

Huaping Zang

List of Publications by Year in descending order

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19
papers

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933447

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19
times ranked

179
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Applications of the modified Rydberg antiblockade regime with simultaneous driving. Physical Review A, 2017, 96, . | 2.5 | 74 |
| 2 | Optically tunable all-silicon chiral metasurface in terahertz band. Applied Physics Letters, 2021, 118, . | 3.3 | 41 |
| 3 | Characterization of the focusing performance of axial line-focused spiral zone plates. Applied Optics, 2018, 57, 3802. | 1.8 | 29 |
| 4 | Fractal spiral zone plates. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 726. | 1.5 | 28 |
| 5 | Fine manipulation of terahertz waves via all-silicon metasurfaces with an independent amplitude and phase. Nanoscale, 2021, 13, 5809-5816. | 5.6 | 25 |
| 6 | All-silicon chiral metasurfaces and wavefront shaping assisted by interference. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1. | 5.1 | 18 |
| 7 | Optically Tunable Terahertz Metasurface Absorber. Annalen Der Physik, 2022, 534, . | 2.4 | 18 |
| 8 | Annulus-sector-element coded Gabor zone plate at the x-ray wavelength. Optics Express, 2011, 19, 21419. | 3.4 | 15 |
| 9 | Realizing a Gabor zone plate with quasi-random distributed hexagon dots. Optics Express, 2013, 21, 1473. | 3.4 | 12 |
| 10 | Realization of arbitrarily long focus-depth optical vortices with spiral area-varying zone plates. Optics Communications, 2018, 414, 128-133. | 2.1 | 12 |
| 11 | Fractal spiral zone plate with high-order harmonics suppression. Applied Optics, 2019, 58, 8680. | 1.8 | 11 |
| 12 | The realization of long focal depth with a linear varied-area zone plate. Journal of Modern Optics, 2017, 64, 244-250. | 1.3 | 9 |
| 13 | Multiple optical vortices generated by azimuthal fractal spiral zone plates based on liquid crystal spatial light modulator. Optik, 2018, 175, 344-350. | 2.9 | 9 |
| 14 | Dual-type fractal spiral zone plate for generating sequence of square optical vortices. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 893. | 1.5 | 9 |
| 15 | Composite Spiral Zone Plate. IEEE Photonics Journal, 2019, 11, 1-11. | 2.0 | 6 |
| 16 | Comparison of Single-Step and Two-Step EBL Tâ€Gates Fabrication Techniques for InPâ€Based HEMT. Chinese Journal of Electronics, 2016, 25, 199-202. | 1.5 | 3 |
| 17 | Focusing properties of spiral zone plate based on m-bonacci sequence. Optics Communications, 2021, 483, 126638. | 2.1 | 3 |
| 18 | Tâ€Gate Fabrication of InPâ€Based HEMTs Using PMGI/ZEP520A/PMGI/ZEP520A Stacked Resist. Chinese Journal of Electronics, 2016, 25, 448-452. | 1.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Single-focus phase singularity generated by spiral zone plate with quasi-random distributed quantum dots. Journal Physics D: Applied Physics, 0, , . | 2.8 | 2 |