

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 | Effect of chirp on supercontinuum generation from Barium Zinc Borate glasses. Optics and Laser Technology, 2022, 149, 107890. | 2.2 | 3 |
| 2 | Supercontinuum generation from zinc borate glasses: bandgap versus rare-earth doping. Optics Letters, 2021, 46, 1201. | 1.7 | 8 |
| 3 | Spatio-temporal characterization of ablative Cu plasma produced by femtosecond filaments. Optics Express, 2021, 29, 10395. | 1.7 | 5 |
| 4 | Effect of focusing element-induced aberrations on filamentation and supercontinuum emission in ambient air. Optics Express, 2021, 29, 14668. | 1.7 | 7 |
| 5 | 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 |
| 6 | Interaction of two counterpropagating laser induced plasmas and shock waves in air. Physics of Plasmas, 2020, 27, 023107. | 0.7 | 11 |
| 7 | Evaluation of Sonic Emissions from Femtosecond Filaments. , 2020, , . | | 0 |
| 8 | Effect of Aberrations in Focusing Elements on Femtosecond Filaments. , 2020, , . | | 0 |
| 9 | Substrate independence of THz vibrational modes of polycrystalline thin films of molecular solids in waveguide THz-TDS. Journal of Applied Physics, 2012, 111, 023105. | 1.1 | 11 |
| 10 | Identification of Genistein and Biochanin A by THz (far-infrared) vibrational spectra. Journal of Pharmaceutical and Biomedical Analysis, 2012, 62, 177-181. | 1.4 | 16 |
| 11 | Terahertz Time-ÅDomain Spectroscopy of Gases, Liquids, and Solids. ChemPhysChem, 2011, 12, 2695-2705. | 1.0 | 60 |
| 12 | High Resolution THz-TDS using Flare Coupled Metal Parallel-Plate Waveguides. , 2011, , . | | 0 |
| 13 | Adiabatic coupling into Terahertz parallel-plate waveguides. , 2011, , . | | 0 |
| 14 | Terahertz two-cylinder waveguide coupler for transverse-magnetic and transverse-electric mode operation. Applied Physics Letters, 2011, 98, . | 1.5 | 15 |
| 15 | TM and TE1 Operation of Cylindrical Terahertz Waveguides. , 2011, , . | | 0 |
| 16 | Guided wave terahertz characterization of fingerprint lines in threat materials. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 17 | Resolution of the THz vibrational modes of Tris (hydroxymethyl) aminomethane (TRIS) using waveguide THz-TDS. , 2010, , . | | 0 |
| 18 | Flare coupled metal parallel-plate waveguides for high resolution terahertz time-domain spectroscopy. Journal of Applied Physics, 2010, 108, 113105. | 1.1 | 27 |

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|----|--|-----|-----------|
| 19 | Terahertz (Far-Infrared) Characterization of Tris(hydroxymethyl)aminomethane Using High-Resolution Waveguide THz-TDS. Journal of Physical Chemistry A, 2010, 114, 3489-3494. | 1.1 | 27 |
| 20 | Temperature dependent characterization of terahertz vibrations of explosives and related threat materials. Optics Express, 2010, 18, 27238. | 1.7 | 27 |
| 21 | High-Q terahertz Bragg resonances within a metal parallel plate waveguide. Applied Physics Letters, 2009, 94, . | 1.5 | 51 |
| 22 | Guided-wave terahertz spectroscopy of molecular solids [Invited]. Journal of the Optical Society of America B: Optical Physics, 2009, 26, A79. | 0.9 | 37 |
| 23 | High-Resolution Waveguide THz Spectroscopy of Biological Molecules. Biophysical Journal, 2008, 94, 1010-1020. | 0.2 | 143 |
| 24 | Narrow-Line Waveguide Terahertz Time-Domain Spectroscopy of Aspirin and Aspirin Precursors. Applied Spectroscopy, 2008, 62, 319-326. | 1.2 | 51 |
| 25 | 7 GHz resolution waveguide THz spectroscopy of explosives related solids showing new features. Optics Express, 2008, 16, 4094. | 1.7 | 90 |
| 26 | High resolution waveguide THz-TDS of melamine. , 2008, , . | | 1 |
| 27 | High resolution THz spectroscopy of organic and bio-organic molecules. , 2007, , . | | 0 |
| 28 | High Resolution Terahertz Spectroscopy of Organic Polycrystalline Thin Films Using a Parallel Metal Plate Waveguide. , 2007, , . | | 0 |
| 29 | Narrow-Line THz Absorption Spectra of Deoxycytidine and D-Glucose Films in Parallel Plate Waveguides. , 2007, , . | | 0 |
| 30 | High-Resolution Waveguide Terahertz Spectroscopy of Partially Oriented Organic Polycrystalline Films. Journal of Physical Chemistry A, 2007, 111, 10977-10987. | 1.1 | 45 |
| 31 | Broadband supercontinuum generation in a single potassium di-hydrogen phosphate (KDP) crystal achieved in tandem with sum frequency generation. Applied Physics B: Lasers and Optics, 2007, 86, 615-621. | 1.1 | 27 |
| 32 | Line narrowing of terahertz vibrational modes for organic thin polycrystalline films within a parallel plate waveguide. Applied Physics Letters, 2006, 89, 251110. | 1.5 | 75 |
| 33 | Nanoparticle-Embedded Polymer: In Situ Synthesis, Free-Standing Films with Highly Monodisperse Silver Nanoparticles and Optical Limiting. Chemistry of Materials, 2005, 17, 9-12. | 3.2 | 283 |
| 34 | Femtosecond supercontinuum generation in a quadratic nonlinear medium (KDP). Optics Express, 2005, 13, 3224. | 1.7 | 80 |