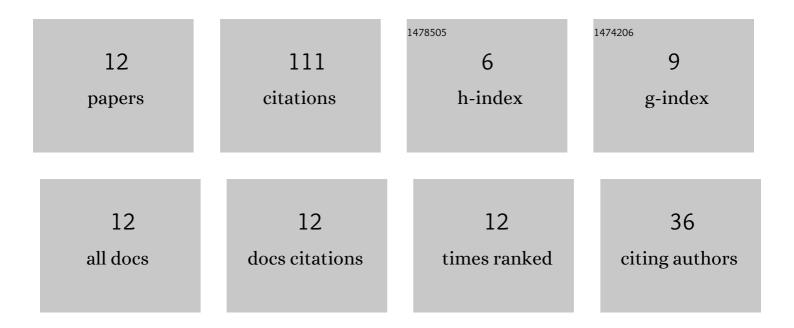
## Sreeprasad Ajithaprasad

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4065686/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Non-invasive precision metrology using diffraction phase microscopy and space-frequency method.<br>Optics and Lasers in Engineering, 2018, 109, 17-22.                 | 3.8 | 29        |
| 2  | Defect detection using windowed Fourier spectrum analysis in diffraction phase microscopy. Journal of Physics Communications, 2019, 3, 025006.                         | 1.2 | 20        |
| 3  | Step phase reconstruction using an anisotropic total variation regularization method in a diffraction phase microscopy. Applied Optics, 2019, 58, 7189.                | 1.8 | 13        |
| 4  | Dynamic noncontact surface profilometry using a fast eigenspace method in diffraction phase microscopy. Applied Optics, 2020, 59, 5796.                                | 1.8 | 11        |
| 5  | Fringe pattern normalization algorithm using Kalman filter. Results in Optics, 2021, 5, 100152.  | 2.0 | 10        |
| 6  | Automated defect identification from carrier fringe patterns using Wigner–Ville distribution and a<br>machine learning-based method. Applied Optics, 2021, 60, 4391.   | 1.8 | 9         |
| 7  | Wigner–Ville distribution based diffraction phase microscopy for non-destructive testing. Journal of<br>Modern Optics, 2019, 66, 1644-1651.                            | 1.3 | 8         |
| 8  | Graphics processing unit assisted diffraction phase microscopy for fast non-destructive metrology.<br>Measurement Science and Technology, 2019, 30, 125202.            | 2.6 | 6         |
| 9  | Demodulating interferograms with non-uniform amplitude variations for precision non-contact optical profilometry. Optics and Lasers in Engineering, 2020, 134, 106292. | 3.8 | 5         |
| 10 | Dynamic deformation analysis using diffraction phase microscopy and space-frequency analysis. , 2019, , .  |     | 0         |
| 11 | A GPU assisted space frequency method for dynamic defect detection in optical metrology. , 2019, , .   |     | 0         |
| 12 | Demodulation of fringe patterns corrupted by non uniform intensity variations in dynamics studies. ,<br>2020, , .  |     | 0         |