

# Geanina Apachitei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10443617/publications.pdf>

Version: 2024-02-01

10  
papers

249  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization curling and flux closures in multiferroic tunnel junctions. Nature Communications, 2016, 7, 13484.	12.8	58
2	Four-state ferroelectric spin-valve. Scientific Reports, 2015, 5, 9749.	3.3	38
3	Interpretable machine learning for battery capacities prediction and coating parameters analysis. Control Engineering Practice, 2022, 124, 105202.	5.5	38
4	Quantifying key factors for optimised manufacturing of Li-ion battery anode and cathode via artificial intelligence. Energy and AI, 2022, 7, 100129.	10.6	32
5	Machine learning for optimised and clean Li-ion battery manufacturing: Revealing the dependency between electrode and cell characteristics. Journal of Cleaner Production, 2021, 324, 129272.	9.3	28
6	Antiferroelectric Tunnel Junctions. Advanced Electronic Materials, 2017, 3, 1700126.	5.1	24
7	Bi-ferroic memristive properties of multiferroic tunnel junctions. Applied Physics Letters, 2018, 112, 102905.	3.3	15
8	In-plane tunnelling field-effect transistor integrated on Silicon. Scientific Reports, 2015, 5, 14367.	3.3	7
9	Polarization Screening Mechanisms at $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ – $\text{PbTiO}_3$ Interfaces. ACS Applied Materials & Interfaces, 2020, 12, 10657-10663.	8.0	7
10	Raman spectroscopic study of layered quaternary ferrite $\text{Ba}_{12}\text{Fe}_{28}\text{Ti}_{15}\text{O}_{84}$ . Phase Transitions, 2013, 86, 661-669.	1.3	2