

William Wilson McNeary

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supercritical Methanol Solvolysis and Catalysis for the Conversion of Delignified Woody Biomass into Light Alcohol Gasoline Bioblendstock. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	2
2	Optimization of Extended-Surface PtNi Nanowire Oxygen Reduction Electrocatalysts Produced via Atomic Layer Deposition. <i>ACS Applied Energy Materials</i> , 2022, 5, 4587-4602.	5.1	7
3	Atomic Layer Deposition with TiO ₂ for Enhanced Reactivity and Stability of Aromatic Hydrogenation Catalysts. <i>ACS Catalysis</i> , 2021, 11, 8538-8549.	11.2	24
4	Amine-functionalized fumed silica for CO ₂ capture through particle molecular layer deposition. <i>Chemical Engineering Science</i> , 2021, 245, 116954.	3.8	3
5	Atomic layer deposition of tungsten nitride films as protective barriers to hydrogen. <i>Applied Surface Science</i> , 2020, 507, 145019.	6.1	5
6	Water management implications for ALD-modified polymer electrolyte membrane fuel cell catalysts. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	5
7	Nonuniform Growth of Sub-2 Nanometer Atomic Layer Deposited Alumina Films on Lithium Nickel Manganese Cobalt Oxide Cathode Battery Materials. <i>ACS Applied Nano Materials</i> , 2019, 2, 6989-6997.	5.0	23
8	Improved durability and activity of Pt/C catalysts through atomic layer deposition of tungsten nitride and subsequent thermal treatment. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 587-593.	20.2	33
9	Extended Thin-Film Electrocatalyst Structures via Pt Atomic Layer Deposition. <i>ACS Applied Nano Materials</i> , 2018, 1, 6150-6158.	5.0	7
10	Atomic layer deposition of TiO ₂ for stabilization of Pt nanoparticle oxygen reduction reaction catalysts. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 973-984.	2.9	16
11	Proton Exchange Membrane Fuel Cell Flooding Caused by Residual Functional Groups after Platinum Atomic Layer Deposition. <i>Electrochimica Acta</i> , 2017, 237, 192-198.	5.2	8