

Aik Jun Tan

List of Publications by Year in descending order

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

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11
papers

1,328
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1935
citing authors

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