

# Yung-Hung Wang

## List of Publications by Year in descending order

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15  
papers

130  
citations

1478505

6  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exchange-bias-induced double-shifted magnetization curves in Co biaxial films. Physical Review B, 2001, 64, .	3.2	42
2	Impact of stray field on the switching properties of perpendicular MTJ for scaled MRAM. , 2012, , .		18
3	Wide operation margin of toggle mode switching for magnetic random access memory with preceding negative pulse writing scheme. Applied Physics Letters, 2006, 88, 112501.	3.3	15
4	High thermal stability and low Gilbert damping constant of CoFeB/MgO bilayer with perpendicular magnetic anisotropy by Al capping and rapid thermal annealing. Applied Physics Letters, 2014, 104, .	3.3	14
5	Scaling Properties of Step-Etch Perpendicular Magnetic Tunnel Junction With Dual-CoFeB/MgO Interfaces. IEEE Electron Device Letters, 2014, 35, 738-740.	3.9	9
6	Effects of orientation transition on exchange anisotropy of Co $\hat{\cdot}$ NiMn films by biorientation epitaxial Cu $\hat{\cdot}$ Au $\hat{\cdot}$ Cu underlayers. Applied Physics Letters, 2004, 85, 2298-2300.	3.3	8
7	Evidences of Reactive-Ion-Etching-Induced Damages to the Ferromagnet of Perpendicular Magnetic Tunnel Junctions. IEEE Electron Device Letters, 2013, 34, 241-243.	3.9	8
8	Structure and magnetic properties of [001] NiFe/NiMn/Co. IEEE Transactions on Magnetics, 2000, 36, 2641-2643.	2.1	4
9	The switching behaviors of submicron magnetic tunnel junctions with synthetic antiferromagnetic free layers. Journal of Applied Physics, 2005, 97, 10C923.	2.5	4
10	Repair effect on patterned CoFeB-based magnetic tunneling junction using rapid thermal annealing. Journal of Magnetism and Magnetic Materials, 2007, 310, 1920-1922.	2.3	3
11	Improvement switching characteristics of toggle magnetic random access memory with dual polarity write pulse scheme. Applied Physics Letters, 2007, 90, 032503.	3.3	2
12	Brief rapid thermal treatment effect on patterned CoFeB-based magnetic tunneling junctions. Journal of Applied Physics, 2007, 101, 09B503.	2.5	1
13	Reduction of surface roughness and N $\hat{\cdot}$ el coupling in perpendicular magnetic tunnel junctions with L10-FePt electrodes by plasma treatments. Journal of Applied Physics, 2011, 109, 07C724.	2.5	1
14	Magnetic wireless interlayer transmission through perpendicular MTJ for 3D-IC applications. , 2013, , .		1
15	Temperature effect on anisotropies in [001] Co-NiMn thin films. IEEE Transactions on Magnetics, 2002, 38, 2658-2660.	2.1	0