

Francesca Cavallo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8377259/publications.pdf>

Version: 2024-02-01

12
papers

276
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconductors turn soft: inorganic nanomembranes. <i>Soft Matter</i> , 2010, 6, 439-455.	2.7	121
2	Nanomechanical architecture of semiconductor nanomembranes. <i>Nanoscale</i> , 2011, 3, 96-120.	5.6	79
3	Neurite Guidance and Three-Dimensional Confinement <i>via</i> Compliant Semiconductor Scaffolds. <i>ACS Nano</i> , 2014, 8, 12219-12227.	14.6	19
4	“Soft Si” Effective Stiffness of Supported Crystalline Nanomembranes. <i>ACS Nano</i> , 2011, 5, 5400-5407.	14.6	18
5	Antimonide-based membranes synthesis integration and strain engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1-E8.	7.1	15
6	Self-Winding Helices as Slow-Wave Structures for Sub-Millimeter Traveling-Wave Tubes. <i>ACS Nano</i> , 2021, 15, 1229-1239.	14.6	12
7	Electronic Transport in Hydrogen-Terminated Si(001) Nanomembranes. <i>Physical Review Applied</i> , 2018, 9, .	3.8	4
8	Reconfiguration of Amorphous Complex Oxides: A Route to a Broad Range of Assembly Phenomena, Hybrid Materials, and Novel Functionalities. <i>Small</i> , 2022, 18, e2105424.	10.0	4
9	Modeling of Self-Winding Helices for Sub-Millimeter Traveling Wave Tube Amplifiers. , 2021, , .		2
10	Single-Cell Response to the Rigidity of Semiconductor Nanomembranes on Compliant Substrates. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10697-10705.	8.0	1
11	Compliant semiconductor scaffolds: building blocks for advanced neural interfaces. <i>Neural Regeneration Research</i> , 2015, 10, 1741.	3.0	1
12	Epitaxial lift-off of high quality pixelated thin-film GaSb solar cells. , 2018, , .		0