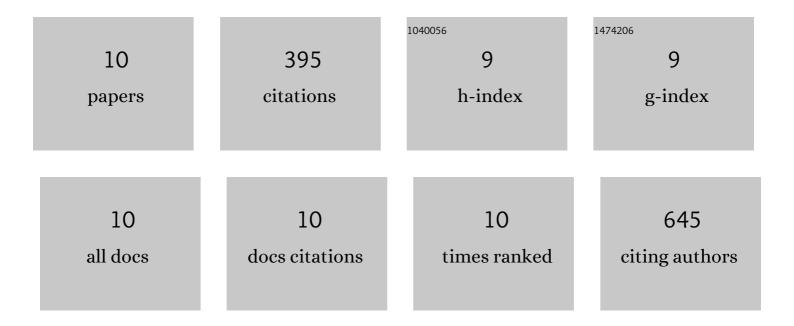
James Semple

List of Publications by Year in descending order

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IMMES SEMPLE

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Sub-15-nm patterning of asymmetric metal electrodes and devices by adhesion lithography. Nature Communications, 2014, 5, 3933. | 12.8 | 77 |
| 2 | Flexible diodes for radio frequency (RF) electronics: a materials perspective. Semiconductor Science and Technology, 2017, 32, 123002. | 2.0 | 64 |
| 3 | Radio Frequency Coplanar ZnO Schottky Nanodiodes Processed from Solution on Plastic Substrates. Small, 2016, 12, 1993-2000. | 10.0 | 48 |
| 4 | 100 GHz zinc oxide Schottky diodes processed from solution on a wafer scale. Nature Electronics, 2020, 3, 718-725. | 26.0 | 45 |
| 5 | Analysis of Schottky Contact Formation in Coplanar Au/ZnO/Al Nanogap Radio Frequency Diodes Processed from Solution at Low Temperature. ACS Applied Materials & Interfaces, 2016, 8, 23167-23174. | 8.0 | 43 |
| 6 | Signatures of Quantized Energy States in Solutionâ€Processed Ultrathin Layers of Metalâ€Oxide Semiconductors and Their Devices. Advanced Functional Materials, 2015, 25, 1727-1736. | 14.9 | 36 |
| 7 | Deep Ultraviolet Copper(I) Thiocyanate (CuSCN) Photodetectors Based on Coplanar Nanogap Electrodes Fabricated via Adhesion Lithography. ACS Applied Materials & Interfaces, 2017, 9, 41965-41972. | 8.0 | 31 |
| 8 | Large-area plastic nanogap electronics enabled by adhesion lithography. Npj Flexible Electronics, 2018, 2, . | 10.7 | 29 |
| 9 | Semiconductor-Free Nonvolatile Resistive Switching Memory Devices Based on Metal Nanogaps Fabricated on Flexible Substrates via Adhesion Lithography. IEEE Transactions on Electron Devices, 2017, 64, 1973-1980. | 3.0 | 20 |
| 10 | Adhesion lithography for fabrication of printed radio-frequency diodes. SPIE Newsroom, 0, , . | 0.1 | 2 |