

# Aniello Pelella

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

472  
citations

932766

10  
h-index

940134

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Memory effects in black phosphorus field effect transistors. 2D Materials, 2022, 9, 015028.	2.0	17
2	SnO <sub>2</sub> Nanofibers Network for Cold Cathode Applications in Vacuum Nanoelectronics. Advanced Electronic Materials, 2022, 8, .	2.6	5
3	2D transition metal dichalcogenides nanosheets as gate modulated cold electron emitters. , 2021, , .		1
4	Modification of contacts and channel properties in two-dimensional field-effect transistors by 10 keV electron beam irradiation. , 2021, , .		0
5	Coexistence of Negative and Positive Photoconductivity in Few-Layer PtSe <sub>2</sub> Field-Effect Transistors. Advanced Functional Materials, 2021, 31, 2105722.	7.8	53
6	Graphene-Silicon Device for Visible and Infrared Photodetection. ACS Applied Materials & Interfaces, 2021, 13, 47895-47903.	4.0	41
7	Gate-Controlled Field Emission Current from MoS <sub>2</sub> Nanosheets. Advanced Electronic Materials, 2021, 7, 2000838.	2.6	37
8	Temperature Dependence of Germanium Arsenide Field-Effect Transistors Electrical Properties. Materials Proceedings, 2021, 4, 26.	0.2	1
9	Molybdenum Disulfide Field Effect Transistors under Electron Beam Irradiation and External Electric Fields. Materials Proceedings, 2021, 4, 25.	0.2	0
10	Sensors Based on Multiwalled Carbon Nanotubes. Materials Proceedings, 2021, 4, 59.	0.2	1
11	WS <sub>2</sub> Nanotubes: Electrical Conduction and Field Emission Under Electron Irradiation and Mechanical Stress. Small, 2020, 16, e2002880.	5.2	42
12	Electron Irradiation of Metal Contacts in Monolayer MoS <sub>2</sub> Field-Effect Transistors. ACS Applied Materials & Interfaces, 2020, 12, 40532-40540.	4.0	44
13	Field Emission Characteristics of InSb Patterned Nanowires. Advanced Electronic Materials, 2020, 6, 2000402.	2.6	18
14	Air Pressure, Gas Exposure and Electron Beam Irradiation of 2D Transition Metal Dichalcogenides. Applied Sciences (Switzerland), 2020, 10, 5840.	1.3	5
15	Field Emission in Ultrathin PdSe <sub>2</sub> Back-Gated Transistors. Advanced Electronic Materials, 2020, 6, 2000094.	2.6	66
16	Electrical Conduction and Photoconduction in PtSe <sub>2</sub> Ultrathin Films. Materials Proceedings, 2020, 4, .	0.2	2
17	Direct Contacting of 2D Nanosheets by Metallic Nanoprobes. Materials Proceedings, 2020, 4, .	0.2	0
18	Field Emission Characterization of MoS <sub>2</sub> Nanoflowers. Nanomaterials, 2019, 9, 717.	1.9	40

#	ARTICLE	IF	CITATIONS
19	Pressure-Tunable Ambipolar Conduction and Hysteresis in Thin Palladium Diselenide Field Effect Transistors. <i>Advanced Functional Materials</i> , 2019, 29, 1902483.	7.8	98