

# Carlos Rincon

## List of Publications by Year in descending order

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13  
papers

263  
citations

1307594

7  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the band gap anomaly in Iâ€“IIIâ€“VI <sub>2</sub> , Iâ€“IIIâ€“VI <sub>5</sub> , and Iâ€“IIIâ€“VI <sub>8</sub> families of Cu ternaries. Applied Physics Letters, 2000, 77, 94-96.	3.3	66
2	X-ray diffraction, Raman spectrum and magnetic susceptibility of the magnetic semiconductor Cu <sub>2</sub> FeSnS <sub>4</sub> . Solid State Communications, 2011, 151, 947-951.	1.9	53
3	Scattering of the charge carriers by ordered arrays of defect pairs in ternary chalcopyrite semiconductors. Applied Physics Letters, 2002, 80, 998-1000.	3.3	41
4	Effect of ordered arrays of native defects on the crystal structure of In- and Ga-rich Cu-ternaries. Applied Physics Letters, 2003, 83, 1328-1330.	3.3	35
5	Raman spectra of Cu <sub>2</sub> BII CIVX <sub>4</sub> VI magnetic quaternary semiconductor compounds with tetragonal stannite type structure. Journal of Applied Physics, 2015, 117, .	2.5	20
6	Structural characterization and optical absorption spectrum of Cu <sub>3</sub> In <sub>5</sub> Te <sub>9</sub> ordered defect semiconducting compound. Materials Letters, 2017, 186, 155-157.	2.6	12
7	On the effect of structural disorders on the Urbachâ€™s tails of ternary chalcopyrite semiconductors and related ordered defect compounds. Journal of Applied Physics, 2020, 127, .	2.5	11
8	Raman spectrum of Cu <sub>2</sub> CdSnSe <sub>4</sub> stannite structure semiconductor compound. Superlattices and Microstructures, 2015, 88, 99-103.	3.1	7
9	Temperature Dependence of Raman Spectra in Cu <sub>2</sub> FeSnS <sub>4</sub> Magnetic Semiconductor Compound. Physica Status Solidi (B): Basic Research, 2019, 256, 1900076.	1.5	5
10	Raman spectra study on Cu <sub>2</sub> MnGeS <sub>4</sub> magnetic quaternary semiconductor with orthorhombic wurtzâ€“stannite crystal structure. Physica Status Solidi (B): Basic Research, 2016, 253, 335-339.	1.5	4
11	Structural characterization of the highâ€“temperature modification of the Cu <sub>2</sub> ZnGeTe <sub>4</sub> quaternary semiconductor compound. Physica Status Solidi (B): Basic Research, 2016, 253, 1195-1201.	1.5	4
12	Evidence of a new ordered vacancy crystal structure in the compound Cu <sub>3</sub> In <sub>7</sub> Te <sub>12</sub> . Revista Materia, 2019, 24, .	0.2	3
13	Structural Characterization, Optical Absorption and Electrical Conduction in Ordered Defect Compound Cu <sub>3</sub> In <sub>5</sub> Se <sub>9</sub> of the Ternary Cu-In-Se Semiconductor System. Journal of Electronic Materials, 2020, 49, 419-428.	2.2	2