

Liliana Stan

List of Publications by Year in descending order

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9
papers

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citations

1684129
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1588975
8
g-index

9
all docs

9
docs citations

9
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse design of metasurfaces with non-local interactions. Npj Computational Materials, 2020, 6, .	8.7	39
2	ZnO functionalization of multiwalled carbon nanotubes for methane sensing at single parts per million concentration levels. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, 06FF01.	1.2	18
3	Ultrathin transmissive metasurfaces for multi-wavelength optics in the visible. Applied Physics Letters, 2019, 114, .	3.3	16
4	Tunneling electroresistance effects in epitaxial complex oxides on silicon. Applied Physics Letters, 2020, 116, .	3.3	8
5	Incorporation of Al or Hf in atomic layer deposition TiO ₂ for ternary dielectric gate insulation of InAlN/GaN and AlGaN/GaN metal-insulator-semiconductor-heterojunction structure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	7
6	Transfer of Graphene with Protective Oxide Layers. ChemEngineering, 2018, 2, 58.	2.4	5
7	Selective volatile organic compound gas sensor based on carbon nanotubes functionalized with ZnO nanoparticles. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2021, 39, .	1.2	4
8	Investigating compositional effects of atomic layer deposition ternary dielectric Ti-Al-O on metal-insulator-semiconductor heterojunction capacitor structure for gate insulation of InAlN/GaN and AlGaN/GaN. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2016, 34, 06K901.	1.2	2
9	The Effect of Periodic Spatial Perturbations on the Emission Rates of Quantum Dots near Graphene Platforms. Materials, 2020, 13, 3504.	2.9	0