# Noah Mendelson

List of Publications by Year
in descending order



| 18 | 952 | 567281 15 | 839539 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 18 | 18 | 18 | 864 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Coupling Spin Defects in a Layered Material to Nanoscale Plasmonic Cavities. Advanced Materials, 2022, 34, e2106046. | 21.0 | 34 |
| 2 | Rational Control on Quantum Emitter Formation in Carbon-Doped Monolayer Hexagonal Boron Nitride. ACS Applied Materials & Interfaces, 2022, 14, 3189-3198. | 8.0 | 9 |
| 3 | Room-temperature optically detected magnetic resonance of single defects in hexagonal boron nitride. Nature Communications, 2022, 13, 618. | 12.8 | 97 |
| 4 | Spin defects in hexagonal boron nitride for strain sensing on nanopillar arrays. Nanoscale, 2022, 14, 5239-5244. | 5.6 | 17 |
| 5 | Grain Dependent Growth of Bright Quantum Emitters in Hexagonal Boron Nitride. Advanced Optical Materials, 2021, 9, . | 7.3 | 13 |
| 6 | Identifying carbon as the source of visible single-photon emission from hexagonal boron nitride. Nature Materials, 2021, 20, 321-328. | 27.5 | 210 |
| 7 | Scalable and Deterministic Fabrication of Quantum Emitter Arrays from Hexagonal Boron Nitride. Nano Letters, 2021, 21, 3626-3632. | 9.1 | 42 |
| 8 | Tunable Fiberâ€Cavity Enhanced Photon Emission from Defect Centers in hBN. Advanced Optical Materials, 2021, 9, 2002218. | 7.3 | 27 |
| 9 | Direct Growth of Hexagonal Boron Nitride on Photonic Chips for High-Throughput Characterization. ACS Photonics, 2021, 8, 2033-2040. | 6.6 | 13 |
| 10 | Low-Temperature Electronâ€“Phonon Interaction of Quantum Emitters in Hexagonal Boron Nitride. ACS Photonics, 2020, 7, 1410-1417. | 6.6 | 30 |
| 11 | Coupling Hexagonal Boron Nitride Quantum Emitters to Photonic Crystal Cavities. ACS Nano, 2020, 14, 7085-7091. | 14.6 | 64 |
| 12 | Strainâ€Induced Modification of the Optical Characteristics of Quantum Emitters in Hexagonal Boron Nitride. Advanced Materials, 2020, 32, e1908316. | 21.0 | 72 |
| 13 | Purification of single-photon emission from hBN using post-processing treatments. Nanophotonics, 2019, 8, 2049-2055. | 6.0 | 35 |
| 14 | Integrated on Chip Platform with Quantum Emitters in Layered Materials. Advanced Optical Materials, 2019, 7, 1901132. | 7.3 | 49 |
| 15 | Engineering and Tuning of Quantum Emitters in Few-Layer Hexagonal Boron Nitride. ACS Nano, 2019, 13, 3132-3140. | 14.6 | 101 |
| 16 | Selective Defect Formation in Hexagonal Boron Nitride. Advanced Optical Materials, 2019, 7, 1900397. | 7.3 | 39 |
| 17 | Very Large and Reversible Stark-Shift Tuning of Single Emitters in Layered Hexagonal Boron Nitride. Physical Review Applied, 2019, 11, . | 3.8 | 48 |
| 18 | Direct measurement of quantum efficiency of single-photon emitters in hexagonal boron nitride. Optica, 2019, 6, 1084. | 9.3 | 52 |