

## List of Publications by Year in descending order

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20  
papers

1,517  
citations

933447

10  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature ferromagnetism observed in undoped semiconducting and insulating oxide thin films. <i>Physical Review B</i> , 2006, 73, .	3.2	804
2	Observation of ferromagnetism at room temperature in ZnO thin films. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 036219.	1.8	284
3	Room temperature ferromagnetism in laser ablated Ni-doped In <sub>2</sub> O <sub>3</sub> thin films. <i>Applied Physics Letters</i> , 2005, 87, 102505.	3.3	113
4	Mn-doped ZnO and (Mn, Cu)-doped ZnO thin films: Does the Cu doping indeed play a key role in tuning the ferromagnetism?. <i>Applied Physics Letters</i> , 2005, 86, 082505.	3.3	83
5	Co-doped In <sub>2</sub> O <sub>3</sub> thin films: Room temperature ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 228-231.	2.3	71
6	Magnetism in transition-metal-doped In <sub>2</sub> O <sub>3</sub> thin films. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 6897-6905.	1.8	45
7	Does Mn doping play any key role in tailoring the ferromagnetic ordering of TiO <sub>2</sub> thin films?. <i>Applied Physics Letters</i> , 2006, 89, 252504.	3.3	42
8	Temperature dependence of electron spin resonance in CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> substituted with transition metal elements. <i>Solid State Sciences</i> , 2009, 11, 875-880.	3.2	16
9	Undoped TiO <sub>2</sub> and nitrogen-doped TiO <sub>2</sub> thin films deposited by atomic layer deposition on planar and architected surfaces for photovoltaic applications. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, 01A141.	2.1	13
10	Degradation of magnetic ordering in In <sub>2</sub> O <sub>3</sub> thin films due to Mn and Cu dopings. <i>Physica B: Condensed Matter</i> , 2007, 392, 379-382.	2.7	12
11	Remarkable Influence of molecular structure of N,N'-unsymmetrically substituted 1,3-amidinate and -guanidinate on the Volatility and the Thermal Stability of Precursors for HfO <sub>2</sub> Films via Liquid Injection-MOCVD. <i>ECS Transactions</i> , 2009, 25, 151-158.	0.5	8
12	Developments of TaN ALD Process for 3D Conformal Coatings. <i>Chemical Vapor Deposition</i> , 2011, 17, 284-295.	1.3	6
13	Synthesis and microstructural TEM investigation of CaCu <sub>3</sub> Ru <sub>4</sub> O <sub>12</sub> ceramic and thin film. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2719-2723.	2.9	5
14	Organic Grafting on Si for Interfacial SiO <sub>2</sub> Growth Inhibition During Chemical Vapor Deposition of HfO <sub>2</sub> . <i>Chemistry of Materials</i> , 2012, 24, 3135-3142.	6.7	5
15	(Invited) Dielectric Properties and Flat-Band Voltages of Doped- HfO <sub>2</sub> Thin Films. <i>ECS Transactions</i> , 2010, 28, 191-202.	0.5	3
16	(Invited) Developments of ALD Processes: Experiments and Thermodynamic Evaluations. <i>ECS Transactions</i> , 2010, 33, 321-332.	0.5	2
17	ALD TaN from PDMAT in TSV Architectures. <i>ECS Transactions</i> , 2010, 33, 183-193.	0.5	2
18	Atomic Layer Deposition of TiO <sub>2</sub> ultrathin films on 3D substrates for energy applications. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1439, 63-68.	0.1	2

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19	Sc Addition In HfO <sub>2</sub> Thin Films Prepared By Liquid-injection MOCVD. ECS Transactions, 2008, 13, 157-162.	0.5	1
20	Elimination of Oxidation-Induced Stacking Faults in Silicon Single Crystals Using the Kyropoulos Crystal Growth Method. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700961.	1.8	0