

Jorge Puebla

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

769
citations

623188

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642321

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24
docs citations

24
times ranked

1041
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Interaction between surface acoustic waves and spin waves in a ferromagnetic thin film. Journal of Magnetism and Magnetic Materials, 2022, 545, 168672. | 1.0 | 11 |
| 2 | Progress in Spinconversion and its Connection with Band Crossing. Annalen Der Physik, 2022, 534, . | 0.9 | 6 |
| 3 | Perspectives on spintronics with surface acoustic waves. Applied Physics Letters, 2022, 120, . | 1.5 | 24 |
| 4 | Giant effective Zeeman splitting in a monolayer semiconductor realized by spin-selective strong light-matter coupling. Nature Photonics, 2022, 16, 632-636. | 15.6 | 14 |
| 5 | Non-reciprocal Pumping of Surface Acoustic Waves by Spin Wave Resonance. Journal of the Physical Society of Japan, 2020, 89, 113702. | 0.7 | 14 |
| 6 | Nonreciprocal surface acoustic wave propagation via magneto-rotation coupling. Science Advances, 2020, 6, eabb1724. | 4.7 | 91 |
| 7 | Spintronic devices for energy-efficient data storage and energy harvesting. Communications Materials, 2020, 1, . | 2.9 | 125 |
| 8 | Enhancement of acoustic spin pumping by acoustic distributed Bragg reflector cavity. Applied Physics Letters, 2020, 116, . | 1.5 | 14 |
| 9 | Acoustic ferromagnetic resonance and spin pumping induced by surface acoustic waves. Journal Physics D: Applied Physics, 2020, 53, 264002. | 1.3 | 34 |
| 10 | Photoinduced Rashba Spin-to-Charge Conversion via an Interfacial Unoccupied State. Physical Review Letters, 2019, 122, 256401. | 2.9 | 19 |
| 11 | Two-dimensional electron gas in a metal/amorphous oxide interface with spin-orbit interaction. Physical Review B, 2019, 100, . | 1.1 | 2 |
| 12 | Spin accumulation at nonmagnetic interface induced by direct Rashba-Edelstein effect. Journal of Materials Science: Materials in Electronics, 2018, 29, 15664-15670. | 1.1 | 7 |
| 13 | Hybrid Systems for the Generation of Nonclassical Mechanical States via Quadratic Interactions. Physical Review Letters, 2018, 121, 123604. | 2.9 | 50 |
| 14 | Inverse Edelstein effect induced by magnon-phonon coupling. Physical Review B, 2018, 97, . | 1.1 | 55 |
| 15 | Direct optical observation of spin accumulation at nonmagnetic metal/oxide interface. Applied Physics Letters, 2017, 111, 092402. | 1.5 | 26 |
| 16 | Metalorganic vapor phase epitaxy growth, transmission electron microscopy, and magneto-optical spectroscopy of individual $\text{InAs}_{1-x}\text{P}_x/\text{Ga}_{0.5}\text{In}_{0.5}\text{P}$ quantum dots. Physical Review Materials, 2017, 1, . | 0.9 | 1 |
| 17 | Scanning Probe Microscopy in an Ultra-Low Vibration Closed-Cycle Cryostat: Skyrmion Lattice Detection and Tuning Fork Implementation. Microscopy Today, 2015, 23, 12-17. | 0.2 | 21 |
| 18 | Dynamic nuclear polarization in $\text{InGaAs}/\text{GaAs}$ and $\text{GaAs}/\text{AlGaAs}$ quantum dots under nonresonant ultralow-power optical excitation. Physical Review B, 2013, 88, . | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Fast preparation of a single-hole spin in an InAs/GaAs quantum dot in a Voigt-geometry magnetic field. Physical Review B, 2012, 85, . | 1.1 | 34 |
| 20 | Coherent Optical Control of the Spin of a Single Hole in an InAs/GaAs Quantum Dot. Physical Review Letters, 2012, 108, 017402. | 2.9 | 96 |
| 21 | Structural analysis of strained quantum dots using nuclear magnetic resonance. Nature Nanotechnology, 2012, 7, 646-650. | 15.6 | 65 |
| 22 | Effect of a GaAsP Shell on the Optical Properties of Self-Catalyzed GaAs Nanowires Grown on Silicon. Nano Letters, 2012, 12, 5269-5274. | 4.5 | 31 |
| 23 | Charge control in $\text{InP}/(\text{Ga},\text{In})\text{P}$ single quantum dots embedded in Schottky diodes. Physical Review B, 2011, 84, . | 1.1 | 13 |