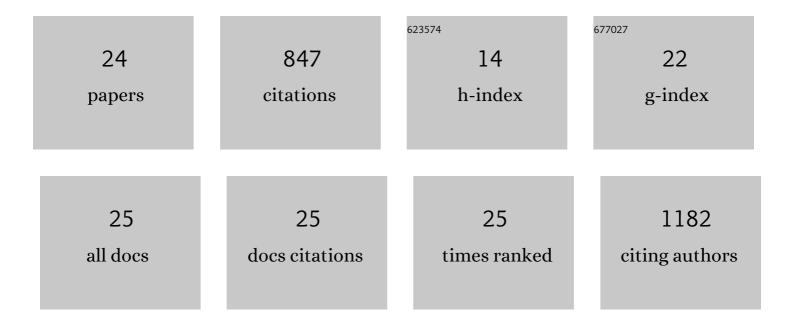
## Federico Panciera

List of Publications by Year in descending order

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FEDERICO PANCIERA

#	Article	IF	CITATIONS
1	Statistics of Nucleation and Growth of Single Monolayers in Nanowires: Towards a Deterministic Regime. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	1.2	8
2	Regulated Dynamics with Two Monolayer Steps in Vapor–Solid–Solid Growth of Nanowires. ACS Nano, 2022, 16, 4397-4407.	7.3	5
3	Band-Gap Landscape Engineering in Large-Scale 2D Semiconductor van der Waals Heterostructures. ACS Nano, 2021, 15, 7279-7289.	7.3	28
4	Nucleation and lateral growth kinetics of the NiSi phase at the epitaxial Î,-Ni2Si/Si interface. Acta Materialia, 2020, 198, 100-110.	3.8	7
5	Phase Selection in Self-catalyzed GaAs Nanowires. Nano Letters, 2020, 20, 1669-1675.	4.5	83
6	In situ TEM modification of individual silicon nanowires and their charge transport mechanisms. Nanotechnology, 2020, 31, 494002.	1.3	3
7	Growth Dynamics of Gallium Nanodroplets Driven by Thermally Activated Surface Diffusion. Journal of Physical Chemistry Letters, 2019, 10, 5082-5089.	2.1	3
8	Selective Wet Etching of Silicon Germanium in Composite Vertical Nanowires. ACS Applied Materials & Interfaces, 2019, 11, 36839-36846.	4.0	24
9	Surface Crystallization of Liquid Au–Si and Its Impact on Catalysis. Advanced Materials, 2019, 31, 1806544.	11.1	23
10	Atomic Step Flow on a Nanofacet. Physical Review Letters, 2018, 121, 166101.	2.9	113
11	Growth Dynamics of Ga Nanodroplets on 2D Substrate. Microscopy and Microanalysis, 2018, 24, 264-265.	0.2	0
12	Controlling nanowire growth through electric field-induced deformation of the catalyst droplet. Nature Communications, 2016, 7, 12271.	5.8	49
13	Interface dynamics and crystal phase switching in GaAs nanowires. Nature, 2016, 531, 317-322.	13.7	272
14	Nanowire growth kinetics in aberration corrected environmental transmission electron microscopy. Chemical Communications, 2016, 52, 5686-5689.	2.2	20
15	Synthesis of nanostructures in nanowires using sequential catalyst reactions. Nature Materials, 2015, 14, 820-825.	13.3	82
16	Creating New VLS Silicon Nanowire Contact Geometries by Controlling Catalyst Migration. Nano Letters, 2015, 15, 6535-6541.	4.5	16
17	Ni(Pt)-silicide contacts on CMOS devices: Impact of substrate nature and Pt concentration on the phase formation. Microelectronic Engineering, 2014, 120, 34-40.	1.1	10
18	Direct epitaxial growth of Î,-Ni2Si by reaction of a thin Ni(10at.% Pt) film with Si(100) substrate. Scripta Materialia, 2014, 78-79, 9-12.	2.6	22

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#	Article	IF	CITATIONS
19	Atom probe tomography for advanced metallization. Microelectronic Engineering, 2014, 120, 19-33.	1.1	18
20	Atom probe tomography of SRAM transistors: Specimen preparation methods and analysis. Microelectronic Engineering, 2013, 107, 167-172.	1.1	23
21	Pt redistribution in N-MOS transistors during Ni salicide process. Microelectronic Engineering, 2013, 107, 173-177.	1.1	15
22	Three-dimensional distribution of Al in high- <i>k</i> metal gate: Impact on transistor voltage threshold. Applied Physics Letters, 2012, 100, .	1.5	12
23	Evaluation and modeling of lanthanum diffusion in TiN/La2O3/HfSiON/SiO2/Si high-k stacks. Applied Physics Letters, 2012, 101, 182901.	1.5	11
24	Growthâ€Related Formation Mechanism of I3â€īype Basal Stacking Fault in Epitaxially Grown Hexagonal Geâ€2H. Advanced Materials Interfaces, 0, , 2102340.	1.9	0