

# Sree Harsha Srikantiah

## List of Publications by Year in descending order

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34  
papers

1,108  
citations

567144

15  
h-index

642610

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Embedded Polymer: In Situ Synthesis, Free-Standing Films with Highly Monodisperse Silver Nanoparticles and Optical Limiting. <i>Chemistry of Materials</i> , 2005, 17, 9-12.	3.2	283
2	High-Resolution Waveguide THz Spectroscopy of Biological Molecules. <i>Biophysical Journal</i> , 2008, 94, 1010-1020.	0.2	143
3	7 GHz resolution waveguide THz spectroscopy of explosives related solids showing new features. <i>Optics Express</i> , 2008, 16, 4094.	1.7	90
4	Femtosecond supercontinuum generation in a quadratic nonlinear medium (KDP). <i>Optics Express</i> , 2005, 13, 3224.	1.7	80
5	Line narrowing of terahertz vibrational modes for organic thin polycrystalline films within a parallel plate waveguide. <i>Applied Physics Letters</i> , 2006, 89, 251110.	1.5	75
6	Terahertz Time-Domain Spectroscopy of Gases, Liquids, and Solids. <i>ChemPhysChem</i> , 2011, 12, 2695-2705.	1.0	60
7	Narrow-Line Waveguide Terahertz Time-Domain Spectroscopy of Aspirin and Aspirin Precursors. <i>Applied Spectroscopy</i> , 2008, 62, 319-326.	1.2	51
8	High-Q terahertz Bragg resonances within a metal parallel plate waveguide. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	51
9	High-Resolution Waveguide Terahertz Spectroscopy of Partially Oriented Organic Polycrystalline Films. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10977-10987.	1.1	45
10	Guided-wave terahertz spectroscopy of molecular solids [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, A79.	0.9	37
11	Broadband supercontinuum generation in a single potassium di-hydrogen phosphate (KDP) crystal achieved in tandem with sum frequency generation. <i>Applied Physics B: Lasers and Optics</i> , 2007, 86, 615-621.	1.1	27
12	Flare coupled metal parallel-plate waveguides for high resolution terahertz time-domain spectroscopy. <i>Journal of Applied Physics</i> , 2010, 108, 113105.	1.1	27
13	Terahertz (Far-Infrared) Characterization of Tris(hydroxymethyl)aminomethane Using High-Resolution Waveguide THz-TDS. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3489-3494.	1.1	27
14	Temperature dependent characterization of terahertz vibrations of explosives and related threat materials. <i>Optics Express</i> , 2010, 18, 27238.	1.7	27
15	Identification of Genistein and Biochanin A by THz (far-infrared) vibrational spectra. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 62, 177-181.	1.4	16
16	Terahertz two-cylinder waveguide coupler for transverse-magnetic and transverse-electric mode operation. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	15
17	Substrate independence of THz vibrational modes of polycrystalline thin films of molecular solids in waveguide THz-TDS. <i>Journal of Applied Physics</i> , 2012, 111, 023105.	1.1	11
18	Interaction of two counterpropagating laser induced plasmas and shock waves in air. <i>Physics of Plasmas</i> , 2020, 27, 023107.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Supercontinuum generation from zinc borate glasses: bandgap versus rare-earth doping. Optics Letters, 2021, 46, 1201.	1.7	8
20	Investigation of stagnation layer dynamics of counterpropagating laser induced air plasmas: Numerical simulations vis-À-vis experimental observations. Physics of Plasmas, 2021, 28, .	0.7	8
21	Effect of focusing element-induced aberrations on filamentation and supercontinuum emission in ambient air. Optics Express, 2021, 29, 14668.	1.7	7
22	Spatio-temporal characterization of ablative Cu plasma produced by femtosecond filaments. Optics Express, 2021, 29, 10395.	1.7	5
23	Effect of chirp on supercontinuum generation from Barium Zinc Borate glasses. Optics and Laser Technology, 2022, 149, 107890.	2.2	3
24	High resolution waveguide THz-TDS of melamine. , 2008, , .		1
25	High resolution THz spectroscopy of organic and bio-organic molecules. , 2007, , .		0
26	High Resolution Terahertz Spectroscopy of Organic Polycrystalline Thin Films Using a Parallel Metal Plate Waveguide. , 2007, , .		0
27	Narrow-Line THz Absorption Spectra of Deoxycytidine and D-Glucose Films in Parallel Plate Waveguides. , 2007, , .		0
28	Guided wave terahertz characterization of fingerprint lines in threat materials. Proceedings of SPIE, 2010, , .	0.8	0
29	Resolution of the THz vibrational modes of Tris (hydroxymethyl) aminomethane (TRIS) using waveguide THz-TDS. , 2010, , .		0
30	High Resolution THz-TDS using Flare Coupled Metal Parallel-Plate Waveguides. , 2011, , .		0
31	Adiabatic coupling into Terahertz parallel-plate waveguides. , 2011, , .		0
32	TM and TE1 Operation of Cylindrical Terahertz Waveguides. , 2011, , .		0
33	Evaluation of Sonic Emissions from Femtosecond Filaments. , 2020, , .		0
34	Effect of Aberrations in Focusing Elements on Femtosecond Filaments. , 2020, , .		0