

Carlo Ottaviani

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,260
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1426
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of graphene-like electronic signature in silicene nanoribbons. Applied Physics Letters, 2010, 96, .	3.3	555
2	Evidence of Dirac fermions in multilayer silicene. Applied Physics Letters, 2013, 102, .	3.3	180
3	24 h stability of thick multilayer silicene in air. 2D Materials, 2014, 1, 021003.	4.4	122
4	1D graphene-like silicon systems: silicene nano-ribbons. Journal of Physics Condensed Matter, 2012, 24, 223001.	1.8	63
5	Silicon Nanosheets: Crossover between Multilayer Silicene and Diamond-like Growth Regime. ACS Nano, 2017, 11, 3376-3382.	14.6	61
6	Electronic evidence of asymmetry in the Si(111)3 $\sqrt{3}$ \times 3 $\sqrt{3}$ -Ag structure. Physical Review B, 2003, 68, .	3.2	59
7	The quasiparticle band dispersion in epitaxial multilayer silicene. Journal of Physics Condensed Matter, 2013, 25, 382202.	1.8	55
8	Multilayer silicene: clear evidence. 2D Materials, 2016, 3, 031011.	4.4	41
9	Synthesis of Multilayer Silicene on Si(111) $\sqrt{3}$ \times $\sqrt{3}$ -Ag. Journal of Physical Chemistry C, 2017, 121, 27182-27190.	3.1	34
10	Low temperature STM/STS study of silicon nanowires grown on the Ag(110) surface. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2716-2719.	0.8	33
11	MoO ₃ films grown on polycrystalline Cu: Morphological, structural, and electronic properties. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	2.1	15
12	New Findings on Multilayer Silicene on Si(111) $\sqrt{3}$ \times $\sqrt{3}$ -Ag Template. Materials, 2019, 12, 2258.	2.9	14
13	Mn-silicide nanostructures aligned on massively parallel silicon nano-ribbons. Journal of Physics Condensed Matter, 2013, 25, 014009.	1.8	10
14	Structural features of selected protic ionic liquids based on a super-strong base. Physical Chemistry Chemical Physics, 2019, 21, 25369-25378.	2.8	6
15	Evidence of sp ² -like Hybridization of Silicon Valence Orbitals in Thin and Thick Si Grown on $\sqrt{3}$ \times $\sqrt{3}$ -Phase Si(111) $\sqrt{3}$ \times $\sqrt{3}$ -Bi. Materials, 2022, 15, 1730.	2.9	4
16	Cu Nano-Roses Self-Assembly from Allium cepa, L., Pyrolysis by Green Synthesis of C Nanostructures. Applied Sciences (Switzerland), 2020, 10, 3819.	2.5	3
17	Elemental Two-Dimensional Materials Beyond Graphene. ChemistrySelect, 2017, 2, .	1.5	0
18	Si Nanoribbons: From 1D to 3D Nanostructures. Nanoscience and Technology, 2018, , 115-127.	1.5	0