

Talieh S Ghiasi

List of Publications by Year in descending order

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papers

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1478505

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686
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Proximity-Induced Spin Lifetime Anisotropy in Transition-Metal Dichalcogenide/Graphene Heterostructures. Nano Letters, 2017, 17, 7528-7532.	9.1	158
2	Charge-to-Spin Conversion by the Rashba-Edelstein Effect in Two-Dimensional van der Waals Heterostructures up to Room Temperature. Nano Letters, 2019, 19, 5959-5966.	9.1	143
3	Electrical and thermal generation of spin currents by magnetic bilayer graphene. Nature Nanotechnology, 2021, 16, 788-794.	31.5	71
4	Bilayer h-BN barriers for tunneling contacts in fully-encapsulated monolayer MoSe ₂ field-effect transistors. 2D Materials, 2019, 6, 015002.	4.4	21
5	Semiconductor channel-mediated photodoping in h-BN encapsulated monolayer MoSe ₂ phototransistors. 2D Materials, 2019, 6, 025040.	4.4	12
6	The role of device asymmetries and Schottky barriers on the helicity-dependent photoresponse of 2D phototransistors. Npj 2D Materials and Applications, 2021, 5, .	7.9	8
7	Spin injection by spin-charge coupling in proximity induced magnetic graphene. 2D Materials, 2022, 9, 045003.	4.4	6