

# Slavisa Milovanovic

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

488  
citations

933264

10  
h-index

794469

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of flat bands and correlated states in buckled graphene superlattices. <i>Nature</i> , 2020, 584, 215-220.	13.7	118
2	Composite super-moiré lattices in double-aligned graphene heterostructures. <i>Science Advances</i> , 2019, 5, eaay8897.	4.7	74
3	Strain controlled valley filtering in multi-terminal graphene structures. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	58
4	Double Moiré with a Twist: Supermoiré in Encapsulated Graphene. <i>Nano Letters</i> , 2020, 20, 979-988.	4.5	47
5	Ion exchange in atomically thin clays and micas. <i>Nature Materials</i> , 2021, 20, 1677-1682.	13.3	40
6	Band flattening in buckled monolayer graphene. <i>Physical Review B</i> , 2020, 102, .	1.1	25
7	Magnetic electron focusing and tuning of the electron current with a pn-junction. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	24
8	Veselago lensing in graphene with a p-n junction: Classical versus quantum effects. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	20
9	Spectroscopy of snake states using a graphene Hall bar. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	16
10	Strained graphene Hall bar. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 075601.	0.7	13
11	Graphene membrane as a pressure gauge. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	11
12	Scanning gate microscopy of magnetic focusing in graphene devices: quantum versus classical simulation. <i>Nanotechnology</i> , 2017, 28, 185202.	1.3	10
13	Molecular collapse in monolayer graphene. <i>2D Materials</i> , 2019, 6, 045047.	2.0	9
14	Graphene Hall bar with an asymmetric pn-junction. <i>Journal of Applied Physics</i> , 2013, 113, 193701.	1.1	8
15	Strain fields in graphene induced by nanopillar mesh. <i>Journal of Applied Physics</i> , 2019, 125, .	1.1	8
16	Characterization of the size and position of electron-hole puddles at a graphene p-n junction. <i>Nanotechnology</i> , 2016, 27, 105203.	1.3	2
17	Strained Graphene Structures: From Valleytronics to Pressure Sensing. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2018, , 3-17.	0.5	2
18	Hall and bend resistance of a phosphorene Hall bar. <i>Physical Review B</i> , 2021, 104, .	1.1	1