Graziella Malandrino

List of Publications by Year
in descending order

190	3,730	136950	223800
papers	citations	32 h-index	46 g-index

195	195	195	3550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lead-Free LiNbO3 Thick Film MEMS Kinetic Cantilever Beam Sensor/Energy Harvester. Sensors, 2022, 22, 559.	3.8	7
2	Selfâ€Poled Heteroepitaxial Bi_{(1â^'}_x₎Dy_xFeO₃ Films with Promising Pyroelectric Properties. Advanced Materials Interfaces, 2022, 9, .	3.7	3
3	Multifunctional â€œDy(hfa)3â€¢glymeâ€•adducts: Synthesis and magnetic/luminescent behaviour. Inorganica Chimica Acta, 2022, 535, 120851.	2.4	1
4	Dy-Doped BiFeO₃ thin films: piezoelectric and bandgap tuning. Materials Advances, 2022, 3, 3446-3456.	5.4	4
5	Metalâ€Organic Chemical Vapor Deposition of Oxide Perovskite Films: A Facile Route to Complex Functional Systems. Advanced Materials Interfaces, 2022, 9, .	3.7	4
6	Journey of a molecule from the solid to the gas phase and vice versa: direct estimation of vapor pressure of alkaline-earth metalorganic precursors for atmospheric pressure vapor phase deposition of fluoride films. Dalton Transactions, 2022, 51, 7352-7362.	3.3	4
7	Sensing enhancement of a Fabry-Perot THz cavity using switchable VO₂ mirrors. Optics Express, 2022, 30, 19402.	3.4	7
8	A molecular route to fluoro-perovskite materials: synthesis of CsCaF3 films through a solâ€“gel/spin-coating process. Discover Materials, 2022, 2, .	2.8	4
9	Two-step MAPbI₃ deposition by low-vacuum proximity-space-effusion for high-efficiency inverted semitransparent perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 16456-16469.	10.3	25
10	A Facile One-Pot Approach to the Synthesis of Gd-Eu Based Metal-Organic Frameworks and Applications to Sensing of Fe3+ and Cr2O72â^' Ions. Sensors, 2021, 21, 1679.	3.8	13
11	Oregano and Thyme Essential Oils Encapsulated in Chitosan Nanoparticles as Effective Antimicrobial Agents against Foodborne Pathogens. Molecules, 2021, 26, 4055.	3.8	42
12	A Oneâ€Pot Synthesis of â€œK(hfa) glymeâ€•Adducts: Effect of the Polyether Length on the Ion Coordination Sphere. European Journal of Inorganic Chemistry, 2021, 2021, 3776-3780.	2.0	4
13	Surfactant-Free Synthesis of the Full Inorganic Perovskite CsPbBr₃: Evolution and Phase Stability of CsPbBr₃ vs CsPb₂Br₅ and Their Photocatalytic Properties. ACS Applied Energy Materials, 2021, 4, 9431-9439.	5.1	13
14	Development of superhydrophobic, self-cleaning, and flame-resistant DLC/TiO2 melamine sponge for application in oilâ€“water separation. Journal of Materials Science, 2020, 55, 2846-2859.	3.7	39
15	Piezoelectric Ba and Ti co-doped BiFeO₃ textured films: selective growth of solid solutions or nanocomposites. Journal of Materials Chemistry C, 2020, 8, 16168-16179.	5.5	8
16	Energy conversion systems: Molecular architecture engineering of metal precursors and their applications to vapor phase and solution routes. Journal of Materials Research, 2020, 35, 2950-2966.	2.6	10
17	Upconverting tri-doped calcium fluoride-based thin films: a comparison of the MOCVD and solâ€“gel preparation methods. Journal of Materials Chemistry C, 2020, 8, 3865-3877.	5.5	16
18	Facile synthesis of novel lithium Î²-diketonate glyme adducts: the effect of molecular engineering on the thermal properties. Dalton Transactions, 2020, 49, 1002-1006.	3.3	11

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19	Piezoelectric BiFeO3 Thin Films: Optimization of MOCVD Process on Si. Nanomaterials, 2020, 10, 630.	4.1	11
20	Surface anchoring of bi-functional organic linkers on piezoelectric BiFeO 3 films and particles: Comparison between carboxylic and phosphonic tethering groups. Surface and Coatings Technology, 2018, 343, 75-82.	4.8	12
21	Vapochromic and chemiresistive characteristics of a nanostructured molecular material composed of a zinc(<scp>ii</scp>)-salophen complex. Dalton Transactions, 2018, 47, 15977-15982.	3.3	11
22	Heterobimetallic Sodium Rare-Earth Complexes: â€œThird-Generationâ€•MOCVD Precursors for the Deposition of NaREF₄ (RE = Y, Gd) Films. Inorganic Chemistry, 2018, 57, 15035-15039.	4.0	18
23	ZnO-Cu2O core-shell nanowires as stable and fast response photodetectors. Nano Energy, 2018, 51, 308-316.	16.0	94
24	Novel solâ€“gel fabrication of Yb3+/Tm3+ co-doped Î²-NaYF4 thin films and investigation of their upconversion properties. Photochemical and Photobiological Sciences, 2018, 17, 1239-1246.	2.9	17
25	Sb-implanted ZnO ultra-thin films. Materials Science in Semiconductor Processing, 2017, 69, 32-35.	4.0	3
26	MOCVD Growth of Perovskite Multiferroic BiFeO₃ Films: The Effect of Doping at the A and/or B Sites on the Structural, Morphological and Ferroelectric Properties. Advanced Materials Interfaces, 2017, 4, 1601025.	3.7	13
27	Perovskites: Endless Source of â€œFunctionalitiesâ€• Advanced Materials Interfaces, 2017, 4, .	3.7	0
28	Nanostructured CaF₂:Ln³⁺ (Ln³⁺ =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Yb<sup>3+</ and Their Upconversion Properties. Advanced Materials Interfaces, 2017, 4, 1700245.	3.7	18
29	Upconverting Er³⁺,Yb³⁺ activated Î²-NaYF₄ thin films: a solution route using a novel sodium Î²-diketonate polyether adduct. New Journal of Chemistry, 2017, 41, 4771-4775.	2.8	18
30	Deposition of metallic silver coatings by Aerosol Assisted MOCVD using two new silver Î²-diketonate adduct metalorganic precursors. Dalton Transactions, 2017, 46, 10986-10995.	3.3	12
31	The quest towards epitaxial BaMgF4 thin films: exploring MOCVD as a chemical scalable approach for the deposition of complex metal fluoride films. Dalton Transactions, 2016, 45, 17833-17842.	3.3	3
32	Multi-Scale-Porosity TiO2 scaffolds grown by innovative sputtering methods for high throughput hybrid photovoltaics. Scientific Reports, 2016, 6, 39509.	3.3	34
33	From PbI₂ to MAPbI₃ through Layered Intermediates. Journal of Physical Chemistry C, 2016, 120, 19768-19777.	3.1	26
34	Effect of advanced nanowire-based targets in nanosecond laser-matter interaction (invited). Review of Scientific Instruments, 2016, 87, 02B324.	1.3	2
35	Supramolecular assembly of a succinyl-calix[4]arene derivative in multilamellar vesicles. Supramolecular Chemistry, 2016, 28, 377-383.	1.2	6
36	Morphology-controlled synthesis of NiO films: the role of the precursor and the effect of the substrate nature on the films' structural/optical properties. RSC Advances, 2016, 6, 30813-30823.	3.6	24

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37	Metalâ€Organic Chemical Vapor Deposition (MOCVD) Synthesis of Heteroepitaxial Pr_{0.7}Ca_{0.3}MnO₃ Films: Effects of Processing Conditions on Structural/Morphological and Functional Properties. ChemistryOpen, 2015, 4, 523-532.	1.9	10
38	Phaseâ€selective Route to Vâ€O Film Formation: A Systematic MOCVD Study Into the Effects of Deposition Temperature on Structure and Morphology. Chemical Vapor Deposition, 2015, 21, 319-326.	1.3	8
39	A practical MOCVD approach to the growth of Pr_{1-x}Ca_xMnO₃films on single crystal substrates. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1550-1555.	1.8	3
40	The role of oxide location in HMF etherification with ethanol over sulfated ZrO2 supported on SBA-15. Journal of Catalysis, 2015, 323, 19-32.	6.2	59
41	An insight into the epitaxial nanostructures of NiO and CeO2 thin film dielectrics for AlGaN/GaN heterostructures. Materials Chemistry and Physics, 2015, 162, 461-468.	4.0	12
42	Spatially Confined Functionalization of Transparent NiO Thin Films with a Luminescent (1,10â€Phenanthroline)tris(2â€thenoyltrifluoroacetonato)europium Monolayer. European Journal of Inorganic Chemistry, 2015, 2015, 1261-1268.	2.0	7
43	Metal Organic Chemical Vapor Deposition of nickel oxide thin films for wide band gap device technology. Thin Solid Films, 2014, 563, 50-55.	1.8	29
44	Self-assembled nanostructures of amphiphilic zinc(<scp>ii</scp>) salophen complexes: role of the solvent on their structure and morphology. Dalton Transactions, 2014, 43, 10208-10214.	3.3	28
45	Phase Transition and Vapochromism in Molecular Assemblies of a Polymorphic Zinc(II) Schiff-Base Complex. Inorganic Chemistry, 2014, 53, 9771-9777.	4.0	41
46	Perovskite LaCoO3 thin films on single crystal substrates: MOCVD growth and characterization. Surface and Coatings Technology, 2013, 230, 174-179.	4.8	7
47	Binary and complex oxide thin films for microelectronic applications: An insight into their growth and advanced nanoscopic investigation. Surface and Coatings Technology, 2013, 230, 152-162.	4.8	4
48	Multifunctional Manganese Single Source Precursor for the Selective Deposition of MnF2 or Mn3O4. Physics Procedia, 2013, 46, 118-126.	1.2	5
49	Piezoelectric domains in BiFeO3 films grown via MOCVD: Structure/property relationship. Surface and Coatings Technology, 2013, 230, 168-173.	4.8	12
50	Precursor adsorption efficiency of titanium tetra isopropoxide in the presence of a barium Î²-diketonate precursor. Surface and Coatings Technology, 2013, 230, 297-304.	4.8	8
51	Fascinating Role of the Number of f Electrons in Dipolar and Octupolar Contributions to Quadratic Hyperpolarizability of Trinuclear Lanthanides-Biscopper Schiff Base Complexes. Inorganic Chemistry, 2013, 52, 7550-7556.	4.0	10
52	Controlling the Molecular Self-Assembly into Nanofibers of Amphiphilic Zinc(II) Salophen Complexes. Journal of Physical Chemistry C, 2013, 117, 15335-15341.	3.1	23
53	Potentialities of Nickel Oxide as Dielectric for GaN and SiC Devices. Materials Science Forum, 2013, 740-742, 777-780.	0.3	2
54	A Novel Manganese(II) MOCVD Precursor: Synthesis, Characterization, and Mass Transport Properties of Mn(hfa)₂â€¢tmeda. Chemical Vapor Deposition, 2013, 19, 22-28.	1.3	14

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55	High permittivity cerium oxide thin films on AlGaN/GaN heterostructures. Applied Physics Letters, 2013, 103, .	3.3	20
56	Epitaxial NiO gate dielectric on AlGaN/GaN heterostructures. Applied Physics Letters, 2012, 100, 063511.	3.3	42
57	CaCu3Ti4O12 thin films on conductive oxide electrode: A comparative study between chemical and physical vapor deposition routes. Materials Chemistry and Physics, 2012, 133, 1108-1115.	4.0	4
58	Control of Heteroepitaxial Growth of CaCu₃Ti₄O₁₂ Films on SrTiO₃ Substrates by MOCVD. Chemical Vapor Deposition, 2012, 18, 76-82.	1.3	6
59	Pomponâ€Like MnF₂ Nanostructures from a Singleâ€Source Precursor through Atmospheric Pressure Chemical Vapor Deposition. European Journal of Inorganic Chemistry, 2012, 2012, 1021-1024.	2.0	9
60	New molecular architectures by aggregation of tailored zinc(ii) Schiff-base complexes. New Journal of Chemistry, 2011, 35, 2826.	2.8	37
61	Effects of Metal-Organic Chemical Vapour Deposition grown seed layer on the fabrication of well aligned ZnO nanorods by Chemical Bath Deposition. Thin Solid Films, 2011, 519, 7694-7701.	1.8	32
62	MOCVD Fabrication of Magnesium Fluoride Films: Effects of Deposition Parameters on Structure and Morphology. Chemical Vapor Deposition, 2011, 17, 80-87.	1.3	13
63	BiFeO₃ Films Doped in the A or B Sites: Effects on the Structural and Morphological Properties. Journal of Nanoscience and Nanotechnology, 2011, 11, 8221-8225.	0.9	9
64	ZnO nanorod arrays fabrication via chemical bath deposition: Ligand concentration effect study. Superlattices and Microstructures, 2010, 48, 408-415.	3.1	30
65	A novel MOCVD strategy for the fabrication of cathode in a solid oxide fuel cell: Synthesis of La0.8Sr0.2MnO3 films on YSZ electrolyte pellets. Materials Chemistry and Physics, 2010, 124, 1015-1021.	4.0	18
66	Inâ€Situ Growth and Characterization of Highly Textured La_{0.9}Sr_{0.1}MnO₃ Films on LaAlO₃(100) Substrates. Chemical Vapor Deposition, 2010, 16, 143-150.	1.3	9
67	Colloidal lithography and Metal-Organic Chemical Vapor Deposition process integration to fabricate ZnO nanohole arrays. Thin Solid Films, 2010, 518, 4484-4488.	1.8	4
68	Metal-organic chemical vapour deposition of Nd2/3Cu3Ti4O12films. IOP Conference Series: Materials Science and Engineering, 2010, 8, 012019.	0.6	1
69	MOCVD approach to perovskite based thin films: From high Tcsuperconductors to giant dielectric constant materials. IOP Conference Series: Materials Science and Engineering, 2010, 8, 012005.	0.6	3
70	High capacitance density by CaCu3Ti4O12 thin films. Journal of Applied Physics, 2010, 108, .	2.5	23
71	Eu-Doped Titania Nanofibers: Processing, Thermal Behaviour and Luminescent Properties. Journal of Nanoscience and Nanotechnology, 2010, 10, 5183-5190.	0.9	36
72	Fluorinated Î²-Diketonate Diglyme Lanthanide Complexes as New Second-Order Nonlinear Optical Chromophores: The Role of f Electrons in the Dipolar and Octupolar Contribution to Quadratic Hyperpolarizability. Journal of the American Chemical Society, 2010, 132, 4966-4970.	13.7	55

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73	Coreâ€“shell Zn-doped TiO2â€“ZnO nanofibers fabricated via a combination of electrospinning and metalâ€“organic chemical vapour deposition. CrystEngComm, 2010, 12, 3858.	2.6	53
74	Perovskite CaCu3Ti4O12 thin films for capacitive applications: From the growth to the nanoscopic imaging of the permittivity. Journal of Applied Physics, 2009, 105, 061634.	2.5	25
75	Optimization of Calcium Precursor Transport for High Vacuum Chemical Vapor Deposition (HVCVD). ECS Transactions, 2009, 25, 173-179.	0.5	1
76	A Template Metal-Organic Chemical Vapour Deposition Route to the Fabrication of Free Standing Co₃O₄ Nanotube Arrays. Nanoscience and Nanotechnology Letters, 2009, 1, 87-92.	0.4	3
77	Is There a ZnO Face Stable to Atomic Hydrogen?. Advanced Materials, 2009, 21, 1700-1706.	21.0	53
78	Structural, Optical, and Electrical Characterization of ZnO and Alâ€doped ZnO Thin Films Deposited by MOCVD. Chemical Vapor Deposition, 2009, 15, 327-333.	1.3	22
79	Characterization of ZnO and ZnO:Al films deposited by MOCVD on oriented and amorphous substrates. Microelectronics Journal, 2009, 40, 381-384.	2.0	35
80	Neodymium Î²-diketonate glyme complexes: Synthesis and characterization of volatile precursors for MOCVD applications. Inorganica Chimica Acta, 2009, 362, 4623-4629.	2.4	18
81	Microstructural and Optical Properties Modifications Induced by Plasma and Annealing Treatments of Lanthanum Oxide Solâ^'Gel Thin Films. Journal of Physical Chemistry C, 2009, 113, 2911-2918.	3.1	20
82	Synthesis, Characterization, and Mass Transport Properties of a Self-Generating Single-Source Magnesium Precursor for MOCVD of MgF2 Films. Chemistry of Materials, 2009, 21, 2062-2069.	6.7	25
83	A novel approach to grow ZnOnanowires and nanoholes by combined colloidal lithography and MOCVD deposition. Chemical Communications, 2009, , 839-841.	4.1	10
84	Controlled large-scale fabrication of sea sponge-like ZnO nanoarchitectures on textured silicon. CrystEngComm, 2009, 11, 2770.	2.6	12
85	Heteroepitaxial YAlO₃ Films on (100)SrTiO₃ Substrates: The Use of Pole Figures as a Nonâ€invasive Tool to Assess the Direction of Growth. Chemical Vapor Deposition, 2008, 14, 46-50.	1.3	7
86	Growth of ZnO Nanostructures Produced by MOCVD: A Study of the Effect of the Substrate. Chemical Vapor Deposition, 2008, 14, 115-122.	1.3	16
87	Metalâ€“organic chemical vapor deposition of Bi2Mn4O10 films on SrTiO3 ã€ˆ100ã€‰. Inorganica Chimica Acta, 2008, 361, 4118-4121.	2.4	1
88	Spontaneous Self-Assembly of Water-Soluble Nucleotideâ^'Calixarene Conjugates in Small Micelles Coalescing to Microspheres. Langmuir, 2008, 24, 6194-6200.	3.5	37
89	Relationship between Nanostructure and Optical Properties of ZnO Thin Films. Journal of Physical Chemistry C, 2008, 112, 9595-9599.	3.1	41
90	Tailoring nanostructure of ZnO thin films by plasma assisted and Au-catalyst assisted MOCVD. Journal of Non-Crystalline Solids, 2008, 354, 2821-2825.	3.1	3

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91	Structural and Optical Properties of Nanocrystalline Er[sub 2]O[sub 3] Thin Films Deposited by a Versatile Low-Pressure MOCVD Approach. Journal of the Electrochemical Society, 2008, 155, G44.	2.9	20
92	Plasma ehnancement of metalorganic chemical vapor deposition and properties of Er2O3 nanostructured thin films. Applied Physics Letters, 2007, 91, 061923.	3.3	6
93	Comparison between First- and Second-Generation Praseodymium Precursors for the MOCVD Synthesis of Praseodymium Aluminate Thin Films. Chemistry of Materials, 2007, 19, 4442-4446.	6.7	5
94	MOCVD Template Approach to the Fabrication of Free-Standing Nickel(II) Oxide Nanotube Arrays:â€‰ Structural, Morphological, and Optical Properties Characterization. Journal of Physical Chemistry C, 2007, 111, 3211-3215.	3.1	46
95	Template-Free and Seedless Growth of Pt Nanocolumns: Imaging and Probing Their Nanoelectrical Properties. ACS Nano, 2007, 1, 183-190.	14.6	8
96	Multifunctional Nanocrystalline Thin Films of Er₂O₃: Interplay between Nucleation Kinetics and Film Characteristics. Advanced Functional Materials, 2007, 17, 3607-3612.	14.9	22
97	An MOCVD Route to Barium Borate Thin Films from a Barium Hydroâ€tri(1â€pyrazolyl)borate Singleâ€Source Precursor. Chemical Vapor Deposition, 2007, 13, 651-655.	1.3	7
98	Effect of growth parameters on crystallinity and properties of ZnO films grown by plasma assisted MOCVD. Superlattices and Microstructures, 2007, 42, 40-46.	3.1	10
99	Effects of high temperature annealing on MOCVD grown CaCu3Ti4O12 films on LaAlO3 substrates. Surface and Coatings Technology, 2007, 201, 9243-9247.	4.8	15
100	Chemical stability of CaCu3Ti4O12 thin films grown by MOCVD on different substrates. Thin Solid Films, 2007, 515, 6470-6473.	1.8	22
101	Engineering of molecular architectures of Î²-diketonate precursors toward new advanced materials. Coordination Chemistry Reviews, 2007, 251, 1931-1950.	18.8	91
102	Magnesium hydrotris(1-pyrazolyl)borate as a promising single source MOCVD precursor of magnesium borate phases. Inorganica Chimica Acta, 2007, 360, 1138-1142.	2.4	6
103	Defects induced anomalous breakdown kinetics in Pr2O3 by micro- and nano-characterization. Microelectronics Reliability, 2007, 47, 640-644.	1.7	3
104	Cathodoluminescence Investigation of Residual Stress in Er3+:YAlO3Thin Films Grown on (110) SrTiO3Substrate by Metal-Organic Chemical Vapor Deposition. Journal of Physical Chemistry B, 2006, 110, 23977-23981.	2.6	14
105	Synthesis, characterization and application of Ni(tta)2Â·tmeda to MOCVD of nickel oxide thin films. Dalton Transactions, 2006, , 1101-1106.	3.3	31
106	Calcium Copperâ"Titanate Thin Film Growth:Â Tailoring of the Operational Conditions through Nanocharacterization and Substrate Nature Effects. Journal of Physical Chemistry B, 2006, 110, 17460-17467.	2.6	33
107	Lanthanide â€œsecond-generationâ€•precursors for MOCVD applications: Effects of the metal ionic radius and polyether length on coordination spheres and mass-transport properties. Coordination Chemistry Reviews, 2006, 250, 1605-1620.	18.8	68
108	Praseodymium based high-k dielectrics grown on Si and SiC substrates. Materials Science in Semiconductor Processing, 2006, 9, 1073-1078.	4.0	12

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109	Structuralâ€“optical study of high-dielectric-constant oxide films. Applied Surface Science, 2006, 253, 322-327.	6.1	26
110	Silicate formation at the interface of Pr-oxide as a high-K dielectric and Si(001) surfaces. Materials Science and Engineering C, 2006, 26, 1122-1126.	7.3	4
111	An MOCVD Approach to High-k Praseodymium-Based Films. Chemical Vapor Deposition, 2006, 12, 109-124.	1.3	13
112	Effects of Processing Parameters in the MOCVD Growth of Nanostructured Lanthanum Trifluoride and Oxyfluoride Thin Films. Chemical Vapor Deposition, 2006, 12, 736-741.	1.3	25
113	Electron Transport and Dielectric Breakdown Kinetics in Pr₂O₃High K Films. Advances in Science and Technology, 2006, 46, 21.	0.2	0
114	MOCVD Route to the Fabrication of Calcium Copper Titanate (CaCu₃Ti₄O₁₂) Thin Films. Advances in Science and Technology, 2006, 45, 1194-1199.	0.2	0
115	Plasma-assisted metalorganic chemical vapor deposition growth of ZnO thin films. Journal of Materials Research, 2006, 21, 1632-1637.	2.6	16
116	Effects of deposition temperature on the microstructural and electrical properties of praseodymium oxide-based films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 118, 117-121.	3.5	11
117	Effects of the thermal annealing processes on praseodymium oxide based films grown on silicon substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 118, 192-196.	3.5	5
118	Reactivity of ZnO: Impact of polarity and nanostructure. Superlattices and Microstructures, 2005, 38, 291-299.	3.1	17
119	Fabrication of TlBa2CaCu2O7c-Axis Oriented Films Through a Hybrid In-Situ MOCVD Process. Chemical Vapor Deposition, 2005, 11, 381-387.	1.3	3
120	Praseodymium Silicate as a High-kDielectric Candidate: An Insight into the Pr2O3-Film/Si-Substrate Interface Fabricated Through a Metal-Organic Chemical Vapor Deposition Process. Advanced Functional Materials, 2005, 15, 838-845.	14.9	32
121	Plasma-Assisted MOCVD Growth of ZnO Thin Films. Materials Research Society Symposia Proceedings, 2005, 892, 400.	0.1	1
122	Breakdown kinetics of Pr2O3 films by conductive-atomic force microscopy. Applied Physics Letters, 2005, 87, 231913.	3.3	32
123	Synthesis and characterization of La2â€“xBaxCuO4+Î´ thin film through a simple MOCVD approach. Journal of Materials Chemistry, 2005, 15, 4718.	6.7	15
124	Multifunctional cadmium single source precursor for the selective deposition of CdO or CdS by a solution route. Chemical Communications, 2005, , 5681.	4.1	12
125	Morphological and structural control of nanostructured <100> oriented CeO2 films grown on random metallic substrates. Journal of Materials Chemistry, 2005, 15, 2328.	6.7	36
126	A Novel Diamine Adduct of Zinc Bis(2-thenoyl-trifluoroacetonate) as a Promising Precursor for MOCVD of Zinc Oxide Films. Inorganic Chemistry, 2005, 44, 9684-9689.	4.0	39

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127	Recent Advances in Characterization of CaCu3Ti4O12Thin Films by Spectroscopic Ellipsometric Metrology. Journal of the American Chemical Society, 2005, 127, 13772-13773.	13.7	28
128	From micro- to nanotransport properties in Pr2O3-based thin layers. Journal of Applied Physics, 2005, 98, 044312.	2.5	25
129	Properties of Pr-based high k dielectric films obtained by Metal-Organic Chemical Vapor Deposition. Materials Research Society Symposia Proceedings, 2004, 811, 393.	0.1	0
130	Study of the Thermal Properties of Pr(III) Precursors and Their Implementation in the MOCVD Growth of Praseodymium Oxide Films [J. Electrochem. Soc., 151, F206 (2004)]. Journal of the Electrochemical Society, 2004, 151, L16.	2.9	0
131	Study of the Thermal Properties of Pr(III) Precursors and Their Implementation in the MOCVD Growth of Praseodymium Oxide Films. Journal of the Electrochemical Society, 2004, 151, F206.	2.9	30
132	A Novel Approach to Synthesizing Calcium Copper Titanate Thin Films with Giant Dielectric Constants. Advanced Materials, 2004, 16, 891-895.	21.0	40
133	YttriumÎ²-Diketonate Glyme MOCVD Precursors: Effects of the Polyether Length on Stabilities, Mass Transport Properties and Coordination Spheres. European Journal of Inorganic Chemistry, 2004, 2004, 500-509.	2.0	44
134	MOCVD of LaAlO3 Films from a Molten Precursor Mixture: Characterization of Liquid, Gas, and Deposited Phases. Chemical Vapor Deposition, 2004, 10, 171-177.	1.3	17
135	MOCVD Growth, Micro-Structural, and Superconducting Properties of a-Axis Oriented TlBaCaCuO Thin Films.. ChemInform, 2004, 35, no.	0.0	0
136	Novel MOCVD approach to the low pressure in situ growth of TlBa2CaCu2O7 films. Physica C: Superconductivity and Its Applications, 2004, 408-410, 894-895.	1.2	9
137	A volatile Pb(II) Î²-Diketonate diglyme complex as a promising precursor for MOCVD of lead oxide films. Inorganica Chimica Acta, 2004, 357, 3927-3933.	2.4	24
138	Silver nanowires by a sonoself-reduction template process. Journal of Materials Chemistry, 2004, 14, 2726-2728.	6.7	29
139	Free-Standing Copper(II) Oxide Nanotube Arrays through an MOCVD Template Process. Chemistry of Materials, 2004, 16, 5559-5561.	6.7	67
140	MOCVD Growth, Micro-Structural, and Superconducting Properties ofa-Axis Oriented TlBaCaCuO Thin Films. Chemistry of Materials, 2004, 16, 608-613.	6.7	10
141	Relationship between the Nanostructures and the Optical Properties of CeO2Thin Films. Journal of Physical Chemistry B, 2004, 108, 16357-16364.	2.6	35
142	Polystyrene-Clay Nanocomposites Prepared with Polymerizable Imidazolium Surfactants. Macromolecular Rapid Communications, 2003, 24, 1079-1084.	3.9	96
143	A Simple Route to the Synthesis of Pr2O3 High-k Thin Films. Advanced Materials, 2003, 15, 1071-1075.	21.0	59
144	Structural and morphological characterisation of heteroepitaxial CeO2 films grown on YSZ (100) and TiO2 (001) by metalâ€“organic chemical vapour deposition. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 102, 323-326.	3.5	4

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145	Heteroepitaxial Growth of Nanostructured Cerium Dioxide Thin Films by MOCVD on a (001) TiO2Substrate. Chemistry of Materials, 2003, 15, 1434-1440.	6.7	33
146	Synthesis, crystal structure and mass transport properties of novel thallium ion precursors for MOCVD applications. Dalton Transactions, 2003, , 369-374.	3.3	6
147	Dielectric properties of Pr2O3 high-k films grown by metalorganic chemical vapor deposition on silicon. Applied Physics Letters, 2003, 83, 129-131.	3.3	51
148	Superconducting miniaturized antennas based on dual-mode cross-slotted patches. Superconductor Science and Technology, 2002, 15, 581-585.	3.5	6
149	MOCVD of CeF3films on Si(100) substrates: synthesis, characterization and luminescence spectroscopy. Journal of Materials Chemistry, 2002, 12, 2816-2819.	6.7	27
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