

Ernesto E Marinero

List of Publications by Year in descending order

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papers

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1040056

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docs citations

13
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454
citing authors

#	ARTICLE	IF	CITATIONS
1	Bit Patterned Media at 1 Tdot/in ² and Beyond. IEEE Transactions on Magnetics, 2013, 49, 773-778.	2.1	75
2	Electronic and optical properties of ScN and (Sc,Mn)N thin films deposited by reactive DC-magnetron sputtering. Journal of Applied Physics, 2013, 114, .	2.5	49
3	Surface-plasmon opto-magnetic field enhancement for all-optical magnetization switching. Optical Materials Express, 2017, 7, 4316.	3.0	35
4	Bi aliovalent substitution in Li7La3Zr2O12 garnets: Structural and ionic conductivity effects. AIP Advances, 2020, 10, .	1.3	23
5	High anisotropy CoPtCrB magnetic recording media. Journal of Applied Physics, 2003, 94, 4018-4023.	2.5	17
6	Proposal of a Single Nano-Magnet Memory Device. IEEE Electron Device Letters, 2017, 38, 1665-1668.	3.9	13
7	An Active Learning Approach for the Design of Doped LLZO Ceramic Garnets for Battery Applications. Integrating Materials and Manufacturing Innovation, 2021, 10, 299-310.	2.6	13
8	Bit patterned media optimization at 1 Tdot/in ² by post-annealing. Journal of Applied Physics, 2014, 116, .	2.5	12
9	Ionic conductivity optimization of composite polymer electrolytes through filler particle chemical modification. Ionics, 2021, 27, 2483-2493.	2.4	10
10	Hybrid Polymer-Garnet Materials for All-Solid-State Energy Storage Devices. ACS Omega, 2021, 6, 15551-15558.	3.5	7
11	Hybrid magneto photonic material structure for plasmon assisted magnetic switching. Optical Materials Express, 2020, 10, 3107.	3.0	3
12	In Situ HAADF-STEM Imaging and Tomography of Aulr Bimetallic Catalysts. Microscopy and Microanalysis, 2014, 20, 180-181.	0.4	0
13	In situ Environmental TEM and DFT Studies on the Highly Stable Aulr Bimetallic Catalyst. Microscopy and Microanalysis, 2015, 21, 569-570.	0.4	0