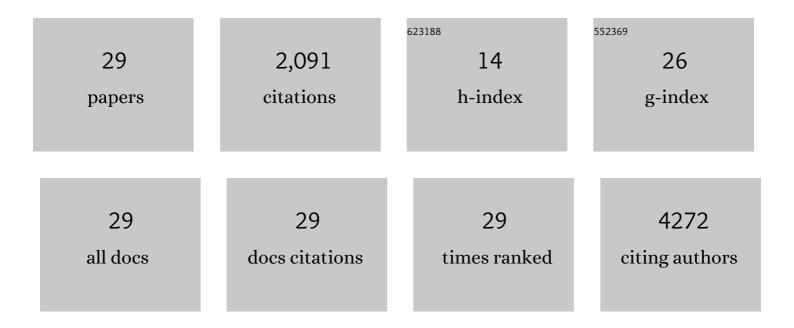
Jhon W GonzÃ;lez

List of Publications by Year in descending order

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HON W CONZÃUEZ

#	Article	IF	CITATIONS
1	Metallic carbon nanotube quantum dots with broken symmetries as a platform for tunable terahertz detection. Applied Physics Reviews, 2021, 8, .	5.5	5
2	Strain-controlled thermoelectric properties of phosphorene-carbon monosulfide hetero-bilayers. Journal of Physics Condensed Matter, 2021, 34, .	0.7	0
3	Complete reversal of the atomic unquenched orbital moment by a single electron. Npj Quantum Materials, 2020, 5, .	1.8	11
4	Strain-induced phase transition in Crl ₃ bilayers. 2D Materials, 2020, 7, 035008.	2.0	45
5	Highly anisotropic thermoelectric properties of carbon sulfide monolayers. Journal of Physics Condensed Matter, 2019, 31, 125501.	0.7	4
6	Out-of-plane magnetic anisotropy energy in the Ni ₃ Bz ₃ molecule. Physical Chemistry Chemical Physics, 2019, 21, 5305-5311.	1.3	0
7	Self-assembled triangular graphene nanostructures: Evidence of dual electronic response. Carbon, 2019, 142, 580-591.	5.4	4
8	Stacking change in MoS2 bilayers induced by interstitial Mo impurities. Scientific Reports, 2018, 8, 2143.	1.6	18
9	Complex magnetic orders in small cobalt–benzene molecules. Physical Chemistry Chemical Physics, 2017, 19, 14854-14860.	1.3	6
10	Tuning the Fermi velocity in Dirac materials with an electric field. Scientific Reports, 2017, 7, 8058.	1.6	43
11	Ultrashort Mn–Mn Bonds in Organometallic Complexes. Journal of Physical Chemistry C, 2017, 121, 25554-25560.	1.5	6
12	Stable carbon monosulfide nanostructures: Chain arrays and monolayers. Physical Review Materials, 2017, 1, .	0.9	7
13	Electron confinement induced by diluted hydrogen-like ad-atoms in graphene ribbons. Physical Chemistry Chemical Physics, 2015, 17, 24707-24715.	1.3	7
14	Quantum Hall effect in gapped graphene heterojunctions. Physical Review B, 2013, 88, .	1.1	17
15	Transport properties of two finite armchair graphene nanoribbons. Nanoscale Research Letters, 2013, 8, 1.	3.1	1,160
16	Graphene single-electron transistor as a spin sensor for magnetic adsorbates. Physical Review B, 2013, 87, .	1.1	18
17	Dynamic and Electronic Transport Properties of DNA Translocation through Graphene Nanopores. Nano Letters, 2013, 13, 1969-1976.	4.5	115
18	Large spin splitting in the conduction band of transition metal dichalcogenide monolayers. Physical Review B, 2013, 88, .	1.1	341

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#	Article	IF	CITATIONS
19	Electronic transport of folded graphene nanoribbons. Solid State Communications, 2012, 152, 1400-1403.	0.9	9
20	Impurity states in the quantum spin Hall phase in graphene. Physical Review B, 2012, 86, .	1.1	16
21	Electron Transmission through Graphene Bilayer Flakes. Acta Physica Polonica A, 2012, 122, 299-303.	0.2	31
22	Transport properties of graphene quantum dots. Physical Review B, 2011, 83, .	1.1	37
23	Gate-controlled conductance through bilayer graphene ribbons. Physical Review B, 2011, 83, .	1.1	31
24	Bound states in the continuum in graphene quantum dot structures. Europhysics Letters, 2010, 91, 66001.	0.7	46
25	Electronic transport through bilayer graphene flakes. Physical Review B, 2010, 81, .	1.1	97
26	Resonant states in heterostructures of graphene nanoribbons. Physica B: Condensed Matter, 2009, 404, 2773-2776.	1.3	8
27	Impurity-related optical properties in rectangular-transverse section GaAs–Ga1–xAlxAs quantum well wires: Hydrostatic pressure and electric field effects. Physica Status Solidi (B): Basic Research, 2007, 244, 70-75.	0.7	4
28	Hydrostatic pressure and electric-field effects on the shallow donor impurity states in GaAs-Ga0.7Al0.3As quantum-well wires. Brazilian Journal of Physics, 2006, 36, 944-947.	0.7	5
29	Transport in graphene nanoribbon-based systems. , 0, , .		Ο