# Kaikai Du

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10532496/publications.pdf

Version: 2024-02-01

| 14 | 1,076 | 840119 11 | 1125271 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 1085 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Thermal camouflage based on the phase-changing material GST. Light: Science and Applications, 2018, 7, 26. | 7.7 | 255 |
| 2 | Dynamic Thermal Emission Control Based on Ultrathin Plasmonic Metamaterials Including Phaseâ€Changing Material GST. Laser and Photonics Reviews, 2017, 11, 1700091. | 4.4 | 180 |
| 3 | Broadband optical absorption based on single-sized metal-dielectric-metal plasmonic nanostructures with high-Ìµâ€³ metals. Applied Physics Letters, 2017, 110, . | 1.5 | 128 |
| 4 | An ultra-thin colored textile with simultaneous solar and passive heating abilities. Nano Energy, 2019, 65, 103998. | 8.2 | 103 |
| 5 | Spatially Resolved Dynamically Reconfigurable Multilevel Control of Thermal Emission. Laser and Photonics Reviews, 2020, 14, 1900162. | 4.4 | 103 |
| 6 | Spatially and Spectrally Resolved Narrowband Optical Absorber Based on 2D Grating Nanostructures on Metallic Films. Advanced Optical Materials, 2016, 4, 480-486. | 3.6 | 94 |
| 7 | Nearâ€Infrared Superâ€Absorbing Allâ€Dielectric Metasurface Based on Singleâ€Layer Germanium Nanostructures. Laser and Photonics Reviews, 2018, 12, 1800076. | 4.4 | 70 |
| 8 | Wavelength-tunable mid-infrared thermal emitters with a non-volatile phase changing material. Nanoscale, 2018, 10, 4415-4420. | 2.8 | 51 |
| 9 | Tunable narrowband mid-infrared thermal emitter with a bilayer cavity enhanced Tamm plasmon. Optics Letters, 2018, 43, 5230. | 1.7 | 34 |
| 10 | Nonvolatile tunable silicon-carbide-based midinfrared thermal emitter enabled by phase-changing materials. Optics Letters, 2018, 43, 1295. | 1.7 | 32 |
| 11 | Transmission enhancement based on strong interference in metal-semiconductor layered film for energy harvesting. Scientific Reports, 2016, 6, 29195. | 1.6 | 14 |
| 12 | Simultaneous single-peak and narrowband thermal emission enabled by hybrid metal-polar dielectric structures. Applied Physics Letters, 2019, 115, . | 1.5 | 11 |
| 13 | Narrowband Absorbers: Spatially and Spectrally Resolved Narrowband Optical Absorber Based on 2D Grating Nanostructures on Metallic Films (Advanced Optical Materials 3/2016). Advanced Optical Materials, 2016, 4, 488-488. | 3.6 | 1 |
| 14 | Spatial and dynamical multi-level control over thermal emission. , 2020, , . | | 0 |