Cecilia Goyenola

List of Publications by Year
in descending order

15	611	932766	1058022
papers	citations	10 h-index	14 g-index

16	16	16	1046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive sputtering of CSx thin solid films using CS2 as precursor. Vacuum, 2020, 182, 109775.	1.6	13
2	The Effect of N, C, Cr, and Nb Content on Silicon Nitride Coatings for Joint Applications. Materials, 2020, 13, 1896.	1.3	10
3	Synthesis and properties of CS_xF_ythin films deposited by reactive magnetron sputtering in an Ar/SF₆discharge. Journal of Physics Condensed Matter, 2017, 29, 195701.	0.7	9
4	Theoretical Prediction and Synthesis of CS_xF_y Thin Films. Journal of Physical Chemistry C, 2016, 120, 9527-9534.	1.5	6
5	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
6	Carbon Fluoride, CF_x: Structural Diversity as Predicted by First Principles. Journal of Physical Chemistry C, 2014, 118, 6514-6521.	1.5	41
7	Reactive high power impulse magnetron sputtering of CFx thin films in mixed Ar/CF4 and Ar/C4F8 discharges. Thin Solid Films, 2013, 542, 21-30.	0.8	17
8	Structural Patterns Arising during Synthetic Growth of Fullerene-Like Sulfocarbide. Journal of Physical Chemistry C, 2012, 116, 21124-21131.	1.5	41
9	Mechanical and Electronic Properties of Graphene Nanostructures. , 2011, , .		3
10	CFx thin solid films deposited by high power impulse magnetron sputtering: Synthesis and characterization. Surface and Coatings Technology, 2011, 206, 646-653.	2.2	43
11	CF : A first-principles study of structural patterns arising during synthetic growth. Chemical Physics Letters, 2011, 516, 62-67.	1.2	44
12	Fullerene-like CSx: A first-principles study of synthetic growth. Chemical Physics Letters, 2011, 506, 86-91.	1.2	46
13	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
14	Mechanical properties of graphene nanoribbons. Journal of Physics Condensed Matter, 2009, 21, 285304.	0.7	158
15	Tetrakis[Î¼-2-(3-phenoxyphenyl)propionato-Îº2O:Oâ€²]bis[(dimethylformamide-ÎºO)copper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1612-m1613.	0.2	3