

# William Wilson McNeary

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1599960/publications.pdf>

Version: 2024-02-01

11  
papers

133  
citations

1478505

6  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Atomic Layer Deposition with TiO <sub>2</sub> for Enhanced Reactivity and Stability of Aromatic Hydrogenation Catalysts. <i>ACS Catalysis</i> , 2021, 11, 8538-8549.	11.2	24
3	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
4	Atomic layer deposition of TiO <sub>2</sub> for stabilization of Pt nanoparticle oxygen reduction reaction catalysts. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 973-984.	2.9	16
5	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
6	Extended Thin-Film Electrocatalyst Structures via Pt Atomic Layer Deposition. <i>ACS Applied Nano Materials</i> , 2018, 1, 6150-6158.	5.0	7
7	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
8	Atomic layer deposition of tungsten nitride films as protective barriers to hydrogen. <i>Applied Surface Science</i> , 2020, 507, 145019.	6.1	5
9	Water management implications for ALD-modified polymer electrolyte membrane fuel cell catalysts. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	5
10	Amine-functionalized fumed silica for CO <sub>2</sub> capture through particle molecular layer deposition. <i>Chemical Engineering Science</i> , 2021, 245, 116954.	3.8	3
11	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