

Yunlong Liao

List of Publications by Year in descending order

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10
papers

224
citations

1163117

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1372567

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docs citations

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times ranked

160
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nonlinear optical response, all optical switching, and all optical information conversion in NbSe ₂ nanosheets based on spatial self-phase modulation. <i>Nanoscale</i> , 2019, 11, 4515-4522. | 5.6 | 61 |
| 2 | A promising nonlinear optical material and its applications for all-optical switching and information converters based on the spatial self-phase modulation (SSPM) effect of TaSe ₂ nanosheets. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3811-3816. | 5.5 | 41 |
| 3 | Recent Advances in Spatial Self-Phase Modulation with 2D Materials and its Applications. <i>Annalen Der Physik</i> , 2020, 532, 2000322. | 2.4 | 32 |
| 4 | Enhancement of photonic spin Hall effect via bound states in the continuum. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 045401. | 2.8 | 23 |
| 5 | Liquid-Exfoliated Few-Layer InSe Nanosheets for Broadband Nonlinear All-Optical Applications. <i>Advanced Optical Materials</i> , 2020, 8, 1901862. | 7.3 | 20 |
| 6 | Liquid phase exfoliated boron nanosheets for all-optical modulation and logic gates. <i>Science Bulletin</i> , 2020, 65, 1030-1038. | 9.0 | 20 |
| 7 | All-optical applications for passive photonic devices of TaS ₂ nanosheets with strong Kerr nonlinearity. <i>Journal of Alloys and Compounds</i> , 2019, 806, 999-1007. | 5.5 | 9 |
| 8 | Sensitivity Improvement of Surface Plasmon Resonance Biosensors with GeS-Metal Layers. <i>Electronics (Switzerland)</i> , 2022, 11, 332. | 3.1 | 9 |
| 9 | Nonlinear absorption-induced transparency and extinction of boron nanosheets. <i>Optical Materials</i> , 2020, 108, 110199. | 3.6 | 6 |
| 10 | Broadband and Wide-Angle Performance of a Perfect Absorber Using a MIM Structure with 2D MXene. <i>Electronics (Switzerland)</i> , 2022, 11, 1370. | 3.1 | 3 |