

Nguyen Hoa Hong

List of Publications by Year in descending order

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papers

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147801

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72
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72
docs citations

72
times ranked

3304
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature ferromagnetism observed in undoped semiconducting and insulating oxide thin films. Physical Review B, 2006, 73, .	3.2	804
2	Role of defects in tuning ferromagnetism in diluted magnetic oxide thin films. Physical Review B, 2005, 72, .	3.2	323
3	Observation of ferromagnetism at room temperature in ZnO thin films. Journal of Physics Condensed Matter, 2007, 19, 036219.	1.8	284
4	Ferromagnetism observed in pristine SnO_2 thin films. Physical Review B, 2008, 77, .	3.2	233
5	Ferromagnetism in transition-metal-doped TiO_2 thin films. Physical Review B, 2004, 70, .	3.2	201
6	Transparent Cr-doped SnO_2 thin films: ferromagnetism beyond room temperature with a giant magnetic moment. Journal of Physics Condensed Matter, 2005, 17, 1697-1702.	1.8	140
7	Ferromagnetism at room temperature with a large magnetic moment in anatase V-doped TiO_2 thin films. Applied Physics Letters, 2004, 84, 2602-2604.	3.3	133
8	Oxygen-vacancy-induced ferromagnetism in undoped SnO_2 thin films. Physical Review B, 2012, 85, .	3.2	124
9	Room temperature ferromagnetism in laser ablated Ni-doped In_2O_3 thin films. Applied Physics Letters, 2005, 87, 102505.	3.3	113
10	Magnetism in Ni-doped SnO_2 thin films. Journal of Physics Condensed Matter, 2005, 17, 6533-6538.	1.8	93
11	Mn-doped ZnO and (Mn, Cu)-doped ZnO thin films: Does the Cu doping indeed play a key role in tuning the ferromagnetism?. Applied Physics Letters, 2005, 86, 082505.	3.3	83
12	Nano-ilmenite FeTiO_3 : Synthesis and characterization. Journal of Magnetism and Magnetic Materials, 2013, 331, 129-132.	2.3	76
13	Co-doped In_2O_3 thin films: Room temperature ferromagnets. Journal of Magnetism and Magnetic Materials, 2006, 302, 228-231.	2.3	71
14	Evidence for magnetism due to oxygen vacancies in Fe-doped HfO_2 thin films. Applied Physics Letters, 2006, 89, 042503.	3.3	70
15	Ferromagnetic V-doped SnO_2 thin films. Physica B: Condensed Matter, 2005, 358, 265-268.	2.7	69
16	Magnetism due to oxygen vacancies and/or defects in undoped semiconducting and insulating oxide thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, 214-217.	2.3	64
17	Magnetism in V-doped ZnO thin films. Journal of Physics Condensed Matter, 2005, 17, 199-204.	1.8	60
18	Fe- and Ni-doped TiO_2 thin films grown on LaAlO_3 and SrTiO_3 substrates by laser ablation. Applied Physics Letters, 2004, 84, 2850-2852.	3.3	53

#	ARTICLE	IF	CITATIONS
19	Ferromagnetism in transition-metal-doped semiconducting oxide thin films. Journal of Magnetism and Magnetic Materials, 2006, 303, 338-343.	2.3	53
20	Co distribution in ferromagnetic rutile Co-doped TiO ₂ thin films grown by laser ablation on silicon substrates. Applied Physics Letters, 2003, 83, 3129-3131.	3.3	51
21	Ferromagnetism in C-doped SnO ₂ thin films. Applied Physics Letters, 2011, 99, 052505.	3.3	50
22	Distribution of dopant in Fe:TiO ₂ and Ni:TiO ₂ thin films. Journal of Magnetism and Magnetic Materials, 2004, 281, 347-352.	2.3	45
23	Magnetism in transition-metal-doped In ₂ O ₃ thin films. Journal of Physics Condensed Matter, 2006, 18, 6897-6905.	1.8	45
24	Magnetic properties of V-doped ZnO thin films. Journal of Applied Physics, 2005, 97, 10D312.	2.5	44
25	Mesoporous silica with fibrous morphology: a multifunctional core-shell platform for biomedical applications. Nanotechnology, 2013, 24, 345603.	2.6	43
26	Does Mn doping play any key role in tailoring the ferromagnetic ordering of TiO ₂ thin films?. Applied Physics Letters, 2006, 89, 252504.	3.3	42
27	Room temperature ferromagnetism in monoclinic Mn-doped ZrO ₂ thin films. Journal of Applied Physics, 2012, 111, 07C302.	2.5	39
28	Tuning Magnetic Properties of BiFeO ₃ Thin Films by Controlling Rare-Earth Doping: Experimental and First-Principles Studies. Journal of Physical Chemistry C, 2015, 119, 14351-14357.	3.1	36
29	Bifunctional Gd ₂ O ₃ :Er ³⁺ particles with enhanced visible upconversion luminescence. Journal of Alloys and Compounds, 2013, 572, 113-117.	5.5	34
30	Laser ablated Ni-doped HfO ₂ thin films: Room temperature ferromagnets. Applied Physics Letters, 2005, 86, 242505.	3.3	33
31	Can undoped semiconducting oxides be ferromagnetic?. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 4461-4466.	0.8	33
32	Room temperature ferromagnetism in anatase Ti _{0.95} Cr _{0.05} O ₂ thin films: Clusters or not?. Applied Physics Letters, 2004, 85, 6212-6214.	3.3	32
33	Ti-doped hematite thin films for efficient water splitting. Applied Physics A: Materials Science and Processing, 2015, 118, 1539-1542.	2.3	28
34	Magnetism in spin-coated pristine TiO ₂ thin films. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3299-3302.	2.1	25
35	Toxicity and T ₂ -Weighted Magnetic Resonance Imaging Potentials of Holmium Oxide Nanoparticles. Nanomaterials, 2017, 7, 216.	4.1	25
36	Room temperature ferromagnetism in laser ablated transition-metal-doped TiO ₂ thin films on various types of substrates. Journal Physics D: Applied Physics, 2005, 38, 816-821.	2.8	24

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37	Simple way to make Anatase TiO ₂ films on FTO glass for promising solar cells. <i>Materials Letters</i> , 2012, 69, 59-62.	2.6	24
38	Magnetism due to defects/oxygen vacancies in HfO ₂ thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 1270-1275.	0.8	23
39	Shaping the Magnetic Properties of BaFeO ₃ Perovskite-Type by Alkaline-Earth Doping. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2983-2989.	3.1	23
40	The origin of magnetism in transition metal-doped ZrO ₂ thin films: experiment and theory. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 436003.	1.8	20
41	Thickness dependent magnetic properties of BiFeO ₃ thin films prepared by pulsed laser deposition. <i>Materials Letters</i> , 2011, 65, 2786-2788.	2.6	19
42	Room temperature ferromagnetism in anatase Ti _{0.95} V _{0.05} O ₂ thin films. <i>Physica B: Condensed Matter</i> , 2005, 355, 295-298.	2.7	18
43	Highly Mesoporous Silica Nanoparticles for Potential Drug Delivery Applications. <i>Nano LIFE</i> , 2014, 04, 1441003.	0.9	18
44	Ferrite nanoparticles for future heart diagnostics. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 112, 323-327.	2.3	17
45	Magnetic structure of V:TiO ₂ and Cr:TiO ₂ thin films from magnetic force microscopy measurements. <i>Journal of Applied Physics</i> , 2005, 97, 10D323.	2.5	16
46	Introduction to Nanomaterials: Basic Properties, Synthesis, and Characterization. , 2019, , 1-19.		16
47	Ferromagnetism in laser ablated ZnO and Mn-doped ZnO thin films: A comparative study from magnetization and Hall effect measurements. <i>Physica B: Condensed Matter</i> , 2009, 404, 3978-3981.	2.7	15
48	High temperature ferromagnetism in cubic Mn-doped ZrO ₂ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 3013-3016.	2.3	15
49	Fabrication of TiO ₂ /CuO photoelectrode with enhanced solar water splitting activity. <i>Functional Materials Letters</i> , 2017, 10, 1750084.	1.2	13
50	Degradation of magnetic ordering in In ₂ O ₃ thin films due to Mn and Cu dopings. <i>Physica B: Condensed Matter</i> , 2007, 392, 379-382.	2.7	12
51	Fabrication of Nontoxic Dye-Embedded Silica Particles for Live Cell Imaging Purposes. <i>BioNanoScience</i> , 2013, 3, 132-136.	3.5	11
52	Effect of zinc doping on the structural and magnetic properties of nickel ferrite thin films fabricated by pulsed laser deposition technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 378, 358-361.	2.3	11
53	Enhanced optical properties of ZrO ₂ :Eu ³⁺ powders codoped with gadolinium ions. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 15-19.	2.4	9
54	Electronic and magnetic properties of La _{0.4} Ba _{0.1} Ca _{0.5} MnO ₃ thin films. <i>Journal of Applied Physics</i> , 2000, 87, 5600-5602.	2.5	8

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55	Effect of annealing conditions on structural and magnetic properties of laser ablated copper ferrite thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1814-1817.	2.3	8
56	Effects of Al ³⁺ /Mn ²⁺ doping on magnetic properties of semiconducting oxide thin films. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2274-2278.	1.5	8
57	Correlation between crystallinity and magnetism in a series of laser-ablated anatase Ti _{1-x} CoxO ₂ thin films. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 5549-5554.	1.8	7
58	Ferromagnetism due to oxygen vacancies in low dimensional oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 534, 167944.	2.3	7
59	Ferromagnetism at room temperature in La ²⁺ /Ba ²⁺ /Ca ²⁺ /Mn ²⁺ /O thin films. <i>Journal of Applied Physics</i> , 2001, 89, 6976-6978.	2.5	6
60	Anomalous behavior in La _{0.7} Ba _{0.1} Ca _{0.2} Mn _{0.9} Ru _{0.1} O ₃ thin films. <i>Physical Review B</i> , 2003, 67, .	3.2	6
61	Room temperature ferromagnetism with large magnetic moment at low field in rare-earth-doped BiFeO ₃ thin films. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 206003.	1.8	6
62	Ru-doped La _{0.7} (Ba ²⁺ /Ca ²⁺) _{0.3} MnO ₃ thin films: indirect evidence of phase separation. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 6527-6536.	1.8	2
63	Effects of Ba doping on physical properties of La ²⁺ /Ca ²⁺ /Mn ²⁺ /O thin films. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 1921-1934.	1.8	2
64	Rare Earth-Doped BiFeO ₃ Thin Films: Relationship between Structural and Magnetic Properties. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-5.	1.1	2
65	Enhanced magnetization by doping aluminum in laser ablated copper ferrite thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 914-917.	2.3	2
66	Silica-Based Nanostructures in Biomedicine. , 2019, , 73-88.		2
67	Doping Ru/Cr on B-site of La ³⁺ -(Ba ²⁺ -Ca ²⁺)-Mn ²⁺ -O thin films: driving insulator-to-metal transition temperature far apart from Curie temperature. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 104, 137-140.	3.5	1
68	Magnetic Oxide Semiconductors. , 2016, , 563-583.		1
69	An enhancement of the ferromagnetic volume fraction in La _{0.9} Ba _{0.1} Mn _{1-x} CrxO ₃ thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 107, 305-309.	3.5	0
70	Nanoscaled Magnetic Oxide: Remarkable Properties and Potentials for Applications. , 2019, , 145-163.		0
71	Magnetic Oxide Semiconductors. , 2015, , 1-18.		0