

Jorge Puebla

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4485388/publications.pdf>

Version: 2024-02-01

23
papers

769
citations

623188

14
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1041
citing authors

#	ARTICLE	IF	CITATIONS
1	Spintronic devices for energy-efficient data storage and energy harvesting. Communications Materials, 2020, 1, .	2.9	125
2	Coherent Optical Control of the Spin of a Single Hole in an InAs Quantum Dot. Physical Review Letters, 2012, 108, 017402.	2.9	96
3	Nonreciprocal surface acoustic wave propagation via magneto-rotation coupling. Science Advances, 2020, 6, eabb1724.	4.7	91
4	Structural analysis of strained quantum dots using nuclear magnetic resonance. Nature Nanotechnology, 2012, 7, 646-650.	15.6	65
5	Inverse Edelstein effect induced by magnon-phonon coupling. Physical Review B, 2018, 97, .	1.1	55
6	Hybrid Systems for the Generation of Nonclassical Mechanical States via Quadratic Interactions. Physical Review Letters, 2018, 121, 123604.	2.9	50
7	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
8	Acoustic ferromagnetic resonance and spin pumping induced by surface acoustic waves. Journal Physics D: Applied Physics, 2020, 53, 264002.	1.3	34
9	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
10	Direct optical observation of spin accumulation at nonmagnetic metal/oxide interface. Applied Physics Letters, 2017, 111, 092402.	1.5	26
11	Perspectives on spintronics with surface acoustic waves. Applied Physics Letters, 2022, 120, .	1.5	24
12	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
13	Photoinduced Rashba Spin-to-Charge Conversion via an Interfacial Unoccupied State. Physical Review Letters, 2019, 122, 256401.	2.9	19
14	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
15	Non-reciprocal Pumping of Surface Acoustic Waves by Spin Wave Resonance. Journal of the Physical Society of Japan, 2020, 89, 113702.	0.7	14
16	Enhancement of acoustic spin pumping by acoustic distributed Bragg reflector cavity. Applied Physics Letters, 2020, 116, .	1.5	14
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Progress in Spinconversion and its Connection with Band Crossing. Annalen Der Physik, 2022, 534, .	0.9	6
22	Two-dimensional electron gas in a metal/amorphous oxide interface with spin-orbit interaction. Physical Review B, 2019, 100, .	1.1	2
23	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