

Ola Nilsen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

3,124
citations

34
h-index

48
g-index

149
ext. papers

3,375
ext. citations

4.1
avg. IF

5.47
L-index

#	Paper	IF	Citations
141	Photoactive Zr-aromatic hybrid thin films made by molecular layer deposition. <i>RSC Advances</i> , 2022 , 12, 15718-15727	3.7	
140	Effect of Subcycle Arrangement on Direct Epitaxy in ALD of LaNiO ₃ . <i>ACS Applied Electronic Materials</i> , 2021 , 3, 292-298	4	0
139	Phosphites as precursors in atomic layer deposition thin film synthesis. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021 , 39, 032404	2.9	2
138	Molecular layer deposition of photoactive metal-naphthalene hybrid thin films. <i>Dalton Transactions</i> , 2021 , 50, 12896-12905	4.3	3
137	Quinizarin: a large aromatic molecule well suited for atomic layer deposition. <i>Dalton Transactions</i> , 2021 , 50, 8307-8313	4.3	1
136	Utilizing Zirconium MOF-functionalized Fiber Substrates Prepared by Molecular Layer Deposition for Toxic Gas Capture and Chemical Warfare Agent Degradation.. <i>Global Challenges</i> , 2021 , 5, 2100001	4.3	2
135	Selective etching of nanostructured a-Si:Al and its effect on porosity, Al gradient and surface oxidation. <i>Thin Solid Films</i> , 2020 , 702, 137982	2.2	0
134	High power iron phosphate cathodes by atomic layer deposition. <i>Solid State Ionics</i> , 2020 , 353, 115377	3.3	3
133	A foundation for complex oxide electronics -low temperature perovskite epitaxy. <i>Nature Communications</i> , 2020 , 11, 2872	17.4	15
132	Solar-driven plasmonic heterostructure Ti/TiO with gradient doping for sustainable plasmon-enhanced catalysis. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 7769-7777	3.6	4
131	Area-selective atomic layer deposition of molybdenum oxide. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020 , 38, 042406	2.9	4
130	Crystallization, Phase Stability, and Electrochemical Performance of BiMoO ₃ Thin Films. <i>Crystal Growth and Design</i> , 2020 , 20, 3861-3866	3.5	7
129	MOF thin films with bi-aromatic linkers grown by molecular layer deposition. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2539-2548	13	25
128	Al incorporation during metal organic chemical vapour deposition of aluminium zinc oxide. <i>Thin Solid Films</i> , 2020 , 709, 138245	2.2	1
127	Ionic conductivity in Li _x TaO _y thin films grown by atomic layer deposition. <i>Electrochimica Acta</i> , 2020 , 361, 137019	6.7	3
126	LiF by atomic layer deposition Made easy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020 , 38, 050401	2.9	4
125	tert-butoxides as precursors for atomic layer deposition of alkali metal containing thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020 , 38, 060804	2.9	7

124	Design of experiments approach to luminescent CaMoO ₄ by atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020 , 38, 052408	2.9	
123	Understanding KOBu in atomic layer deposition - mechanistic studies of the KNbO growth process. <i>Dalton Transactions</i> , 2020 , 49, 13233-13242	4.3	4
122	Tuning electronic properties in LaNiO ₃ thin films by B-site Cu-substitution. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12662-12668	7.1	4
121	Single-step approach to sensitized luminescence through bulk-embedded organics in crystalline fluorides. <i>Communications Chemistry</i> , 2020 , 3,	6.3	3
120	Biocompatible organic-inorganic hybrid materials based on nucleobases and titanium developed by molecular layer deposition. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 399-411	3	5
119	Black silicon with order-disordered structures for enhanced light trapping and photothermal conversion. <i>Nano Energy</i> , 2019 , 65, 103992	17.1	21
118	Chemical Uniformity in Ferroelectric K Na NbO Thin Films. <i>Global Challenges</i> , 2019 , 3, 1800114	4.3	8
117	Controlling luminescence and quenching mechanisms in subnanometer multilayer structure of europium titanium oxide thin films. <i>Journal of Luminescence</i> , 2019 , 215, 116618	3.8	5
116	Sensors for optical thermometry based on luminescence from layered YVO: Ln (Ln = Nd, Sm, Eu, Dy, Ho, Er, Tm, Yb) thin films made by atomic layer deposition. <i>Scientific Reports</i> , 2019 , 9, 10247	4.9	34
115	Phase and Orientation Control of NiTiO Thin Films. <i>Materials</i> , 2019 , 13,	3.5	3
114	Control of growth orientation in as-deposited epitaxial iron-rich nickel ferrite spinel. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019 , 37, 021502	2.9	7
113	Phase Control in Thin Films of Layered Cuprates. <i>Chemistry of Materials</i> , 2018 , 30, 1095-1101	9.6	8
112	First complex oxide superconductor by atomic layer deposition. <i>Chemical Communications</i> , 2018 , 54, 8253-8256	5.8	3
111	Molecular layer deposition builds biocompatible substrates for epithelial cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 3090-3098	5.4	8
110	Surface Forces Apparatus Measurements of Interactions between Rough and Reactive Calcite Surfaces. <i>Langmuir</i> , 2018 , 34, 7248-7263	4	26
109	The π -plasmas modes in plasma-enhanced atomic layer deposition with O ₂ /N ₂ capacitive discharges. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 095201	3	5
108	Functional Perovskites by Atomic Layer Deposition – An Overview. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1600903	4.6	39
107	Enhanced process and composition control for atomic layer deposition with lithium trimethylsilanolate. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017 , 35, 01B133	2.9	11

106	Controllable template approach for ZnO nanowire growth. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1600480	1.6	2
105	Luminescent properties of europium titanium phosphate thin films deposited by atomic layer deposition. <i>RSC Advances</i> , 2017 , 7, 8051-8059	3.7	11
104	Luminescent YbVO by atomic layer deposition. <i>Dalton Transactions</i> , 2017 , 46, 3008-3013	4.3	10
103	Comparison of different coating techniques on the properties of FucoPol films. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 268-274	7.9	1
102	Atomic Layer Deposition for Thin-Film Lithium-Ion Batteries 2017 , 183-207		2
101	Rubidium containing thin films by atomic layer deposition. <i>Dalton Transactions</i> , 2017 , 46, 16139-16144	4.3	8
100	Intense NIR emission in YVO ₄ :Yb ³⁺ thin films by atomic layer deposition. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8572-8578	7.1	13
99	All-gas-phase synthesis of amino-functionalized UiO-66 thin films. <i>Dalton Transactions</i> , 2017 , 46, 16983-16992	16.9	36
98	All-gas-phase synthesis of UiO-66 through modulated atomic layer deposition. <i>Nature Communications</i> , 2016 , 7, 13578	17.4	96
97	Electrical characterization of amorphous LiAlO ₂ thin films deposited by atomic layer deposition. <i>RSC Advances</i> , 2016 , 6, 60479-60486	3.7	30
96	Atomic layer deposited TiO ₂ protects porous ceramic foams from grain boundary corrosion. <i>Corrosion Science</i> , 2016 , 106, 35-42	6.8	9
95	Ultra-high power capabilities in amorphous FePO ₄ thin films. <i>Journal of Power Sources</i> , 2016 , 306, 454-458	4.8	13
94	Neutron diffraction and Raman analysis of LiMn _{1.5} Ni _{0.5} O ₄ spinel type oxides for use as lithium ion battery cathode and their capacity enhancements. <i>Solid State Ionics</i> , 2016 , 284, 28-36	3.3	18
93	Atomic layer deposition of (K,Na)(Nb,Ta)O ₃ thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016 , 34, 041508	2.9	23
92	Luminescence properties of lanthanide and ytterbium lanthanide titanate thin films grown by atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016 , 34, 01A130	2.9	8
91	In situ synchrotron study of ordered and disordered LiMn _{1.5} Ni _{0.5} O ₄ as lithium ion battery positive electrode. <i>Acta Materialia</i> , 2016 , 116, 290-297	8.4	15
90	An iron(II) diketonate diamine complex as precursor for thin film fabrication by atomic layer deposition. <i>Applied Surface Science</i> , 2015 , 347, 861-867	6.7	18
89	Atomic layer deposited lithium aluminum oxide: (In)dependency of film properties from pulsing sequence. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015 , 33, 01A101	2.9	17

88	Atomic Layer Deposited Hybrid Organic-Inorganic Aluminates as Potential Low-k Dielectric Materials. <i>Materials Research Society Symposia Proceedings</i> , 2015 , 1791, 15-20		2
87	Thickness dependent structural, optical and electrical properties of Ti-doped ZnO films prepared by atomic layer deposition. <i>Applied Surface Science</i> , 2015 , 332, 494-499	6.7	12
86	Atomic Layer Deposition of Spinel Lithium Manganese Oxide by Film-Body-Controlled Lithium Incorporation for Thin-Film Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 1258-1268	3.8	58
85	Deposition and x-ray characterization of epitaxial thin films of LaAlO ₃ . <i>Thin Solid Films</i> , 2014 , 550, 90-94	2.2	7
84	Atomic layer deposition of functional films for Li-ion microbatteries. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 357-367	1.6	43
83	Atomic Layer Deposition of LaPO ₄ and Ca:LaPO ₄ **. <i>Chemical Vapor Deposition</i> , 2014 , 20, 269-273		14
82	High power nano-structured V ₂ O ₅ thin film cathodes by atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15044-15051	13	46
81	Thin film fabrication and characterization of proton conducting lanthanum tungstate. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18463-18471	13	9
80	Luminescence properties of europium titanate thin films grown by atomic layer deposition. <i>RSC Advances</i> , 2014 , 4, 11876-11883	3.7	11
79	Structural, electrical and optical characterization of Ti-doped ZnO films grown by atomic layer deposition. <i>Journal of Alloys and Compounds</i> , 2014 , 616, 618-624	5.7	24
78	Atomic Layer Deposition of oriented nickel titanate (NiTiO ₃). <i>Applied Surface Science</i> , 2014 , 311, 478-483	3.7	10
77	Synthesis and Properties of Ethyl, Propyl, and Butyl Hexa-alkyldisilanes and Tetrakis(tri-alkylsilyl)silanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2956-2961	1.3	2
76	Luminescent Properties of Multilayered Eu ₂ O ₃ and TiO ₂ Grown by Atomic Layer Deposition**. <i>Chemical Vapor Deposition</i> , 2014 , 20, 274-281		12
75	Structural and optical properties of lanthanide oxides grown by atomic layer deposition (Ln = Pr, Nd, Sm, Eu, Tb, Dy, Ho, Er, Tm, Yb). <i>Dalton Transactions</i> , 2013 , 42, 10778-85	4.3	29
74	High-performing iron phosphate for enhanced lithium ion solid state batteries as grown by atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 9054-9059	13	47
73	Atomic layer deposition of Li _x Ti _y O _z thin films. <i>RSC Advances</i> , 2013 , 3, 7537-7542	3.7	46
72	Atomic layer deposition of ferroelectric LiNbO ₃ . <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4283-4290	7.1	51
71	On the application of a single-crystal diffractometer and a CCD area detector for studies of thin films. <i>Journal of Synchrotron Radiation</i> , 2013 , 20, 644-7	2.4	5

70	Molecular Hybrid Structures by Atomic Layer Deposition [Deposition of Alq ₃ , Znq ₂ and Tiq ₄ (q = 8-hydroxyquinoline)]. <i>Chemical Vapor Deposition</i> , 2013 , 19, 174-179		10
69	ALD Applied to Conformal Coating of Nanoporous γ -Alumina: Spinel Formation and Luminescence Induced by Europium Doping. <i>Journal of the Electrochemical Society</i> , 2012 , 159, P45-P49	3.9	10
68	Oxide Coating of Alumina Nanoporous Structure Using ALD to Produce Highly Porous Spinel. <i>Chemical Vapor Deposition</i> , 2012 , 18, 315-325		13
67	Enhanced osteoblast differentiation on scaffolds coated with TiO ₂ compared to SiO ₂ and CaP coatings. <i>Biointerphases</i> , 2012 , 7, 36	1.8	26
66	Influence of precursors chemistry on ALD growth of cobalt-molybdenum oxide films. <i>Dalton Transactions</i> , 2012 , 41, 2439-44	4.3	14
65	The work function of n-ZnO deduced from heterojunctions with Si prepared by ALD. <i>Journal Physics D: Applied Physics</i> , 2012 , 45, 315101	3	22
64	Atomic layer deposition of lithium nitride and carbonate using lithium silylamide. <i>RSC Advances</i> , 2012 , 2, 6315	3.7	37
63	Optical Properties of Vanadium Pentoxide Deposited by ALD. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19444-19450	3.8	25
62	Effect of ZrO ₂ addition on the mechanical properties of porous TiO ₂ bone scaffolds. <i>Materials Science and Engineering C</i> , 2012 , 32, 1386-93	8.3	16
61	Atomic Layer Deposition of Copper Oxide using Copper(II) Acetylacetonate and Ozone. <i>Chemical Vapor Deposition</i> , 2012 , 18, 173-178		25
60	Combination of characterization techniques for atomic layer deposition MoO ₃ coatings: From the amorphous to the orthorhombic β -MoO ₃ crystalline phase. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2012 , 30, 01A107	2.9	35
59	Atomic layer deposition of organic-inorganic hybrid materials based on saturated linear carboxylic acids. <i>Dalton Transactions</i> , 2011 , 40, 4636-46	4.3	59
58	Atomic Layer Deposition of Li ₂ O/Al ₂ O ₃ Thin Films. <i>Chemistry of Materials</i> , 2011 , 23, 4669-4675	9.6	82
57	Measuring the heat evolved from individual reaction steps in atomic layer deposition. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 105, 33-37	4.1	7
56	Atomic Layer Deposition of Organic-Inorganic Hybrid Materials Based on Unsaturated Linear Carboxylic Acids. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5305-5312	2.3	28
55	Thin Films of Cobalt Oxide Deposited on High Aspect Ratio Supports by Atomic Layer Deposition. <i>Chemical Vapor Deposition</i> , 2011 , 17, 135-140		41
54	ALD Applied to Conformal Coating of Nanoporous γ -Alumina: Spinel Formation and Luminescence Induced by Europium Doping. <i>ECS Transactions</i> , 2011 , 41, 123-130	1	6
53	Growth of thin films of molybdenum oxide by atomic layer deposition. <i>Journal of Materials Chemistry</i> , 2011 , 21, 705-710		102

52	Novel materials by atomic layer deposition and molecular layer deposition. <i>MRS Bulletin</i> , 2011 , 36, 877-884		41
51	(E)-1-(2-Iodo-phen-yl)-2-phenyl-diazen. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2326		2
50	The effect of fluoride surface modification of ceramic TiO ₂ on the surface properties and biological response of osteoblastic cells in vitro. <i>Biomedical Materials (Bristol)</i> , 2011 , 6, 045006	3.5	16
49	(Invited) ALD of Thin Films for Lithium-Ion Batteries. <i>ECS Transactions</i> , 2011 , 41, 331-339	1	9
48	Electronic Properties of ZnO/Si Heterojunction Prepared by ALD.. <i>Solid State Phenomena</i> , 2011 , 178-179, 130-135	0.4	6
47	(Invited) Reaction Mechanisms in ALD of Ternary Oxides. <i>ECS Transactions</i> , 2011 , 41, 175-183	1	14
46	Electrical Properties and Gas Sensing Characteristics of the Al ₂ O ₃ /4H SiC Interface Studied by Impedance Spectroscopy. <i>Materials Science Forum</i> , 2010 , 645-648, 531-534	0.4	1
45	Lanthanum titanate and lithium lanthanum titanate thin films grown by atomic layer deposition. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2877		77
44	Deposition of thin films of organic-inorganic hybrid materials based on aromatic carboxylic acids by atomic layer deposition. <i>Dalton Transactions</i> , 2010 , 39, 11628-35	4.3	92
43	Deposition of Organic- Inorganic Hybrid Materials by Atomic Layer Deposition. <i>ECS Transactions</i> , 2009 , 16, 3-14	1	74
42	Effect of heat treatment on ITO film properties and ITO/p-Si interface. <i>Materials Chemistry and Physics</i> , 2009 , 114, 425-429	4.4	37
41	Thin films of In ₂ O ₃ by atomic layer deposition using In(acac) ₃ . <i>Thin Solid Films</i> , 2009 , 517, 6320-6322	2.2	44
40	Growth of La _{1-x} Sr _x FeO ₃ thin films by atomic layer deposition. <i>Dalton Transactions</i> , 2009 , 481-9	4.3	24
39	Atomic layer deposition of lithium containing thin films. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8767		75
38	Growth of iron cobalt oxides by atomic layer deposition. <i>Dalton Transactions</i> , 2008 , 253-9	4.3	22
37	Influence of Annealing on the Al ₂ O ₃ /4H-SiC Interface. <i>Materials Science Forum</i> , 2008 , 600-603, 767-770	0.4	1
36	Growth of Nano-Needles of Manganese(IV) Oxide by Atomic Layer Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 1003-1011	1.3	75
35	Interfacial studies of Al ₂ O ₃ deposited on 4H-SiC(0001). <i>Surface and Interface Analysis</i> , 2008 , 40, 822-825	1.5	8

34	Growth of nano-needles of manganese(IV) oxide by atomic layer deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 1003-11	1.3	
33	Growth of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ thin films by atomic layer deposition. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1466-1475		47
32	Simulation of growth dynamics in atomic layer deposition. Part I. Amorphous films. <i>Thin Solid Films</i> , 2007 , 515, 4527-4537	2.2	31
31	Simulation of growth dynamics in atomic layer deposition. Part II. Polycrystalline films from cubic crystallites. <i>Thin Solid Films</i> , 2007 , 515, 4538-4549	2.2	28
30	Simulation of growth dynamics in atomic layer deposition. Part III. Polycrystalline films from tetragonal crystallites. <i>Thin Solid Films</i> , 2007 , 515, 4550-4558	2.2	20
29	Growth of thin films of Co_3O_4 by atomic layer deposition. <i>Thin Solid Films</i> , 2007 , 515, 7772-7781	2.2	79
28	Epitaxial growth of cobalt oxide by atomic layer deposition. <i>Journal of Crystal Growth</i> , 2007 , 307, 457-465	1.6	46
27	Simulation of growth dynamics for nearly epitaxial films. <i>Journal of Crystal Growth</i> , 2007 , 308, 366-375	1.6	11
26	Rearrangement of the oxide-semiconductor interface in annealed $\text{Al}_2\text{O}_3/\text{H-SiC}$ structures. <i>Applied Physics Letters</i> , 2007 , 91, 052907	3.4	12
25	Electrical properties of $\text{Al}_2\text{O}_3/\text{H-SiC}$ structures grown by atomic layer chemical vapor deposition. <i>Journal of Applied Physics</i> , 2007 , 102, 054513	2.5	37
24	Analytical model for island growth in atomic layer deposition using geometrical principles. <i>Journal of Applied Physics</i> , 2007 , 102, 024906	2.5	41
23	The $\text{Al}_2\text{O}_3/\text{4H-SiC}$ Interface Investigated by Thermal Dielectric Relaxation Current Technique. <i>Materials Science Forum</i> , 2007 , 556-557, 537-540	0.4	2
22	X-Ray and AFM Analysis of Al_2O_3 Deposited by ALCVD on n-Type 4H-SiC. <i>Materials Science Forum</i> , 2007 , 556-557, 683-686	0.4	4
21	High Temperature Annealing Study of Al_2O_3 Deposited by ALCVD on n-Type 4H-SiC. <i>Materials Science Forum</i> , 2006 , 527-529, 1067-1070	0.4	7
20	Comparison of near-interface traps in $\text{Al}_2\text{O}_3/\text{H-SiC}$ and $\text{Al}_2\text{O}_3/\text{BiO}_2/\text{H-SiC}$ structures. <i>Applied Physics Letters</i> , 2006 , 89, 222103	3.4	25
19	Annealing study of H_2O and O_3 grown Al_2O_3 deposited by atomic layer chemical vapour deposition on n-type 4H-SiC. <i>Physica Scripta</i> , 2006 , T126, 6-9	2.6	4
18	Structural and morphological properties of $\text{ZnO}:\text{Ga}$ thin films. <i>Thin Solid Films</i> , 2006 , 515, 472-476	2.2	101
17	Etching of platinum-rhodium alloys in oxygen-containing atmospheres. <i>Journal of Alloys and Compounds</i> , 2005 , 402, 53-57	5.7	7

16	Reconstruction of platinum-rhodium catalysts during oxidation of ammonia. <i>Applied Catalysis A: General</i> , 2005 , 284, 163-176	5.1	28
15	Chemical vapor transport of platinum and rhodium with oxygen as transport agent. <i>Journal of Crystal Growth</i> , 2005 , 279, 206-212	1.6	17
14	Surface reconstruction on noble-metal catalysts during oxidation of ammonia. <i>Applied Catalysis A: General</i> , 2005 , 284, 185-192	5.1	11
13	Effect of Fe ₂ O ₃ surface coating on reconstruction of platinum-rhodium catalysts during oxidation of ammonia. <i>Applied Catalysis A: General</i> , 2005 , 284, 177-184	5.1	9
12	Structure determination of MnO ₂ films grown on single crystal Al ₂ O ₃ substrates. <i>Philosophical Magazine</i> , 2005 , 85, 2689-2705	1.6	4
11	Electrical Properties of Aluminium Oxide Films Grown by Atomic Layer Deposition on n-Type 4H-SiC. <i>Materials Science Forum</i> , 2005 , 483-485, 705-708	0.4	7
10	The 1.54- μ m photoluminescence from an (Er, Ge) co-doped SiO ₂ film deposited on Si by rf magnetron sputtering. <i>Applied Physics Letters</i> , 2004 , 85, 4475	3.4	33
9	Growth of calcium carbonate by the atomic layer chemical vapour deposition technique. <i>Thin Solid Films</i> , 2004 , 450, 240-247	2.2	50
8	Effect of substrate on the characteristics of manganese(IV) oxide thin films prepared by atomic layer deposition. <i>Thin Solid Films</i> , 2004 , 468, 65-74	2.2	41
7	Effect of magnetic field on the growth of Fe ₂ O ₃ thin films by atomic layer deposition. <i>Applied Surface Science</i> , 2004 , 227, 40-47	6.7	45
6	High-Temperature Oxidation of Ni Coated with La ₂ O ₃ by Atomic-Layer Chemical-Vapor Deposition (ALCVD). <i>Oxidation of Metals</i> , 2003 , 59, 215-232	1.6	5
5	Inexpensive set-up for determination of decomposition temperature for volatile compounds. <i>Thermochimica Acta</i> , 2003 , 404, 187-192	2.9	16
4	Growth of manganese oxide thin films by atomic layer deposition. <i>Thin Solid Films</i> , 2003 , 444, 44-51	2.2	87
3	Reconstruction and loss of platinum catalyst during oxidation of ammonia. <i>Applied Catalysis A: General</i> , 2001 , 207, 43-54	5.1	19
2	Thin film deposition of lanthanum manganite perovskite by the ALE process. <i>Journal of Materials Chemistry</i> , 1999 , 9, 1781-1784		36
1	Growth of Oxides with Complex Stoichiometry by the ALD Technique, Exemplified by Growth of La _{1-x} CaxMnO ₃		100