

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