

Cecilia Goyenola

List of Publications by Year in descending order

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15
papers

611
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932766

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1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of graphene nanoribbons. Journal of Physics Condensed Matter, 2009, 21, 285304.	0.7	158
2	Electronic and Structural Distortions in Graphene Induced by Carbon Vacancies and Boron Doping. Journal of Physical Chemistry C, 2010, 114, 18961-18971.	1.5	148
3	Fullerene-like CS _x : A first-principles study of synthetic growth. Chemical Physics Letters, 2011, 506, 86-91.	1.2	46
4	CF : A first-principles study of structural patterns arising during synthetic growth. Chemical Physics Letters, 2011, 516, 62-67.	1.2	44
5	CF _x thin solid films deposited by high power impulse magnetron sputtering: Synthesis and characterization. Surface and Coatings Technology, 2011, 206, 646-653.	2.2	43
6	Structural Patterns Arising during Synthetic Growth of Fullerene-Like Sulfocarbide. Journal of Physical Chemistry C, 2012, 116, 21124-21131.	1.5	41
7	Carbon Fluoride, CF _x : Structural Diversity as Predicted by First Principles. Journal of Physical Chemistry C, 2014, 118, 6514-6521.	1.5	41
8	SiN _x Coatings Deposited by Reactive High Power Impulse Magnetron Sputtering: Process Parameters Influencing the Nitrogen Content. ACS Applied Materials & Interfaces, 2016, 8, 20385-20395.	4.0	28
9	Reactive high power impulse magnetron sputtering of CF _x thin films in mixed Ar/CF ₄ and Ar/C ₄ F ₈ discharges. Thin Solid Films, 2013, 542, 21-30.	0.8	17
10	Reactive sputtering of CS _x thin solid films using CS ₂ as precursor. Vacuum, 2020, 182, 109775.	1.6	13
11	The Effect of N, C, Cr, and Nb Content on Silicon Nitride Coatings for Joint Applications. Materials, 2020, 13, 1896.	1.3	10
12	Synthesis and properties of CS _x F _y thin films deposited by reactive magnetron sputtering in an Ar/SF ₆ discharge. Journal of Physics Condensed Matter, 2017, 29, 195701.	0.7	9
13	Theoretical Prediction and Synthesis of CS _x F _y Thin Films. Journal of Physical Chemistry C, 2016, 120, 9527-9534.	1.5	6
14	Tetrakis[1/4-2-(3-phenoxyphenyl)propionato-2-O]bis[(dimethylformamide- ¹⁶ O)copper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1612-m1613.	0.2	3
15	Mechanical and Electronic Properties of Graphene Nanostructures. , 2011, , .		3