Carlos Ramirez

List of Publications by Year
in descending order

		1683934	1588896
14 papers	63 citations	5 h-index	8 g-index
14 all docs	14 docs citations	14 times ranked	27 citing authors

#	Article	IF	Citations
1	Taylor series of Landauer conductance. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 124, 114213.	1.3	2
2	Solving Schrödinger Equation with Scattering Matrices. Bound States of Lennard-Jones Potential. Journal of the Physical Society of Japan, 2019, 88, 094002.	0.7	9
3	Determining Transport Properties of Complex Multiterminal Systems: S‑Matrix of General Tight‑Binding Periodic Leads. Annalen Der Physik, 2018, 530, 1700170.	0.9	4
4	Scattering Matrix of the One-Dimensional Schrödinger Equation with Arbitrary Potential. Journal of the Physical Society of Japan, 2017, 86, 114002.	0.7	7
5	Non-perturbative analysis of impurity effects on the Kubo conductivity of nano to macroscopic structures. MRS Advances, 2016, 1, 1779-1784.	0.5	1
6	Ballistic conduction in macroscopic non‑periodic lattices. Physica Status Solidi (B): Basic Research, 2015, 252, 1370-1381.	0.7	9
7	Analytical determination of the Cooper pair condensation using linearized solutions of the BCS Hamiltonian. Solid State Communications, 2015, 221, 1-4.	0.9	0
8	Bose–Einstein Condensation of Collective Electron Pairs. Journal of Low Temperature Physics, 2014, 175, 295-304.	0.6	3
9	Non-perturbative study of impurity effects on the Kubo conductivity in macroscopic periodic and quasiperiodic lattices. Physica B: Condensed Matter, 2014, 449, 121-128.	1.3	5
10	Kubo conductivity of macroscopic systems with Fano defects for periodic and quasiperiodic cases by means of renormalization methods in real space. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2431-2438.	0.8	5
11	Towards a theory of superconductivity based on collective Cooper pairs. Journal of Physics and Chemistry of Solids, 2011, 72, 395-397.	1.9	2
12	Bosonic nature of collective Cooper pairs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 269-271.	0.9	4
13	Ellipsometry and ab initio approaches to the refractive index of porous silicon. Journal of Physics Condensed Matter, 2007, 19, 395010.	0.7	11
14	Bound States In and Out of the Continuum in Nanoribbons with Wider Sections: A Novel Algorithm based on the Recursive S‑Matrix Method. Annalen Der Physik, 0, , 2200116.	0.9	1