

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

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all docs

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docs citations

20
times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	Elimination of Oxidation-Induced Stacking Faults in Silicon Single Crystals Using the Kyropoulos Crystal Growth Method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700961.	1.8	0
2	Undoped TiO ₂ and nitrogen-doped TiO ₂ 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
3	Atomic Layer Deposition of TiO ₂ ultrathin films on 3D substrates for energy applications. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1439, 63-68.	0.1	2
4	Organic Grafting on Si for Interfacial SiO ₂ Growth Inhibition During Chemical Vapor Deposition of HfO ₂ . <i>Chemistry of Materials</i> , 2012, 24, 3135-3142.	6.7	5
5	Synthesis and microstructural TEM investigation of CaCu ₃ Ru ₄ O ₁₂ ceramic and thin film. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2719-2723.	2.9	5
6	Developments of TaN ALD Process for 3D Conformal Coatings. <i>Chemical Vapor Deposition</i> , 2011, 17, 284-295.	1.3	6
7	(Invited) Dielectric Properties and Flat-Band Voltages of Doped- HfO ₂ Thin Films. <i>ECS Transactions</i> , 2010, 28, 191-202.	0.5	3
8	(Invited) Developments of ALD Processes: Experiments and Thermodynamic Evaluations. <i>ECS Transactions</i> , 2010, 33, 321-332.	0.5	2
9	ALD TaN from PDMAT in TSV Architectures. <i>ECS Transactions</i> , 2010, 33, 183-193.	0.5	2
10	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 ₂ Films via Liquid Injection-MOCVD. <i>ECS Transactions</i> , 2009, 25, 151-158.	0.5	8
11	Temperature dependence of electron spin resonance in CaCu ₃ Ti ₄ O ₁₂ substituted with transition metal elements. <i>Solid State Sciences</i> , 2009, 11, 875-880.	3.2	16
12	Sc Addition In HfO ₂ Thin Films Prepared By Liquid-injection MOCVD. <i>ECS Transactions</i> , 2008, 13, 157-162.	0.5	1
13	Observation of ferromagnetism at room temperature in ZnO thin films. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 036219.	1.8	284
14	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
15	Does Mn doping play any key role in tailoring the ferromagnetic ordering of TiO ₂ thin films?. <i>Applied Physics Letters</i> , 2006, 89, 252504.	3.3	42
16	Room-temperature ferromagnetism observed in undoped semiconducting and insulating oxide thin films. <i>Physical Review B</i> , 2006, 73, .	3.2	804
17	Magnetism in transition-metal-doped In ₂ O ₃ thin films. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 6897-6905.	1.8	45
18	Co-doped In ₂ O ₃ thin films: Room temperature ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 228-231.	2.3	71

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19	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
20	Room temperature ferromagnetism in laser ablated Ni-doped In ₂ O ₃ thin films. Applied Physics Letters, 2005, 87, 102505.	3.3	113