bi <sub>2</sub> Te <sub>3</sub> using high-intensity femtosecond laser pulses. Europhysics Letters, 2010, 92, 47007.	2.0	26
7	Terahertz Spectroscopy of Single-Walled Carbon Nanotubes in a Polymer Film: Observation of Low-Frequency Phonons. Journal of Physical Chemistry C, 2010, 114, 12446-12450.	3.1	24
8	Double walled carbon nanotubes as ultrafast optical switches. Applied Physics Letters, 2009, 95, .	3.3	21
9	Ultrafast electron dynamics and cubic optical nonlinearity of freestanding thin film of double walled carbon nanotubes. Applied Physics Letters, 2008, 93, 091903.	3.3	14
10	Large-amplitude chirped coherent phonons in tellurium mediated by ultrafast photoexcited carrier diffusion. Physical Review B, 2010, 82, .	3.2	10
11	Influence of two photon absorption induced free carriers on coherent polariton and phonon generation in ZnTe crystals. Journal of Applied Physics, 2010, 107, .	2.5	9
12	Indication of Te segregation in laser-irradiated ZnTe observed by <i>in situ</i> coherent-phonon spectroscopy. Applied Physics Letters, 2014, 105, .	3.3	8
13	Ultrafast Switching Time and Third Order Nonlinear Coefficients of Microwave Treated Single Walled Carbon Nanotube Suspensions. Journal of Nanoscience and Nanotechnology, 2009, 9, 5550-5554.	0.9	6
14	Ultrafast Carrier Dynamics of Undoped and Ho <sup>3+</sup> -Doped Bi-Bismuth Oxide Microrods. Journal of Physical Chemistry C, 2019, 123, 10007-10012.	3.1	6
15	A review on numerical methods for thickness determination in terahertz time-domain spectroscopy. European Physical Journal: Special Topics, 2021, 230, 4099-4111.	2.6	5
16	Ultrafast electron hole plasma dynamics in chemically pristine and Ag-doped ZnO nanorods. Journal of Applied Physics, 2018, 124, 243103.	2.5	4
17	FEMTOSECOND PHOTOEXCITED CARRIER DYNAMICS IN REDUCED GRAPHENE OXIDE SUSPENSIONS AND FILMS. International Journal of Nanoscience, 2011, 10, 669-673.	0.7	3