

# Jamie Wilt

## List of Publications by Year in descending order

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9  
papers

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1478505

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168  
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#	ARTICLE	IF	CITATIONS
1	Probing the Dielectric Properties of Ultrathin Al/Al <sub>2</sub> O <sub>3</sub> /Al Trilayers Fabricated Using <i>in Situ</i> Sputtering and Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2018, 10, 3112-3120.	8.0	49
2	Atomically Thin $\text{Al}_2\text{O}_3$ Films for Tunnel Junctions. Physical Review Applied, 2017, 7, .	8.0	18
3	Effect of an Interfacial Layer on Electron Tunneling through Atomically Thin Al <sub>2</sub> O <sub>3</sub> Tunnel Barriers. ACS Applied Materials & Interfaces, 2017, 9, 37468-37475.	1.7	16
4	Enhancement of Isotropic Pinning Force in YBCO Films With BaZrO <sub>3</sub> Nanorods and Y <sub>2</sub> O <sub>3</sub> Nanoparticles. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.3	13
5	<i>in situ</i> atomic layer deposition and electron tunneling characterization of monolayer Al <sub>2</sub> O <sub>3</sub> on Fe for magnetic tunnel junctions. AIP Advances, 2018, 8, .	1.3	10
6	Electron tunneling properties of Al <sub>2</sub> O <sub>3</sub> tunnel barrier made using atomic layer deposition in multilayer devices. AIP Advances, 2019, 9, .	1.7	6
7	Probing Microscopic Strain Interplay Due to Impurity Doping and Vicinal Growth and Its Effect on Pinning Landscape in YBCO Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	8.0	4
8	Switching On/Off Negative Capacitance in Ultrathin Ferroelectric/Dielectric Capacitors. ACS Applied Materials & Interfaces, 2020, 12, 9902-9908.	2.1	3
9	DNA damage may drive nucleosomal reorganization to facilitate damage detection. Physical Review E, 2014, 89, 032708.		