

Dana Stanescu

List of Publications by Year in descending order

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papers

758
citations

623188

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525886

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docs citations

33
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Vacancies Engineering of Iron Oxides Films for Solar Water Splitting. Journal of Physical Chemistry C, 2016, 120, 7482-7490.	1.5	100
2	Single Crystalline Hematite Films for Solar Water Splitting: Ti-Doping and Thickness Effects. Journal of Physical Chemistry C, 2014, 118, 3007-3014.	1.5	95
3	Determination of the cation site distribution of the spinel in multiferroic CoFe ₂ O ₄ /BaTiO ₃ layers by X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2015, 202, 16-21.	0.8	66
4	Strong magnetoelectric coupling in multiferroic Co/BaTiO ₃ thin films. Physical Review B, 2013, 88, .	1.1	63
5	Tunneling hot spots and heating in magnetic tunnel junctions. Journal of Applied Physics, 2004, 95, 6783-6785.	1.1	54
6	Enhanced photoanode properties of epitaxial Ti doped Fe_2O_3 (0001) thin films. Applied Physics Letters, 2012, 101, .	1.5	45
7	Magnetic logic using nanowires with perpendicular anisotropy. Nanotechnology, 2009, 20, 215401.	1.3	40
8	Tailoring the photocurrent in BaTiO ₃ /Nb:SrTiO ₃ photoanodes by controlled ferroelectric polarization. Applied Physics Letters, 2015, 107, .	1.5	32
9	Surface composition of BaTiO ₃ /SrTiO ₃ (001) films grown by atomic oxygen plasma assisted molecular beam epitaxy. Journal of Applied Physics, 2012, 112, .	1.1	25
10	Tailoring magnetism in CoNi films with perpendicular anisotropy by ion irradiation. Journal of Applied Physics, 2008, 103, 07B529.	1.1	24
11	High visible light photocatalytic activity of nitrogen-doped ZnO thin films deposited by HiPIMS. Surface and Coatings Technology, 2017, 324, 594-600.	2.2	23
12	Cross-Correlation between Strain, Ferroelectricity, and Ferromagnetism in Epitaxial Multiferroic CoFe ₂ O ₄ /BaTiO ₃ Heterostructures. ACS Applied Materials & Interfaces, 2018, 10, 28003-28014.	4.0	22
13	Visible-light photocatalytic activity of TiO _x N _y thin films obtained by reactive multi-pulse High Power Impulse Magnetron Sputtering. Surface and Coatings Technology, 2017, 324, 614-619.	2.2	20
14	Local electronic structure and photoelectrochemical activity of partial chemically etched Ti-doped hematite. Surface Science, 2015, 641, 310-313.	0.8	16
15	Characterizing surface states in hematite nanorod photoanodes, both beneficial and detrimental to solar water splitting efficiency. Journal of Materials Chemistry A, 2020, 8, 20513-20530.	5.2	15
16	Evidence of the magnetoimpedance effect up to microwave frequencies in polycrystalline La _{0.7} Sr _{0.3} MnO ₃ films. Journal of Applied Physics, 2006, 99, 073707.	1.1	13
17	Antiferromagnetic long-range spin ordering in Fe- and NiFe ₂ -doped BaTiO ₃ multiferroic layers. Physical Review B, 2015, 91, .	1.1	12
18	Manipulating the ferroelectric polarization state of BaTiO ₃ thin films. Thin Solid Films, 2016, 607, 7-13.	0.8	12

#	ARTICLE	IF	CITATIONS
19	Epitaxial TiO ₂ Thin Film Photoanodes: Influence of Crystallographic Structure and Substrate Nature. Journal of Physical Chemistry C, 2019, 123, 5240-5248.	1.5	11
20	Pumping-field-induced dynamic effects in micron-sized permalloy lines and their influence on HF filter applications. IEEE Transactions on Magnetics, 2005, 41, 3514-3516.	1.2	10
21	Tuning the Charge Carriers Migration in Epitaxial BaTiO ₃ Thin-Film Photoanodes. Journal of Physical Chemistry C, 2020, 124, 10315-10323.	1.5	10
22	Thickness dependence of the superconductivity in thin disordered NbSi films. Journal of Physics: Conference Series, 2009, 150, 042019.	0.3	9
23	Beyond the Magnetic Domain Matching in Magnetic Exchange Coupling. Physical Review Letters, 2010, 105, 097204.	2.9	9
24	The role of oxygen in magnetron-sputtered Ta ₃ N ₅ thin films for the photoelectrolysis of water. Surface and Coatings Technology, 2017, 324, 620-625.	2.2	9
25	Oxygen incorporated during deposition determines the crystallinity of magnetron-sputtered Ta ₃ N ₅ films. Thin Solid Films, 2019, 685, 204-209.	0.8	7
26	Frequency domain studies of CoZr continuous thin films and FeNi wires using coplanar transmission lines. Journal of Applied Physics, 2004, 95, 6616-6618.	1.1	4
27	Electrostriction, Electroresistance, and Electromigration in Epitaxial BaTiO ₃ -Based Heterostructures: Role of Interfaces and Electric Poling. ACS Applied Nano Materials, 2019, 2, 3556-3569.	2.4	4
28	Mn _{0.7} Fe _{2.3} O ₄ Nanoplatelets Embedded in BaTiO ₃ Perovskite Thin Films for Multifunctional Composite Barriers. ACS Applied Nano Materials, 2020, 3, 327-341.	2.4	3
29	Superconducting Niobium/Silicon Bolometer Developments in the DCMB French Collaboration. EAS Publications Series, 2009, 37, 107-117.	0.3	2
30	Resonant PhotoEmission Spectroscopy Investigation of Fe ₂ O ₃ / TiO ₂ Heterojunctions for Solar Water Splitting. Physics Procedia, 2016, 85, 4-11.	1.2	2
31	Domain wall propagation in continuous thin films initiated by precessional reversal. Journal of Magnetism and Magnetic Materials, 2005, 286, 51-55.	1.0	1
32	Local precessional reversal of a spin-valve element. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1883-1884.	1.0	0
33	Bolometer arrays development in the DCMB French collaboration. Proceedings of SPIE, 2008, , .	0.8	0