Author	Review article	Citations	Journal	Year published	DOI or weblink
Leskela, M; Ritala, M	Atomic layer deposition chemistry: Recent developments and future challenges	640	Angew. Chem.-Int. Edit.	2003	https://doi.org/10.1002/anie.200301652
Kim, H	Atomic layer deposition of metal and nitride thin films: Current research efforts and applications for semiconductor device processing	395	J. Vac. Sci. Technol. B	2003	https://doi.org/10.1116/1.1622676
Puurunen, RL; Vandervorst, W; Besling, WFA; Richard, O; Bender, H; Conard, T; Zhao, C; Delabie, A; Caymax, M; De Gendt, S; Heyns, M; Viitanen, MM; de Ridder, M; Brongersma, HH; Tamminga, Y; Dao, T; de Win, T; Verheijen, M; Kaiser, M; Tuominen, M	Island growth in the atomic layer deposition of zirconium oxide and aluminum oxide on hydrogen-terminated silicon: Growth mode modeling and transmission electron microscopy	95	J. Appl. Phys.	2004	https://doi.org/10.1063/1.1787624
Puurunen, RL	Surface chemistry of atomic layer deposition: A case study for the trimethylaluminum/water process	1376	J. Appl. Phys.	2005	https://doi.org/10.1063/1.1940727
Puurunen, RL	Formation of metal oxide particles in atomic layer deposition during the chemisorption of metal chlorides: A review	55	Chem. Vapor Depos.	2005	https://doi.org/10.1002/cvde.200400021
Elers, KE; Blomberg, T; Peussa, M; Aitchison, B; Haukka, S; Marcus, S	Film uniformity in atomic layer deposition	57	Chem. Vapor Depos.	2006	https://doi.org/10.1002/cvde.200500024
Kim, H; McIntyre, PC	Atomic layer deposition of ultrathin metal-oxide films for nano-scale device applications	50	J. Korean Phys. Soc.	2006	http://www.jkps.or.kr/journal/view.html?uid=7427&vmd=Full
Knez, Mato; Niesch, Kornelius; Niinistoe, Lauri	Synthesis and surface engineering of complex nanostructures by atomic layer deposition	563	Adv. Mater.	2007	https://doi.org/10.1002/adma.200700079
Paivasaari, Jani; Niinisto, Jaakko; Myllymaki, Pia; Dezelah, Chuck; Winter, Charles H.; Putkonen, Matti; Nieminen, Minna; Niinisto, Lauri	Atomic layer deposition of rare earth oxides	23	Top. Appl. Phys.	2007	https://link.springer.com/chapter/10.1007/11499893_2
Spiga, Sabina; Wiemer, Claudia; Scarel, Giovanna; Costa, Omar; Fanciulli, Marco	Electrical characterization of rare earth oxides grown by atomic layer deposition	5	Top. Appl. Phys.	2007	https://link.springer.com/chapter/10.1007/11499893_13
Kim, Hyungjun; Lee, Han-Bo-Ram; Maeng, W. -J.	Applications of atomic layer deposition to nanofabrication and emerging nanodevices	337	Thin Solid Films	2009	https://doi.org/10.1016/j.tsf.2008.09.007
Langereis, E.; Heil, S. B. S.; Knoops, H. C. M.; Keuning, W.; van de Sanden, M. C. M.; Kessels, W. M. M.	In situ spectroscopic ellipsometry as a versatile tool for studying atomic layer deposition	147	J. Phys. D-Appl. Phys.	2009	https://doi.org/10.1088/0022-3727/42/7/073001
Wallace, Robert M.; McIntyre, Paul C.; Kim, Jiyoung; Nishi, Yoshio	Atomic Layer Deposition of Dielectrics on Ge and III-V Materials for Ultrahigh Performance Transistors	89	MRS Bull.	2009	https://doi.org/10.1557/mrs2009.137
George, Steven M.	Atomic Layer Deposition: An Overview	2403	Chem. Rev.	2010	https://doi.org/10.1021/cr900056b
Profijt, H. B.; Potts, S. E.; van de Sanden, M. C. M.; Kessels, W. M. M.	Plasma-Assisted Atomic Layer Deposition: Basics, Opportunities, and Challenges	331	J. Vac. Sci. Technol. A	2011	https://doi.org/10.1116/1.3609974
Detavernier, Christophe; Dendooven, Jolien; Sree, Sreeprasanth Pulinthanathu; Ludwig, Karl F.; Martens, Johan A.	Tailoring nanoporous materials by atomic layer deposition	181	Chem. Soc. Rev.	2011	https://doi.org/10.1039/c1cs15091j
Bakke, Jonathan R.; Pickrahn, Katie L.; Brennan, Thomas P.; Bent, Stacey F.	Nanoengineering and interfacial engineering of photovoltaics by atomic layer deposition	109	Nanoscale	2011	https://doi.org/10.1039/c1nr10349k
Luka, G.; Wachnicki, L.; Witkowski, B. S.; Krajewski, T. A.; Jakiela, R.; Guziewicz, E.; Godlewski, M.	The uniformity of Al distribution in aluminum-doped zinc oxide films grown by atomic layer deposition	28	Mater. Sci. Eng. B-Adv. Funct. Solid-State Mater.	2011	https://doi.org/10.1016/j.mseb.2010.11.014
Meng, Xiangbo; Yang, Xiao-Qing; Sun, Xueliang	Emerging Applications of Atomic Layer Deposition for Lithium-Ion Battery Studies	273	Adv. Mater.	2012	https://doi.org/10.1002/adma.201200397
Poodt, Paul; Cameron, David C.; Dickey, Eric; George, Steven M.; Kuznetsov, Vladimir; Parsons, Gregory N.; Roozeboom, Fred; Sundaram, Ganesh; Vermeer, Ad	Spatial atomic layer deposition: A route towards further industrialization of atomic layer deposition	129	J. Vac. Sci. Technol. A	2012	https://doi.org/10.1116/1.3670745

Xie, Qi; Deng, Shaoren; Schaekers, Marc; Lin, Dennis; Caymax, Matty; Delabie, Annelies; Qu, Xin-Ping; Jiang, Yu-Long; Deduytsche, Davy; Detavernier, Christophe	Germanium surface passivation and atomic layer deposition of high-k dielectrics-a tutorial review on Ge-based MOS capacitors	81	Semicond. Sci. Technol.	2012	https://doi.org/10.1088/0268-1242/27/7/074012
Knoops, H. C. M.; Donders, M. E.; van de Sanden, M. C. M.; Notten, P. H. L.; Kessels, W. M. M.	Atomic layer deposition for nanostructured Li-ion batteries	58	J. Vac. Sci. Technol. A	2012	https://doi.org/10.1116/1.3660699
Peng, Qing; Lewis, Jay S.; Hoertz, Paul G.; Glass, Jeffrey T.; Parsons, Gregory N.	Atomic layer deposition for electrochemical energy generation and storage systems	33	J. Vac. Sci. Technol. A	2012	https://doi.org/10.1116/1.3672027
Miikkulainen, Ville; Leskela, Markku; Ritala, Mikko; Puurunen, Riikka L.	Crystallinity of inorganic films grown by atomic layer deposition: Overview and general trends	584	J. Appl. Phys.	2013	https://doi.org/10.1063/1.4757907
Lu, Junling; Elam, Jeffrey W.; Stair, Peter C.	Synthesis and Stabilization of Supported Metal Catalysts by Atomic Layer Deposition	116	Accounts Chem. Res.	2013	https://doi.org/10.1021/ar300229c
Parsons, Gregory N.; Atanasov, Sarah E.; Dandley, Erinn C.; Devine, Christina K.; Gong, Bo; Jur, Jesse S.; Lee, Kyoungmi; Oldham, Christopher J.; Peng, Qing; Spagnola, Joseph C.; Williams, Philip S.	Mechanisms and reactions during atomic layer deposition on polymers	71	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.07.001
Knisley, Thomas J.; Kalutarage, Lakmal C.; Winter, Charles H.	Precursors and chemistry for the atomic layer deposition of metallic first row transition metal films	51	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.03.019
Knapas, Kjell; Ritala, Mikko	In Situ Studies on Reaction Mechanisms in Atomic Layer Deposition	50	Crit. Rev. Solid State Mat. Sci.	2013	https://doi.org/10.1080/10408436.2012.693460
Marichy, Catherine; Pinna, Nicola	Carbon-nanostructures coated/decorated by atomic layer deposition: Growth and applications	48	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.08.007
Potts, S. E.; Kessels, W. M. M.	Energy-enhanced atomic layer deposition for more process and precursor versatility	38	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.06.015
Ramos, Karla Bernal; Saly, Mark J.; Chabal, Yves J.	Precursor design and reaction mechanisms for the atomic layer deposition of metal films	35	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.03.028
Parsons, Gregory N.; Elam, Jeffrey W.; George, Steven M.; Haukka, Suvi; Jeon, Hyeongtag; Kessels, W. M. M. (Erwin); Leskela, Markku; Poodt, Paul; Ritala, Mikko; Rossnagel, Steven M.	History of atomic layer deposition and its relationship with the American Vacuum Society	34	J. Vac. Sci. Technol. A	2013	https://doi.org/10.1116/1.4816548
Ponraj, Joice Sophia; Attolini, Giovanni; Bosi, Matteo	Review on Atomic Layer Deposition and Applications of Oxide Thin Films	32	Crit. Rev. Solid State Mat. Sci.	2013	https://doi.org/10.1080/10408436.2012.736886
Lee, Sang Woon; Choi, Byung Joon; Eom, Taeyong; Han, Jeong Hwan; Kim, Seong Keun; Song, Seul Ji; Lee, Woongkyu; Hwang, Cheol Seong	Influences of metal, non-metal precursors, and substrates on atomic layer deposition processes for the growth of selected functional electronic materials	23	Coord. Chem. Rev.	2013	https://doi.org/10.1016/j.ccr.2013.04.010
Skoog, S. A.; Elam, J. W.; Narayan, R. J.	Atomic layer deposition: medical and biological applications	21	Int. Mater. Rev.	2013	https://doi.org/10.1179/1743280412Y.0000000009
Li, Wei-Min	Recent Developments of Atomic Layer Deposition Processes for Metallization	12	Chem. Vapor Depos.	2013	https://doi.org/10.1002/cvde.201300052
Wang, Ce-Ming; Kong, De-Lin; Chen, Qiang; Xue, Jian-Ming	Surface engineering of synthetic nanopores by atomic layer deposition and their applications	6	Front. Mater. Sci.	2013	https://doi.org/10.1007/s11706-013-0218-4
Johnson, Richard W.; Hultqvist, Adam; Bent, Stacey F.	A brief review of atomic layer deposition: from fundamentals to applications	330	Mater. Today	2014	https://doi.org/10.1016/j.mattod.2014.04.026
Tynell, Tommi; Karppinen, Maarit	Atomic layer deposition of ZnO: a review	130	Semicond. Sci. Technol.	2014	https://doi.org/10.1088/0268-1242/29/4/043001
Hamalainen, Jani; Ritala, Mikko; Leskela, Markku	Atomic Layer Deposition of Noble Metals and Their Oxides	112	Chem. Mat.	2014	https://doi.org/10.1021/cm402221y
Wang, Tuo; Luo, Zhibin; Li, Chengcheng; Gong, Jinlong	Controllable fabrication of nanostructured materials for photoelectrochemical water splitting via atomic layer deposition	111	Chem. Soc. Rev.	2014	https://doi.org/10.1039/c3cs60370a
Mackus, A. J. M.; Bol, A. A.; Kessels, W. M. M.	The use of atomic layer deposition in advanced nanopatterning	97	Nanoscale	2014	https://doi.org/10.1039/c4nr01954g
Munoz-Rojas, David; MacManus-Driscoll, Judith	Spatial atmospheric atomic layer deposition: a new laboratory and industrial tool for low-cost photovoltaics	34	Mater. Horizons	2014	https://doi.org/10.1039/c3mh00136a

Longrie, Delphine; Deduytsche, Davy; Detavernier, Christophe	Reactor concepts for atomic layer deposition on agitated particles: A review	32	J. Vac. Sci. Technol. A	2014	https://doi.org/10.1116/1.4851676
Devloo-Casier, Kilian; Ludwig, Karl F.; Detavernier, Christophe; Dendooven, Jolien	In situ synchrotron based x-ray techniques as monitoring tools for atomic layer deposition	12	J. Vac. Sci. Technol. A	2014	https://doi.org/10.1116/1.4851716
Kurek, Agnieszka; Gordon, Peter G.; Karle, Sarah; Devi, Anjana; Barry, Sean T.	Recent Advances Using Guanidinate Ligands for Chemical Vapour Deposition (CVD) and Atomic Layer Deposition (ALD) Applications	11	Aust. J. Chem.	2014	https://doi.org/10.1071/CH14172
Blanquart, Timothee; Niinisto, Jaakko; Ritala, Mikko; Leskela, Markku	Atomic Layer Deposition of Groups 4 and 5 Transition Metal Oxide Thin Films: Focus on Heteroleptic Precursors	10	Chem. Vapor Depos.	2014	https://doi.org/10.1002/cvde.201400055
Kim, Hyungjun; Oh, Il-Kwon	Review of plasma-enhanced atomic layer deposition: Technical enabler of nanoscale device fabrication	6	Jpn. J. Appl. Phys.	2014	https://doi.org/10.7567/JJAP.53.03DA01
Wang, Jiao; Huang, Gaoshan; Mei, Yongfeng	Modification and Resonance Tuning of Optical Microcavities by Atomic Layer Deposition	4	Chem. Vapor Depos.	2014	https://doi.org/10.1002/cvde.201300054
Lu Wei-Er; Dong Ya-Bin; Li Chao-Bo; Xia Yang; Li Nan	Research Progress on Growth Rate Controlling of Atomic Layer Deposition	0	J. Inorg. Mater.	2014	https://doi.org/10.3724/SP.J.1077.2014.13449
O'Neill, Brandon J.; Jackson, David H. K.; Lee, Jechan; Canlas, Christian; Stair, Peter C.; Marshall, Christopher L.; Elam, Jeffrey W.; Kuech, Thomas F.; Dumesic, James A.; Huber, George W.	Catalyst Design with Atomic Layer Deposition	192	ACS Catal.	2015	https://doi.org/10.1021/cs501862h
Wang, Xinran; Yushin, Gleb	Chemical vapor deposition and atomic layer deposition for advanced lithium ion batteries and supercapacitors	80	Energy Environ. Sci.	2015	https://doi.org/10.1039/c5ee01254f
Dasgupta, Neil P.; Meng, Xiangbo; Elam, Jeffrey W.; Martinson, Alex B. F.	Atomic Layer Deposition of Metal Sulfide Materials	69	Accounts Chem. Res.	2015	https://doi.org/10.1021/ar500360d
Liu, Jian; Sun, Xueliang	Elegant design of electrode and electrode/electrolyte interface in lithium-ion batteries by atomic layer deposition	62	Nanotechnology	2015	https://doi.org/10.1088/0957-4484/26/2/024001
Niu, Wenbin; Li, Xianglin; Karuturi, Siva Krishna; Fam, Derrick Wenhui; Fan, Hongjin; Shrestha, Santosh; Wong, Lydia Helena; Tok, Alfred Ing Yoong	Applications of atomic layer deposition in solar cells	40	Nanotechnology	2015	https://doi.org/10.1088/0957-4484/26/6/064001
McDaniel, Martin D.; Ngo, Thong Q.; Hu, Shen; Posadas, Agham; Demkov, Alexander A.; Ekerdt, John G.	Atomic layer deposition of perovskite oxides and their epitaxial integration with Si, Ge, and other semiconductors	29	Appl. Phys. Rev.	2015	https://doi.org/10.1063/1.4934574
Nazarov, D. V.; Bobrysheva, N. P.; Osmolovskaya, O. M.; Osmolovsky, M. G.; Smirnov, V. M.	Atomic Layer Ddeposition of Tin Dioxide Nanofilms: A Review	20	Rev. Adv. Mater. Sci.	2015	http://www.ipme.ru/e-journals/RAMS/no_34015/07_34015_nazarov.html
Sobel, Nicolas; Hess, Christian	Nanoscale Structuring of Surfaces by Using Atomic Layer Deposition	15	Angew. Chem.-Int. Edit.	2015	https://doi.org/10.1002/anie.201503680
Singh, Trilok; Lehnen, Thomas; Leuning, Tessa; Mathur, Sanjay	Atomic layer deposition grown MOx thin films for solar water splitting: Prospects and challenges	12	J. Vac. Sci. Technol. A	2015	https://doi.org/10.1116/1.4904729
Wen, Kechun; He, Weidong	Can oriented-attachment be an efficient growth mechanism for the synthesis of 1D nanocrystals via atomic layer deposition?	7	Nanotechnology	2015	https://doi.org/10.1088/0957-4484/26/38/382001
Lu, Junling; Elam, Jeffrey W.; Stair, Peter C.	Atomic layer deposition-Sequential self-limiting surface reactions for advanced catalyst "bottom-up" synthesis	56	Surf. Sci. Rep.	2016	https://doi.org/10.1016/j.surfrep.2016.03.003
Gregorczyk, Keith; Knez, Mato	Hybrid nanomaterials through molecular and atomic layer deposition: Top down, bottom up, and in-between approaches to new materials	54	Prog. Mater. Sci.	2016	https://doi.org/10.1016/j.pmatsci.2015.06.004
Ahmed, Bilal; Xia, Chuan; Alshareef, Husam N.	Electrode surface engineering by atomic layer deposition: A promising pathway toward better energy storage	35	Nano Today	2016	https://doi.org/10.1016/j.nantod.2016.04.004
Guan, Cao; Wang, John	Recent Development of Advanced Electrode Materials by Atomic Layer Deposition for Electrochemical Energy Storage	32	Adv. Sci.	2016	https://doi.org/10.1002/advs.201500405

Ma, Lu; Nuwayhid, Ramsay B.; Wu, Tianpin; Lei, Yu; Amine, Khalil; Lu, Jun	Atomic Layer Deposition for Lithium-Based Batteries	22	Adv. Mater. Interfaces	2016	https://doi.org/10.1002/admi.201600564
Brozena, Alexandra H.; Oldham, Christopher J.; Parsons, Gregory N.	Atomic layer deposition on polymer fibers and fabrics for multifunctional and electronic textiles	16	J. Vac. Sci. Technol. A	2016	https://doi.org/10.1116/1.4938104
Meng, Xin; Byun, Young-Chul; Kim, Harrison S.; Lee, Joy S.; Lucero, Antonio T.; Cheng, Lanxia; Kim, Jiyoung	Atomic Layer Deposition of Silicon Nitride Thin Films: A Review of Recent Progress, Challenges, and Outlooks	12	Materials	2016	https://doi.org/10.3390/ma9121007
Gougousi, Theodosia	Atomic layer deposition of high-k dielectrics on III-V semiconductor surfaces	11	Prog. Cryst. Growth Charact. Mater.	2016	https://doi.org/10.1016/j.pcrysgrow.2016.11.001
Marichy, Catherine; Pinna, Nicola	Atomic Layer Deposition to Materials for Gas Sensing Applications	8	Adv. Mater. Interfaces	2016	https://doi.org/10.1002/admi.201600335
Chalker, P. R.	Photochemical atomic layer deposition and etching	8	Surf. Coat. Technol.	2016	https://doi.org/10.1016/j.surfcoat.2016.02.046
Deng, Kaimo; Li, Liang	Advances in the Application of Atomic Layer Deposition for Organometal Halide Perovskite Solar Cells	7	Adv. Mater. Interfaces	2016	https://doi.org/10.1002/admi.201600505
Fang, Guoyong; Xu, Lina; Ma, Jing; Li, Aidong	Theoretical Understanding of the Reaction Mechanism of SiO2 Atomic Layer Deposition	7	Chem. Mat.	2016	https://doi.org/10.1021/acs.chemmater.5b04422
Fang, Guoyong; Xu, Lina; Cao, Yanqiang; Li, Aidong	Theoretical design and computational screening of precursors for atomic layer deposition	5	Coord. Chem. Rev.	2016	https://doi.org/10.1016/j.ccr.2016.05.011
Lee, Sang Woon	Two-Dimensional Electron Gas at SrTiO3-Based Oxide Heterostructures via Atomic Layer Deposition	0	J. Nanomater.	2016	https://doi.org/10.1155/2016/1671390
Meng, Xiangbo; Wang, Xinwei; Geng, Dongsheng; Ozgit-Akgun, Cagla; Schneider, Nathanaelle; Elam, Jeffrey W.	Atomic layer deposition for nanomaterial synthesis and functionalization in energy technology	44	Mater. Horizons	2017	https://doi.org/10.1039/c6mh00521g
Yan, Bo; Li, Xifei; Bai, Zhimin; Song, Xiaosheng; Xiong, Dongbin; Zhao, Mengli; Li, Dejun; Lu, Shigang	A review of atomic layer deposition providing high performance lithium sulfur batteries	40	J. Power Sources	2017	https://doi.org/10.1016/j.jpowsour.2016.10.097
Singh, Joseph A.; Yang, Nuoya; Bent, Stacey F.	Nanoengineering Heterogeneous Catalysts by Atomic Layer Deposition	22	Annu. Rev. Chem. Biomol. Eng.	2017	https://doi.org/10.1146/annurev-chembioeng-060816-101547
Gao, Zhe; Qin, Yong	Design and Properties of Confined Nanocatalysts by Atomic Layer Deposition	15	Accounts Chem. Res.	2017	https://doi.org/10.1021/acs.accounts.7b00266
Various authors worldwide	Recommended reading list of early publications on atomic layer deposition-Outcome of the "Virtual Project on the History of ALD"	15	J. Vac. Sci. Technol. A	2017	https://doi.org/10.1116/1.4971389
Meng, Xiangbo	Atomic-scale surface modifications and novel electrode designs for high-performance sodium-ion batteries via atomic layer deposition	12	J. Mater. Chem. A	2017	https://doi.org/10.1039/c7ta02742g
Biyikli, Necmi; Haider, Ali	Atomic layer deposition: an enabling technology for the growth of functional nanoscale semiconductors	11	Semicond. Sci. Technol.	2017	https://doi.org/10.1088/1361-6641/aa7ade
Sonsteby, Henrik Hovde; Fjellvag, Helmer; Nilsen, Ola	Functional Perovskites by Atomic Layer Deposition - An Overview	11	Adv. Mater. Interfaces	2017	https://doi.org/10.1002/admi.201600903
Jarvis, Karyn L.; Evans, Peter J.	Growth of thin barrier films on flexible polymer substrates by atomic layer deposition	11	Thin Solid Films	2017	https://doi.org/10.1016/j.tsf.2016.12.055
Vervuurt, Rene H. J.; Kessels, Wilhelmus M. M. (Erwin); Bol, Ageeth A.	Atomic Layer Deposition for Graphene Device Integration	9	Adv. Mater. Interfaces	2017	https://doi.org/10.1002/admi.201700232
Tripathi, Tripurari Sharan; Karppinen, Maarit	Atomic Layer Deposition of p-Type Semiconducting Thin Films: a Review	8	Adv. Mater. Interfaces	2017	https://doi.org/10.1002/admi.201700300
Karbasian, Golnaz; McConnell, Michael S.; George, Hubert; Schneider, Louisa C.; Filmer, Matthew J.; Orlov, Alexei O.; Nazarov, Alexei N.; Snider, Gregory L.	Metal-Insulator-Metal Single Electron Transistors with Tunnel Barriers Prepared by Atomic Layer Deposition	4	Appl. Sci.-Basel	2017	https://doi.org/10.3390/app7030246
Niemela, Janne-Petteri; Marin, Giovanni; Karppinen, Maarit	Titanium dioxide thin films by atomic layer deposition: a review	3	Semicond. Sci. Technol.	2017	https://doi.org/10.1088/1361-6641/aa78ce

Burgess, C. H.	Review of tailoring ZnO for optoelectronics through atomic layer deposition experimental variables	2	Mater. Sci. Technol.	2017	https://doi.org/10.1080/02670836.2016.1198578
Hu, Liang; Qi, Weihong; Li, Yejun	Coating strategies for atomic layer deposition	1	Nanotechnol. Rev.	2017	https://doi.org/10.1515/ntrev-2017-0149
Lu, Wei; Liang, Longwei; Sun, Xuan; Sun, Xiaofei; Wu, Chen; Hou, Linrui; Sun, Jinfeng; Yuan, Changzhou	Recent Progresses and Development of Advanced Atomic Layer Deposition towards High-Performance Li-Ion Batteries	1	Nanomaterials	2017	https://doi.org/10.3390/nano7100325
Su, Jingjie; Li, Zhaodong; Yu, Yanhao; Wang, Xudong	Atomic Layer Deposition for Advanced Electrode Design in Photoelectrochemical and Triboelectric Systems	1	Adv. Mater. Interfaces	2017	https://doi.org/10.1002/admi.201600835
Cao, Kun; Cai, Jiaming; Liu, Xiao; Chen, Rong	Review Article: Catalysts design and synthesis via selective atomic layer deposition	8	J. Vac. Sci. Technol. A	2018	https://doi.org/10.1116/1.5000587
Weber, Matthieu; Julbe, Anne; Ayral, Andre; Miele, Philippe; Bechelany, Mikhael	Atomic Layer Deposition for Membranes: Basics, Challenges, and Opportunities	5	Chem. Mat.	2018	https://doi.org/10.1021/acs.chemmater.8b02687
Onn, Tzia Ming; Kungas, Rainer; Fornasiero, Paolo; Huang, Kevin; Gorte, Raymond J.	Atomic Layer Deposition on Porous Materials: Problems with Conventional Approaches to Catalyst and Fuel Cell Electrode Preparation	4	Inorganics	2018	https://doi.org/10.3390/inorganics6010034
Yang, Hao-Cheng; Waldman, Ruben Z.; Chen, Zhaowei; Darling, Seth B.	Atomic layer deposition for membrane interface engineering	2	Nanoscale	2018	https://doi.org/10.1039/c8nr08114j
Adhikari, Sangeeta; Selvaraj, Seenivasan; Kim, Do-Heyoung	Progress in Powder Coating Technology Using Atomic Layer Deposition	2	Adv. Mater. Interfaces	2018	https://doi.org/10.1002/admi.201800581
Mantymaki, Miia; Ritala, Mikko; Leskela, Markku	Metal Fluorides as Lithium-Ion Battery Materials: An Atomic Layer Deposition Perspective	1	Coatings	2018	https://doi.org/10.3390/coatings8080277
Wang Hengwei; Lu Junling	Atomic Layer Deposition: A Gas Phase Route to Bottom-up Precise Synthesis of Heterogeneous Catalyst	1	Acta Phys.-Chim. Sin.	2018	https://doi.org/10.3866/PKU.WHXB201804201
Sheng, Jiazhen; Lee, Jung-Hoon; Choi, Wan-Ho; Hong, TaeHyun; Kim, MinJung; Park, Jin-Seong	Review Article: Atomic layer deposition for oxide semiconductor thin film transistors: Advances in research and development	0	J. Vac. Sci. Technol. A	2018	https://doi.org/10.1116/1.5047237
Zhang, Bin; Qin, Yong	Interface Tailoring of Heterogeneous Catalysts by Atomic Layer Deposition	0	ACS Catal.	2018	https://doi.org/10.1021/acscatal.8b02659
Seo, Seongrok; Jeong, Seonghwa; Park, Hyoungmin; Shin, Hyunjung; Park, Nam-Gyu	Atomic layer deposition for efficient and stable perovskite solar cells	0	Chem. Commun.	2019	https://doi.org/10.1039/c8cc09578g
Mackus, Adriaan J. M.; Schneider, Joel R.; MacIsaac, Callisto; Baker, Jon G.; Bent, Stacey F.	Synthesis of Doped, Ternary, and Quaternary Materials by Atomic Layer Deposition: A Review	0	Chem. Mat.	2019	https://doi.org/10.1021/acs.chemmater.8b02878
Prakash, Jai; Swart, Hendrik C.; Zhang, Gaixia; Sun, Shuhui	Emerging applications of atomic layer deposition for the rational design of novel nanostructures for surface-enhanced Raman scattering	0	J. Mater. Chem. C	2019	https://doi.org/10.1039/c8tc06299d
Weimer, Alan W.	Particle atomic layer deposition	0	J. Nanopart. Res.	2019	https://doi.org/10.1007/s11051-018-4442-9
Hao, W.; Marichy, C.; Journet, C.	Atomic layer deposition of stable 2D materials	0	2D Mater.	2019	https://doi.org/10.1088/2053-1583/aad94f
Lee, Seunghwan; Han, Ju-Hwan; Lee, Seong-Hyeon; Baek, Geon-Ho; Park, Jin-Seong	Review of Organic/Inorganic Thin Film Encapsulation by Atomic Layer Deposition for a Flexible OLED Display	0	JOM	2019	https://doi.org/10.1007/s11837-018-3150-3
Subramanian, Ashwanth; Tiwale, Nikhil; Nam, Chang-Yong	Review of Recent Advances in Applications of Vapor-Phase Material Infiltration Based on Atomic Layer Deposition	0	JOM	2019	https://doi.org/10.1007/s11837-018-3141-4