

# Kolade A Oyekan

## List of Publications by Year in descending order

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9  
papers

281  
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1162367  
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docs citations

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times ranked

294  
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#	ARTICLE	IF	CITATIONS
1	A First-Principles Study on the Electronic, Thermodynamic and Dielectric Properties of Monolayer Ca(OH) <sub>2</sub> and Mg(OH) <sub>2</sub> . <i>Nanomaterials</i> , 2022, 12, 1774.	1.9	5
2	Amino-Functionalised Hybrid Ultramicroporous Materials that Enable Single-Step Ethylene Purification from a Ternary Mixture. <i>Angewandte Chemie</i> , 2021, 133, 10997-11004.	1.6	10
3	Amino-Functionalised Hybrid Ultramicroporous Materials that Enable Single-Step Ethylene Purification from a Ternary Mixture. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10902-10909.	7.2	56
4	Flexible Zn-MOF with Rare Underlying <i>scu</i> Topology for Effective Separation of C <sub>6</sub> Alkane Isomers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 51997-52005.	4.0	22
5	Breaking the trade-off between selectivity and adsorption capacity for gas separation. <i>Chem</i> , 2021, 7, 3085-3098.	5.8	68
6	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metal-organic framework. <i>Chemical Science</i> , 2021, 12, 14189-14197.	3.7	26
7	Engineering Structural Dynamics of Zirconium Metal-Organic Frameworks Based on Natural C <sub>4</sub> Linkers. <i>Journal of the American Chemical Society</i> , 2019, 141, 17207-17216.	6.6	54
8	In Situ Infrared Absorption Study of Plasma-Enhanced Atomic Layer Deposition of Silicon Nitride. <i>Langmuir</i> , 2018, 34, 2619-2629.	1.6	9
9	Chemical Modification Mechanisms in Hybrid Hafnium Oxo-methacrylate Nanocluster Photoresists for Extreme Ultraviolet Patterning. <i>Chemistry of Materials</i> , 2018, 30, 6192-6206.	3.2	31