

# Josep Ingla-AynÃ©s

## List of Publications by Year in descending order

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840776

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docs citations

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times ranked

816  
citing authors

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