H FjellvÃ¥g

List of Publications by Year
in descending order

523	19,142	16451 64	22832 112
papers	citations	h-index	g-index

527	527	527	19148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Operando XRD studies on Bi₂MoO₆ as anode material for Na-ion batteries. Nanotechnology, 2022, 33, 185402.	2.6	9
2	First-Principles Exploration into the Physical and Chemical Properties of Certain Newly Identified SnO₂ Polymorphs. ACS Omega, 2022, 7, 10382-10393.	3.5	13
3	Antifluorite-type Na₅FeO₄ as a low-cost, environment-friendly cathode with combined cationic/anionic redox activity for sodium ion batteries: a first-principles investigation. RSC Advances, 2022, 12, 17410-17421.	3.6	3
4	Variability in the Formation and Framework Polymorphism of Metalâ€organic Frameworks based on Yttrium(III) and the Bifunctional Organic Linker 2,5â€Dihydroxyterephthalic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 15-25.	1.2	1
5	Efficient Exfoliation of Layered Double Hydroxides; Effect of Cationic Ratio, Hydration State, Anions and Their Orientations. Materials, 2021, 14, 346.	2.9	12
6	Near-Broken-Gap Alignment between FeWO₄ and Fe₂WO₆ for Ohmic Direct pâ€“n Junction Thermoelectrics. ACS Applied Materials & Interfaces, 2021, 13, 7416-7422.	8.0	11
7	Understanding the (De)Sodiation Mechanisms in Naâ€Based Batteries through Operando Xâ€Ray Methods. Batteries and Supercaps, 2021, 4, 1039-1063.	4.7	18
8	Total Scattering Study of Local Structural Changes in MnAs1â€“xPx Influenced by Magnetic Interactions. Chemistry of Materials, 2021, 33, 2576-2584.	6.7	1
9	Tuning the Magnetically Segregated Nanolayering in Mnâ€“Niâ€“As Intermetallics. Chemistry of Materials, 2021, 33, 3002-3010.	6.7	0
10	Effect of Electron Doping on the Crystal Structure and Physical Properties of an n = 3 Ruddlesdenâ€“Popper Compound La₄Ni₃O₁₀. ACS Applied Electronic Materials, 2021, 3, 2671-2684.	4.3	1
11	Jahn-Teller active fluoroperovskites ACrF3 (A=Na+,K+) : Magnetic and thermo-optical properties. Physical Review Materials, 2021, 5, .	2.4	1
12	Understanding the (De)Sodiation Mechanisms in Naâ€Based Batteries through Operando Xâ€ray Methods. Batteries and Supercaps, 2021, 4, 1035-1035.	4.7	1
13	Effect of Subcycle Arrangement on Direct Epitaxy in ALD of LaNiO₃. ACS Applied Electronic Materials, 2021, 3, 292-298.	4.3	4
14	Physical properties of Ruddlesden-Popper (nâ¯=â¯3) nickelate: La4Ni3O10. Journal of Magnetism and Magnetic Materials, 2020, 496, 165915.	2.3	19
15	Phase and Orientation Control of NiTiO3 Thin Films. Materials, 2020, 13, 112.	2.9	4
16	Synthesis and Evaluation of K-Promoted Co_{3-x}Mg_xAl-Oxides as Solid CO₂ Sorbents in the Sorption-Enhanced Waterâ^Gas Shift (SEWGS) Reaction. Industrial & Engineering Chemistry Research, 2020, 59, 17837-17844.	3.7	5
17	Defects and polaronic electron transport in Fe₂WO₆. Physical Chemistry Chemical Physics, 2020, 22, 15541-15548.	2.8	5
18	tert-butoxides as precursors for atomic layer deposition of alkali metal containing thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	15

#	Article	IF	Citations
19	Exotic Compositional Ordering in Manganeseâ€“Nickelâ€“Arsenic (Mnâ€Niâ€As) Intermetallics. Angewandte Chemie, 2020, 132, 22568-22573.	2.0	0
20	Exotic Compositional Ordering in Manganeseâ€“Nickelâ€“Arsenic (Mnâ€Niâ€As) Intermetallics. Angewandte Chemie - International Edition, 2020, 59, 22382-22387.	13.8	2
21	Tuning electronic properties in LaNiO₃ thin films by B-site Cu-substitution. Journal of Materials Chemistry C, 2020, 8, 12662-12668.	5.5	6
22	Effect of Larger Pore Size on the Sorption Properties of Isoreticular Metalâ€“Organic Frameworks with High Number of Open Metal Sites. Chemistry - A European Journal, 2020, 26, 13523-13531.	3.3	8
23	Insights into Crystal Structure and Diffusion of Biphasic Na₂Zn₂TeO₆. ACS Applied Materials & Interfaces, 2020, 12, 28188-28198.	8.0	14
24	Coupling of magnetoresistance switching and glassy magnetic state at the metalâ€“insulator transition in Ruddlesden-Popper manganite Ca4Mn3O10. Journal of Magnetism and Magnetic Materials, 2020, 511, 166949.	2.3	5
25	A foundation for complex oxide electronics -low temperature perovskite epitaxy. Nature Communications, 2020, 11, 2872.	12.8	24
26	One-pot synthesis of cobaltâ€“rhenium nanoparticles taking the unusual Î²-Mn type structure. Nanoscale Advances, 2020, 2, 1850-1853.	4.6	5
27	Factors Determining Microporous Material Stability in Water: The Curious Case of SAPO-37. Chemistry of Materials, 2020, 32, 1495-1505.	6.7	15
28	Atomic Layer Deposition of GdCoO3 and Gd0.9Ca0.1CoO3. Materials, 2020, 13, 24.	2.9	6
29	Crystallization, Phase Stability, and Electrochemical Performance of Î²-MoO₃ Thin Films. Crystal Growth and Design, 2020, 20, 3861-3866.	3.0	19
30	Structural and magnetic characterization of the elusive Jahn-Teller active <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaCrF</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review Materials, 2020, 4, .	2.4	5
31	Canted antiferromagnetism in high-purity <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>NaFeF</mml:mi></mml:mrow><mml:mn> prepared by a novel wet-chemical synthesis method. Physical Review Materials, 2020, 4, .	2.4	3
32	Direct observation of reversible conversion and alloying reactions in a Bi₂(MoO₄)₃-based lithium-ion battery anode. Journal of Materials Chemistry A, 2019, 7, 17906-17913.	10.3	9
33	Giant Magnetoelectric Coupling in Multiferroic PbTi_{1â€“x}V_xO₃ from Density Functional Calculations. ACS Omega, 2019, 4, 16743-16755.	3.5	1
34	Zinc substituted MgH2 - a potential material for hydrogen storage applications. International Journal of Hydrogen Energy, 2019, 44, 13632-13646.	7.1	5
35	Amphoteric behavior of hydrogen (H⁺¹ and H^{â€“1}) in complex hydrides from van der Waals interaction-including ab initio calculations. Journal of Materials Chemistry A, 2019, 7, 6228-6240.	10.3	7
36	Development of custom made bimetallic alloy model systems based on platinum â€“ rhodium for heterogeneous catalysis. Journal of Alloys and Compounds, 2019, 786, 1021-1029.	5.5	2

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37	Nonhexagonal Na Sublattice Reconstruction in the Super-Ionic Conductor Na2Zn2TeO6: Insights from Ab Initio Molecular Dynamics. Journal of Physical Chemistry C, 2019, 123, 4654-4663.	3.1	9
38	P2 Type Layered Solid-State Electrolyte Na₂Zn₂TeO₆: Crystal Structure and Stacking Faults. Journal of the Electrochemical Society, 2019, 166, A3830-A3837.	2.9	10
39	Characterization and evaluation of synthetic Dawsonites as CO2 sorbents. Fuel, 2019, 236, 747-754.	6.4	9
40	Controlled alloying of Pt-Rh nanoparticles by the polyol approach. Journal of Alloys and Compounds, 2019, 779, 879-885.	5.5	5
41	Control of growth orientation in as-deposited epitaxial iron-rich nickel ferrite spinel. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 021502.	2.1	7
42	First-Principles Study of the Structural Stability and Dynamic Properties of Li2MSiO4 (M = Mn, Co, Ni) Polymorphs. Energies, 2019, 12, 224.	3.1	7
43	Comparative phase transformation and magnetocaloric effect study of Co and Mn substitution by Cu in MnCoGe compounds. Journal of Alloys and Compounds, 2019, 775, 22-29.	5.5	28
44	Reversibility of metal-hydride anodes in all-solid-state lithium secondary battery operating at room temperature. Solid State Ionics, 2018, 317, 263-267.	2.7	21
45	Structural Arrangement in Close-Packed Cobalt Polytypes. Crystal Growth and Design, 2018, 18, 2316-2325.	3.0	18
46	Understanding Capacity Fading of MgH₂ Conversion-Type Anodes via Structural Morphology Changes and Electrochemical Impedance. Journal of Physical Chemistry C, 2018, 122, 8750-8759.	3.1	12
47	Phase Control in Thin Films of Layered Cuprates. Chemistry of Materials, 2018, 30, 1095-1101.	6.7	13
48	Search for potential precursors for Si-atomic layer deposition â€“ A quantum chemical study. Materials Letters, 2018, 216, 189-192.	2.6	4
49	A first-principle investigation of the Li diffusion mechanism in the super-ionic conductor lithium orthothioborate Li3BS3 structure. Materials Letters, 2018, 219, 186-189.	2.6	9
50	A first principle comparative study of the ionic diffusivity in LiAlO2 and NaAlO2 polymorphs for solid-state battery applications. Physical Chemistry Chemical Physics, 2018, 20, 9824-9832.	2.8	16
51	In Situ Flow MAS NMR Spectroscopy and Synchrotron PDF Analyses of the Local Response of the BrÃ¸nsted Acidic Site in SAPOâ€34 during Hydration at Elevated Temperatures. ChemPhysChem, 2018, 19, 519-528.	2.1	40
52	In situ synchrotron X-ray diffraction of thin films under perturbation by an electric field. Ferroelectrics, 2018, 537, 20-26.	0.6	2
53	Operando investigations of lithiation and delithiation processes in a BiVO₄ anode material. Physical Chemistry Chemical Physics, 2018, 20, 29798-29803.	2.8	15
54	Roadmap for Modeling RhPt/Pt(111) Catalytic Surfaces. Journal of Physical Chemistry C, 2018, 122, 26430-26437.	3.1	4

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55	MgH₂â€“CoO: a conversion-type composite electrode for LiBH₄-based all-solid-state lithium ion batteries. RSC Advances, 2018, 8, 23468-23474.	3.6	24
56	First complex oxide superconductor by atomic layer deposition. Chemical Communications, 2018, 54, 8253-8256.	4.1	4
57	Lithium ionic conduction in composites of Li(BH4)0.75I0.25 and amorphous 0.75Li2SÂ·0.25P2S5 for battery applications. Electrochimica Acta, 2018, 278, 332-339.	5.2	35
58	A first-principle study of NaMPO4 (M = Mn, Fe, Co, Ni) possible novel structures as cathode materials for sodium-ion batteries: Structural and electrochemical characterisation. Materials Chemistry and Physics, 2018, 219, 212-221.	4.0	14
59	Functional Perovskites by Atomic Layer Deposition â€“ An Overview. Advanced Materials Interfaces, 2017, 4, 1600903.	3.7	51
60	Enhanced process and composition control for atomic layer deposition with lithium trimethylsilanolate. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	11
61	SAPO-37 microporous catalysts: revealing the structural transformations during template removal. Journal of Lithic Studies, 2017, 3, 79-88.	0.5	5
62	Luminescent properties of europium titanium phosphate thin films deposited by atomic layer deposition. RSC Advances, 2017, 7, 8051-8059.	3.6	12
63	Luminescent YbVO₄ by atomic layer deposition. Dalton Transactions, 2017, 46, 3008-3013.	3.3	10
64	Temperature induced transitions in La 4 (Co 1â^'x Ni x) 3 O 10+Î´; oxygen stoichiometry and mobility. Solid State Ionics, 2017, 305, 7-15.	2.7	10
65	First-principles study of the structural stability and electrochemical properties of Na₂MSiO₄ (M = Mn, Fe, Co and Ni) polymorphs. Physical Chemistry Chemical Physics, 2017, 19, 14462-14470.	2.8	31
66	Triclinic crystal structure distortion of multiferroic BiMn₇O₁₂. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 313-320.	1.1	11
67	Bismuth Vanadate and Molybdate: Stable Alloying Anodes for Sodium-Ion Batteries. Chemistry of Materials, 2017, 29, 2803-2810.	6.7	44
68	First-principles study of structural stability, dynamical and mechanical properties of Li₂FeSiO₄ polymorphs. RSC Advances, 2017, 7, 16843-16853.	3.6	32
69	From Colloidal Monodisperse Nickel Nanoparticles to Well-Defined Ni/Al₂O₃ Model Catalysts. Langmuir, 2017, 33, 9836-9843.	3.5	19
70	Colossal positive magneto-resistance in oxygen deficient Ca<inf>4</inf>Mn<inf>3</inf>O<inf>10</inf>. , 2017, , .		0
71	Thermogravimetric Analysis â€“ A Viable Method for Screening Novel Materials for the Sorbent Enhanced Water-gas Shift Process. Energy Procedia, 2017, 114, 2294-2303.	1.8	3
72	Ab initio structure solution and thermal stability evaluation of a new Ca(<scp>ii</scp>) 3D coordination polymer using synchrotron powder X-ray diffraction data. CrystEngComm, 2017, 19, 5857-5863.	2.6	1

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73	Engineering Functions into Platinum and Platinumâ€“Rhodium Nanoparticles in a Oneâ€Step Microwave Irradiation Synthesis. ChemistryOpen, 2017, 6, 273-281.	1.9	6
74	Intense NIR emission in YVO₄:Yb³⁺ thin films by atomic layer deposition. Journal of Materials Chemistry C, 2017, 5, 8572-8578.	5.5	14
75	Chemical Structures of Specific Sodium Ion Battery Components Determined by Operando Pair Distribution Function and Xâ€ray Diffraction Computed Tomography. Angewandte Chemie - International Edition, 2017, 56, 11385-11389.	13.8	54
76	Chemical Structures of Specific Sodium Ion Battery Components Determined by Operando Pair Distribution Function and Xâ€ray Diffraction Computed Tomography. Angewandte Chemie, 2017, 129, 11543-11547.	2.0	5
77	Colossal Positive Magnetoresistance in Oxygen-Deficient Ca4Mn3O10. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	0
78	Stacking Faults and Polytypes for Layered Double Hydroxides: What Can We Learn from Simulated and Experimental X-ray Powder Diffraction Data?. Inorganic Chemistry, 2016, 55, 12881-12889.	4.0	22
79	Atomic layer deposition of (K,Na)(Nb,Ta)O3 thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	27
80	Luminescence properties of lanthanide and ytterbium lanthanide titanate thin films grown by atomic layer deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	11
81	How Crystallite Size Controls the Reaction Path in Nonaqueous Metal Ion Batteries: The Example of Sodium Bismuth Alloying. Chemistry of Materials, 2016, 28, 2750-2756.	6.7	113
82	Quantification and key factors in delamination of (Mg 1 â^'y Ni y) 1â^'x Al x (OH) 2 (NO 3) x Â· m H 2 O. Applied Clay Science, 2016, 124-125, 102-110.	5.2	6
83	Metal oxide nanoparticles embedded in rare-earth matrix for low temperature thermal imaging applications. Materials Research Express, 2016, 3, 055010.	1.6	5
84	Theoretical and experimental investigation on structural, electronic and magnetic properties of layered Mn₅O₈. Physical Chemistry Chemical Physics, 2016, 18, 27885-27896.	2.8	14
85	In situ synchrotron study of ordered and disordered LiMn1.5Ni0.5O4 as lithium ion battery positive electrode. Acta Materialia, 2016, 116, 290-297.	7.9	17
86	Two new Cu(ii) and La(iii) 2D coordination polymers, synthesis and in situ structural analysis by X-ray diffraction. Dalton Transactions, 2016, 45, 12827-12834.	3.3	1
87	Electrical characterization of amorphous LiAlO₂ thin films deposited by atomic layer deposition. RSC Advances, 2016, 6, 60479-60486.	3.6	34
88	Crystal Structure of LaSr3Fe3O8(OH)2Â·xH2O. Inorganic Chemistry, 2016, 55, 7630-7636.	4.0	10
89	Electronic and Magnetic Structures of Hole Doped Trilayer La_{4â€“x}Sr_xNi₃O₈from First-Principles Calculations. Inorganic Chemistry, 2016, 55, 11898-11907.	4.0	9
90	Versatile electrochemical cell for Li/Na-ion batteries and high-throughput setup for combined operando X-ray diffraction and absorption spectroscopy. Journal of Applied Crystallography, 2016, 49, 1972-1981.	4.5	33

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91	Aluminium substituted lanthanum based perovskite type oxides, non-stoichiometry and performance in methane partial oxidation by framework oxygen. Applied Catalysis A: General, 2016, 523, 171-181.	4.3	11
92	Burst nucleation by hot injection for size controlled synthesis of Îµ-cobalt nanoparticles. Chemistry Central Journal, 2016, 10, 10.	2.6	16
93	Structural changes in SAPO-34 due to hydrothermal treatment. A NMR, XRD, and DRIFTS study. Microporous and Mesoporous Materials, 2016, 225, 421-431.	4.4	28
94	A novel polytype â€“ the stacking fault based Î³-MoO₃nanobelts. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 201-208.	1.1	5
95	Ultra-high power capabilities in amorphous FePO4 thin films. Journal of Power Sources, 2016, 306, 454-458.	7.8	13
96	Neutron diffraction and Raman analysis of LiMn1.5Ni0.5O4 spinel type oxides for use as lithium ion battery cathode and their capacity enhancements. Solid State Ionics, 2016, 284, 28-36.	2.7	21
97	Two New Series of Coordination Polymers and Evaluation of Their Properties by Density Functional Theory. Crystal Growth and Design, 2016, 16, 339-346.	3.0	6
98	Crystal structure of dimethyl 4,4â€²-dimethoxybiphenyl-3,3â€²-dicarboxylate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 328-330.	0.5	2
99	Atomic Layer Deposited Hybrid Organic-Inorganic Aluminates as Potential Low-k Dielectric Materials. Materials Research Society Symposia Proceedings, 2015, 1791, 15-20.	0.1	2
100	Crystal structures of aluminum-based hydrides. Emerging Materials Research, 2015, 4, 192-217.	0.7	13
101	On the Thermal Stability and Structures of Layered Double Hydroxides Mg_{1â€“x}Al_x(OH)₂(NO₃)_xÂ·mH₂O (0.18â€°â€°xâ€°â€°0.38). European Journal of Inorganic Chemistry, 2015, 2015, 1775-1788.	2.6	24
102	Nanoporous Intergrowths: How Crystal Growth Dictates Phase Composition and Hierarchical Structure in the CHA/AEI System. Chemistry of Materials, 2015, 27, 4205-4215.	6.7	37
103	Thickness dependent structural, optical and electrical properties of Ti-doped ZnO films prepared by atomic layer deposition. Applied Surface Science, 2015, 332, 494-499.	6.1	15
104	Observation of direct magneto-dielectric behaviour in Lu3Fe5O12â^Î´ above room-temperature. Physical Chemistry Chemical Physics, 2015, 17, 17688-17698.	2.8	13
105	Structural and magnetic aspects of La₄(Co_{1â^’}_xNi_x)₃O₁₀₊_δ	1.8	8
106	Supported Nickel Based Catalysts, Ni/Mg(Al)O, for Natural Gas Conversion, Prepared via Delamination and Restacking of MgAl- and NiAl-Nanosheets. Topics in Catalysis, 2015, 58, 877-886.	2.8	5
107	Freeze-dryed LixMoO3 nanobelts used as cathode materials for lithium-ion batteries: A bulk and interface study. Journal of Power Sources, 2015, 297, 276-282.	7.8	8
108	Hydrogen storage properties of Î³â€“Mg(BH4)2 modified by MoO3 and TiO2. International Journal of Hydrogen Energy, 2015, 40, 12286-12293.	7.1	42

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109	Investigation of Li+ insertion in columbite structured FeNb2O6 and rutile structured CrNb2O6 materials. Electrochimica Acta, 2015, 153, 232-237.	5.2	9
110	Structural and electronic properties of transparent conducting delafossite: a comparison between the AgBO₂ and CuBO₂ families (BÂ= Al, Ga, In and Sc, Y). RSC Advances, 2015, 5, 1366-1377.	3.6	32
111	Atomic layer deposited lithium aluminum oxide: (In)dependency of film properties from pulsing sequence. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, .	2.1	17
112	Thermal stability of photovoltaic a-Si:H determined by neutron reflectometry. Applied Physics Letters, 2014, 105, .	3.3	5
113	Atomic layer deposition of sodium and potassium oxides: evaluation of precursors and deposition of thin films. Dalton Transactions, 2014, 43, 16666-16672.	3.3	30
114	Guidance of growth mode and structural character in organicâ€“inorganic hybrid materials â€“ a comparative study. Dalton Transactions, 2014, 43, 3492-3500.	3.3	20
115	Luminescent Properties of Multilayered Eu₂O₃ and TiO₂ Grown by Atomic Layer Deposition**. Chemical Vapor Deposition, 2014, 20, 274-281.	1.3	13
116	ALD Applied to Conformal Rare-Earth Coating of ZnO Nanoparticles for Low Temperature Thermal Imaging Applications. ECS Transactions, 2014, 64, 23-31.	0.5	2
117	Dimethyl 3,3â€²-dimethoxybiphenyl-4,4â€²-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o449-o449.	0.2	1
118	Methyl 5-iodo-2-methoxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o462-o462.	0.2	0
119	4,4â€²-Dimethoxybiphenyl-3,3â€²-dicarboxylic acid. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o615-o615.	0.2	2
120	Atomic Layer Deposition of Spinel Lithium Manganese Oxide by Film-Body-Controlled Lithium Incorporation for Thin-Film Lithium-Ion Batteries. Journal of Physical Chemistry C, 2014, 118, 1258-1268.	3.1	66
121	Deposition and x-ray characterization of epitaxial thin films of LaAlO3. Thin Solid Films, 2014, 550, 90-94.	1.8	9
122	Revised electronic structure, Raman and IR studies of AB2H2and ABCH (A = Sr, Ba; B = Al, Ga; C = Si, Ge) phases. RSC Advances, 2014, 4, 22-31.	3.6	2
123	Complex Magnetic Behavior in the PrSr3(Fe1â€“xCox)3O10â^Î´ n = 3 Ruddlesdenâ€“Popper-Type Solid Solution with High Valent Cobalt and Iron. Chemistry of Materials, 2014, 26, 886-897.	6.7	11
124	Atomic layer deposition of functional films for Liâ€ion microbatteries. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 357-367.	1.8	51
125	Atomic Layer Deposition of LaPO₄ and Ca:LaPO₄**. Chemical Vapor Deposition, 2014, 20, 269-273.	1.3	15
126	High power nano-structured V₂O₅ thin film cathodes by atomic layer deposition. Journal of Materials Chemistry A, 2014, 2, 15044-15051.	10.3	52

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127	Thin film fabrication and characterization of proton conducting lanthanum tungstate. Journal of Materials Chemistry A, 2014, 2, 18463-18471.	10.3	10
128	Luminescence properties of europium titanate thin films grown by atomic layer deposition. RSC Advances, 2014, 4, 11876-11883.	3.6	11
129	Structural, electrical and optical characterization of Ti-doped ZnO films grown by atomic layer deposition. Journal of Alloys and Compounds, 2014, 616, 618-624.	5.5	29
130	Intergrowth structure modelling in silicoaluminophosphate SAPO-18/34 family. Microporous and Mesoporous Materials, 2014, 195, 311-318.	4.4	35
131	Atomic Layer Deposition of oriented nickel titanate (NiTiO3). Applied Surface Science, 2014, 311, 478-483.	6.1	11
132	Synthesis and Properties of Ethyl, Propyl, and Butyl Hexa-alkyldisilanes and Tetrakis(tri-alkylsilyl)silanes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2956-2961.	1.2	2
133	Structural and optical properties of lanthanide oxides grown by atomic layer deposition (Ln = Pr, Nd,) Tj ETQq1 1 0.784314 rgBT /Ove	3.3	34
134	High-performing iron phosphate for enhanced lithium ion solid state batteries as grown by atomic layer deposition. Journal of Materials Chemistry A, 2013, 1, 9054-9059.	10.3	49
135	Structure and Polymorphism of M(thd)₃ (M = Al, Cr, Mn, Fe, Co, Ga, and In). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 770-778.	1.2	7
136	Atomic layer deposition of LixTiyOz thin films. RSC Advances, 2013, 3, 7537-7542.	3.6	49
137	Structural and spectroscopic characterization of potassium fluoroborohydrides. Physical Chemistry Chemical Physics, 2013, 15, 11226.	2.8	18
138	Combined XRD and Raman studies of coke types found in SAPO-34 after methanol and propene conversion. Microporous and Mesoporous Materials, 2013, 173, 166-174.	4.4	20
139	Atomic layer deposition of ferroelectric LiNbO₃. Journal of Materials Chemistry C, 2013, 1, 4283-4290.	5.5	54
140	On the application of a single-crystal Î²-diffractometer and a CCD area detector forÂstudies of thin films. Journal of Synchrotron Radiation, 2013, 20, 644-647.	2.4	5
141	Poly[bis(1,3-dimethylimidazolidin-2-one)(Î¼₂-2,5-dioxidoterephthalato)zirconium(IV)]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m152-m152.	0.2	5
142	The fast Z-scan method for studying working catalytic reactors with high energy X-ray diffraction: ZSM-5 in the methanol to gasoline process. Physical Chemistry Chemical Physics, 2013, 15, 8662-8671.	2.8	12
143	Molecular Hybrid Structures by Atomic Layer Deposition â€“ Deposition of Alq₃, Znq₂ and Tiq₄ (qâ€‰=â€‰8â€hydroxyquinoline). Chemical Vapor Deposition, 2013, 19, 174-179.	1.3	11
144	Poly[bis(1,3-dimethyl-1,3-diazinan-2-one)(2,5-dioxidoterephthalato)zirconium(IV)]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m153-m153.	0.2	4

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145	Publisher's Note: ALD Applied to Conformal Coating of Nanoporous Î³-Alumina: Spinel Formation and Luminescence Induced by Europium Doping [J. Electrochem. Soc., 159, P45 (2012)]. Journal of the Electrochemical Society, 2012, 159, S15-S15.	2.9	0
146	Combination of characterization techniques for atomic layer deposition MoO3 coatings: From the amorphous to the orthorhombic Î±-MoO3 crystalline phase. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2012, 30, .	2.1	51
147	ALD Applied to Conformal Coating of Nanoporous Î³-Alumina: Spinel Formation and Luminescence Induced by Europium Doping. Journal of the Electrochemical Society, 2012, 159, P45-P49.	2.9	10
148	Oxide Coating of Alumina Nanoporous Structure Using ALD to Produce Highly Porous Spinel. Chemical Vapor Deposition, 2012, 18, 315-325.	1.3	16
149	Influence of precursors chemistry on ALD growth of cobaltâ€“molybdenum oxide films. Dalton Transactions, 2012, 41, 2439.	3.3	15
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