Josep Ingla-AynÃ©s

List of Publications by Year
in descending order

11 papers	673 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	816 citing authors

#	Article	IF	Citations
1	Reliability of spin-to-charge conversion measurements in graphene-based lateral spin valves. 2D Materials, 2022, 9, 015024.	4.4	12
2	Omnidirectional spin-to-charge conversion in graphene/NbSe₂ van der Waals heterostructures. 2D Materials, 2022, 9, 045001.	4.4	15
3	Electrical Control of Valley-Zeeman Spin-Orbit-Couplingâ€“Induced Spin Precession at Room Temperature. Physical Review Letters, 2021, 127, 047202.	7.8	35
4	Spin Hall Effect in Bilayer Graphene Combined with an Insulator up to Room Temperature. Nano Letters, 2020, 20, 4573-4579.	9.1	20
5	Gate tunability of highly efficient spin-to-charge conversion by spin Hall effect in graphene proximitized with WSe2. APL Materials, 2020, 8, .	5.1	42
6	Large Multidirectional Spin-to-Charge Conversion in Low-Symmetry Semimetal MoTe₂ at Room Temperature. Nano Letters, 2019, 19, 8758-8766.	9.1	81
7	Room-Temperature Spin Hall Effect in Graphene/MoS₂ van der Waals Heterostructures. Nano Letters, 2019, 19, 1074-1082.	9.1	186
8	Efficient spin injection into graphene through trilayer hBN tunnel barriers. Journal of Applied Physics, 2018, 124, .	2.5	11
9	Observation of Spin-Valley-Coupling-Induced Large Spin-Lifetime Anisotropy in Bilayer Graphene. Physical Review Letters, 2018, 121, 127702.	7.8	59
10	Large Proximity-Induced Spin Lifetime Anisotropy in Transition-Metal Dichalcogenide/Graphene Heterostructures. Nano Letters, 2017, 17, 7528-7532.	9.1	158
11	Eighty-Eight Percent Directional Guiding of Spin Currents with 90 Î¼m Relaxation Length in Bilayer Graphene Using Carrier Drift. Nano Letters, 2016, 16, 4825-4830.	9.1	54