

Heorhii Bohuslavskyyi

List of Publications by Year in descending order

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8
papers

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Homemade-HEMT-based transimpedance amplifier for high-resolution shot-noise measurements. Review of Scientific Instruments, 2021, 92, 124712. | 1.3 | 2 |
| 2 | Cryogenic Subthreshold Swing Saturation in FD-SOI MOSFETs Described With Band Broadening. IEEE Electron Device Letters, 2019, 40, 784-787. | 3.9 | 83 |
| 3 | Characterization and modeling of 28-nm FDSOI CMOS technology down to cryogenic temperatures. Solid-State Electronics, 2019, 159, 106-115. | 1.4 | 76 |
| 4 | Electrical Spin Driving by $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Matrix Modulation in Spin-Orbit Qubits. Physical Review Letters, 2018, 120, 137702. | 7.8 | 92 |
| 5 | Electrically driven electron spin resonance mediated by spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{valley} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ orbit coupling in a silicon quantum dot. Npj Quantum Information, 2018, 4, . | 6.7 | 77 |
| 6 | All-Electrical Control of a Hybrid Electron Spin/Valley Quantum Bit in SOI CMOS Technology. IEEE Transactions on Electron Devices, 2018, 65, 5151-5156. | 3.0 | 13 |
| 7 | Level Spectrum and Charge Relaxation in a Silicon Double Quantum Dot Probed by Dual-Gate Reflectometry. Nano Letters, 2017, 17, 1001-1006. | 9.1 | 18 |
| 8 | Development of a CMOS Route for Electron Pumps to Be Used in Quantum Metrology. Technologies, 2016, 4, 10. | 5.1 | 6 |