

Dana Stanescu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Tuning the Charge Carriers Migration in Epitaxial BaTiO ₃ Thin-Film Photoanodes. Journal of Physical Chemistry C, 2020, 124, 10315-10323.	1.5	10
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Oxygen Vacancies Engineering of Iron Oxides Films for Solar Water Splitting. Journal of Physical Chemistry C, 2016, 120, 7482-7490.	1.5	100
13	Manipulating the ferroelectric polarization state of BaTiO ₃ thin films. Thin Solid Films, 2016, 607, 7-13.	0.8	12
14	Local electronic structure and photoelectrochemical activity of partial chemically etched Ti-doped hematite. Surface Science, 2015, 641, 310-313.	0.8	16
15	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
16	Antiferromagnetic long-range spin ordering in Fe- and NiFe ₂ -doped BaTiO ₃ multiferroic layers. Physical Review B, 2015, 91, .	1.1	12
17	Tailoring the photocurrent in BaTiO ₃ /Nb:SrTiO ₃ photoanodes by controlled ferroelectric polarization. Applied Physics Letters, 2015, 107, .	1.5	32
18	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

#	ARTICLE	IF	CITATIONS
19	Strong magnetoelectric coupling in multiferroic Co/BaTiO ₃ thin films. Physical Review B, 2013, 88, .	1.1	63
20	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
21	Enhanced photoanode properties of epitaxial Ti doped $\hat{\pm}$ -Fe ₂ O ₃ (0001) thin films. Applied Physics Letters, 2012, 101, .	1.5	45
22	Beyond the Magnetic Domain Matching in Magnetic Exchange Coupling. Physical Review Letters, 2010, 105, 097204.	2.9	9
23	Superconducting Niobium/Silicon Bolometer Developments in the DCMB French Collaboration. EAS Publications Series, 2009, 37, 107-117.	0.3	2
24	Magnetic logic using nanowires with perpendicular anisotropy. Nanotechnology, 2009, 20, 215401.	1.3	40
25	Thickness dependence of the superconductivity in thin disordered NbSi films. Journal of Physics: Conference Series, 2009, 150, 042019.	0.3	9
26	Tailoring magnetism in CoNi films with perpendicular anisotropy by ion irradiation. Journal of Applied Physics, 2008, 103, 07B529.	1.1	24
27	Bolometer arrays development in the DCMB French collaboration. Proceedings of SPIE, 2008, , .	0.8	0
28	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
29	Domain wall propagation in continuous thin films initiated by precessional reversal. Journal of Magnetism and Magnetic Materials, 2005, 286, 51-55.	1.0	1
30	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
31	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
32	Tunneling hot spots and heating in magnetic tunnel junctions. Journal of Applied Physics, 2004, 95, 6783-6785.	1.1	54
33	Local precessional reversal of a spin-valve element. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1883-1884.	1.0	0