

# Ruh Ullah Saleh

## List of Publications by Citations

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26

papers

2,682

citations

20

h-index

28

g-index

28

ext. papers

3,047

ext. citations

8.8

avg, IF

5.34

L-index

#	Paper	IF	Citations
26	Strategies of making TiO <sub>2</sub> and ZnO visible light active. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 170, 560-9	12.8	745
25	Photocatalytic degradation of organic dyes with manganese-doped ZnO nanoparticles. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 156, 194-200	12.8	614
24	Deep Eutectic Solvents: Physicochemical Properties and Gas Separation Applications. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 2616-2644	4.1	575
23	A detailed study of cholinium chloride and levulinic acid deep eutectic solvent system for CO <sub>2</sub> capture via experimental and molecular simulation approaches. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 20941-60	3.6	92
22	Energy efficiency of direct contact membrane distillation. <i>Desalination</i> , <b>2018</b> , 433, 56-67	10.3	80
21	Room-light-induced indoor air purification using an efficient Pt/N-TiO <sub>2</sub> photocatalyst. <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 108-109, 127-133	21.8	68
20	High-capacity methane storage in flexible alkane-linked porous aromatic network polymers. <i>Nature Energy</i> , <b>2019</b> , 4, 604-611	62.3	62
19	Investigation of Ester- and Amide-Linker-Based Porous Organic Polymers for Carbon Dioxide Capture and Separation at Wide Temperatures and Pressures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20772-85	9.5	43
18	Gas solubility and rheological behavior study of betaine and alanine based natural deep eutectic solvents (NADES). <i>Journal of Molecular Liquids</i> , <b>2018</b> , 256, 286-295	6	42
17	Insights of CO <sub>2</sub> adsorption performance of amine impregnated mesoporous silica (SBA-15) at wide range pressure and temperature conditions. <i>International Journal of Greenhouse Gas Control</i> , <b>2015</b> , 43, 22-32	4.2	34
16	Gas Solubility and Rheological Behavior of Natural Deep Eutectic Solvents (NADES) via Combined Experimental and Molecular Simulation Techniques. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7278-7295	1.8	32
15	High-Pressure Methane, Carbon Dioxide, and Nitrogen Adsorption on Amine-Impregnated Porous Montmorillonite Nanoclays. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 2749-2760	2.8	30
14	Synthesis of doped BiNbO <sub>4</sub> photocatalysts for removal of gaseous volatile organic compounds with artificial sunlight. <i>Chemical Engineering Journal</i> , <b>2012</b> , 185-186, 328-336	14.7	28
13	Adsorption equilibrium studies of CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> on various modified zeolites at high pressures up to 200 bars. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 262, 49-58	5.3	28
12	Photocatalytic oxidation of water and air contaminants with metal doped BiTaO <sub>4</sub> irradiated with visible light. <i>Catalysis Today</i> , <b>2012</b> , 192, 203-212	5.3	27
11	Double Salt Ionic Liquids Based on Ammonium Cations and Their Application for CO <sub>2</sub> Capture. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 17829-17844	3.8	26
10	Insights into choline chloride-phenylacetic acid deep eutectic solvent for CO <sub>2</sub> absorption. <i>RSC Advances</i> , <b>2016</b> , 6, 109201-109210	3.7	26

9	Comparative Investigation of Photocatalytic Degradation of Toluene on Nitrogen Doped Ta <sub>2</sub> O <sub>5</sub> and Nb <sub>2</sub> O <sub>5</sub> Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 3320-3328	3.9	26
8	Rheological, Thermodynamic, and Gas Solubility Properties of Phenylacetic Acid-Based Deep Eutectic Solvents. <i>Chemical Engineering and Technology</i> , <b>2017</b> , 40, 778-790	2	24
7	Wet-Chemical Synthesis of InTaO <sub>4</sub> for Photocatalytic Decomposition of Organic Contaminants in Air and Water with UV <sub>A</sub> Light. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 1563-1569	3.9	23
6	Visible light photocatalytic degradation of organics on nanoparticles of bi-metallic oxides. <i>Separation and Purification Technology</i> , <b>2012</b> , 89, 98-106	8.3	17
5	Synthesis, characterization and evaluation of porous polybenzimidazole materials for CO <sub>2</sub> adsorption at high pressures. <i>Adsorption</i> , <b>2016</b> , 22, 247-260	2.6	14
4	A combined experimental and theoretical study on gas adsorption performance of amine and amide porous polymers. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 279, 61-72	5.3	12
3	High performance CO <sub>2</sub> filtration and sequestration by using bromomethyl benzene linked microporous networks. <i>RSC Advances</i> , <b>2016</b> , 6, 66324-66335	3.7	6
2	Synthesis and Optical Properties of Transition Metal Doped ZnO Nanoparticles <b>2007</b> ,		4
1	Photocatalytic activities of ZnO nanoparticles synthesized by wet chemical techniques <b>2006</b> ,		4