# Skylar Deckoff-Jones

List of Publications by Year
in descending order



| 14 | 1,026 | 840776 | 1125743 |
|---|---|---|---|
| papers | citations | 11 h-index | 13 g-index |

| 15 | 15 | 15 | 1852 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Waveguide-integrated mid-infrared photodetection using graphene on a scalable chalcogenide glass platform. Nature Communications, 2022, 13, . | 12.8 | 12 |
| 2 | Multiâ€Level Electroâ€Thermal Switching of Optical Phaseâ€Change Materials Using Graphene. Advanced Photonics Research, 2021, 2, 2000034. | 3.6 | 75 |
| 3 | Enhancing SiN waveguide optical nonlinearity via hybrid GaS integration. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock | 2.2 | 6 |
| 4 | Electrically reconfigurable non-volatile metasurface using low-loss optical phase-change material. Nature Nanotechnology, 2021, 16, 661-666. | 31.5 | 298 |
| 5 | Tellurene: A Multifunctional Material for Midinfrared Optoelectronics. ACS Photonics, 2019, 6, 1632-1638. | 6.6 | 60 |
| 6 | Chalcogenide glass waveguide-integrated black phosphorus mid-infrared photodetectors. Journal of Optics (United Kingdom), 2018, 20, 044004. | 2.2 | 40 |
| 7 | Chalcogenide glass-on-graphene photonics. Nature Photonics, 2017, 11, 798-805. | 31.4 | 190 |
| 8 | Applicability of Femtosecond Lasers in the Cross-section Sampling of Works of Art. MRS Advances, 2017, 2, 1801-1804. | 0.9 | 0 |
| 9 | Similar ultrafast dynamics of several dissimilar Dirac and Weyl semimetals. Journal of Applied Physics, 2017, 122, . | 2.5 | 33 |
| 10 | Imaging the motion of electrons across semiconductor heterojunctions. Nature Nanotechnology, 2017, 12, 36-40. | 31.5 | 124 |
| 11 | Obtaining Cross-Sections of Paint Layers in Cultural Artifacts Using Femtosecond Pulsed Lasers. Materials, 2017, 10, 107. | 2.9 | 11 |
| 12 | Ultrafast Charge Transfer and Enhanced Absorption in MoS<sub>2</sub>â€“Organic van der Waals Heterojunctions Using Plasmonic Metasurfaces. ACS Nano, 2016, 10, 9899-9908. | 14.6 | 71 |
| 13 | Protecting the properties of monolayer MoS2 on silicon based substrates with an atomically thin buffer. Scientific Reports, 2016, 6, 20890. | 3.3 | 64 |
| 14 | Observing the interplay between surface and bulk optical nonlinearities in thin van der Waals crystals. Scientific Reports, 2016, 6, 22620. | 3.3 | 42 |