

# Aik Jun Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11083613/publications.pdf>

Version: 2024-02-01

11  
papers

1,328  
citations

840776

11  
h-index

1281871

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g-index

11  
all docs

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docs citations

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times ranked

1935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Magneto-Ionic Switching of Interface Anisotropy Using Yttria-Stabilized Zirconia Gate Oxide. Nano Letters, 2020, 20, 3435-3441.	9.1	40
2	Voltage-gated optics and plasmonics enabled by solid-state proton pumping. Nature Communications, 2019, 10, 5030.	12.8	51
3	Magneto-ionic control of magnetism using a solid-state proton pump. Nature Materials, 2019, 18, 35-41. Hydration of gadolinium oxide ( $Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 647 Td$ (xmlns:mml="http://www.w3.org/1998/Math/	27.5	176
4	its effect on voltage-induced Co oxidation in a $PtCo$ heterostructure. Physical Review Materials, 2019, 2, 014401.	2.4	20
5	Effect of annealing on magnetic properties in ferrimagnetic GdCo alloy films with bulk perpendicular magnetic anisotropy. AIP Advances, 2018, 8, .	1.3	18
6	A multi-state memory device based on the unidirectional spin Hall magnetoresistance. Applied Physics Letters, 2017, 110, .	3.3	37
7	Three-terminal resistive switch based on metal/metal oxide redox reactions. Scientific Reports, 2017, 7, 7452.	3.3	11
8	Effect of rare earth metal on the spin-orbit torque in magnetic heterostructures. Applied Physics Letters, 2016, 108, .	3.3	50
9	Determination of spin torque efficiencies in heterostructures with perpendicular magnetic anisotropy. Physical Review B, 2016, 93, .	3.2	286
10	Magneto-ionic control of interfacial magnetism. Nature Materials, 2015, 14, 174-181.	27.5	444
11	Enhanced spin-orbit torques in Pt/Co/Ta heterostructures. Applied Physics Letters, 2014, 105, .	3.3	195