

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	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
2	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
3	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
4	Magnetic wireless interlayer transmission through perpendicular MTJ for 3D-IC applications. , 2013, , .		1
5	Impact of stray field on the switching properties of perpendicular MTJ for scaled MRAM. , 2012, , .		18
6	Reduction of surface roughness and Néel coupling in perpendicular magnetic tunnel junctions with L10-FePt electrodes by plasma treatments. Journal of Applied Physics, 2011, 109, 07C724.	2.5	1
7	Improvement switching characteristics of toggle magnetic random access memory with dual polarity write pulse scheme. Applied Physics Letters, 2007, 90, 032503.	3.3	2
8	Brief rapid thermal treatment effect on patterned CoFeB-based magnetic tunneling junctions. Journal of Applied Physics, 2007, 101, 09B503.	2.5	1
9	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
10	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
11	The switching behaviors of submicron magnetic tunnel junctions with synthetic antiferromagnetic free layers. Journal of Applied Physics, 2005, 97, 10C923.	2.5	4
12	Effects of orientation transition on exchange anisotropy of Co ²⁺ /NiMn films by biorientation epitaxial Cu ²⁺ /Au ²⁺ /Cu underlayers. Applied Physics Letters, 2004, 85, 2298-2300.	3.3	8
13	Temperature effect on anisotropies in [001] Co-NiMn thin films. IEEE Transactions on Magnetics, 2002, 38, 2658-2660.	2.1	0
14	Exchange-bias-induced double-shifted magnetization curves in Co biaxial films. Physical Review B, 2001, 64, .	3.2	42
15	Structure and magnetic properties of [001] NiFe/NiMn/Co. IEEE Transactions on Magnetics, 2000, 36, 2641-2643.	2.1	4