

Hannah A Clevenson

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

459
citations

1163117
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1588992
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9
docs citations

9
times ranked

833
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Broadband magnetometry and temperature sensing with a light-trapping diamond waveguide. Nature Physics, 2015, 11, 393-397. | 16.7 | 204 |
| 2 | High-sensitivity spin-based electrometry with an ensemble of nitrogen-vacancy centers in diamond. Physical Review A, 2017, 95, . | 2.5 | 63 |
| 3 | Robust high-dynamic-range vector magnetometry with nitrogen-vacancy centers in diamond. Applied Physics Letters, 2018, 112, . | 3.3 | 62 |
| 4 | Generation of Ensembles of Individually Resolvable Nitrogen Vacancies Using Nanometer-Scale Apertures in Ultrahigh-Aspect Ratio Planar Implantation Masks. Nano Letters, 2015, 15, 1751-1758. | 9.1 | 44 |
| 5 | High sensitivity gas sensor based on high-Q suspended polymer photonic crystal nanocavity. Applied Physics Letters, 2014, 104, . | 3.3 | 35 |
| 6 | Incoherent light imaging using an optical phased array. Applied Physics Letters, 2020, 116, . | 3.3 | 20 |
| 7 | Polymer Photonic Crystal Nanocavity for Precision Strain Sensing. ACS Photonics, 2017, 4, 1591-1594. | 6.6 | 17 |
| 8 | On the Possibility of Miniature Diamond-Based Magnetometers Using Waveguide Geometries. Micromachines, 2018, 9, 276. | 2.9 | 14 |
| 9 | Point source localization with a planar optical phased array compressive sensor. , 2021, , . | | 0 |