

Chang Houn Rhee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nafion/Sulfonated Montmorillonite Composite: A New Concept Electrolyte Membrane for Direct Methanol Fuel Cells. <i>Chemistry of Materials</i> , 2005, 17, 1691-1697.	6.7	286
2	Current status and challenges of the ammonia-based CO ₂ capture technologies toward commercialization. <i>International Journal of Greenhouse Gas Control</i> , 2013, 14, 270-281.	4.6	110
3	Synthesis of nanostructured γ -alumina with a cationic surfactant and controlled amounts of water. <i>Microporous and Mesoporous Materials</i> , 2005, 79, 61-68.	4.4	84
4	Nanocomposite membranes of surface-sulfonated titanate and Nafion® for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2006, 159, 1015-1024.	7.8	83
5	Effects of Transition Metal Addition on the Solid-State Transformation of Molybdenum Trioxide to Molybdenum Carbides. <i>Chemistry of Materials</i> , 2004, 16, 307-314.	6.7	66
6	Montmorillonite functionalized with perfluorinated sulfonic acid for proton-conducting organic-inorganic composite membranes. <i>Journal of Power Sources</i> , 2006, 162, 180-185.	7.8	60
7	Process analysis for ammonia-based CO ₂ capture in ironmaking industry. <i>Energy Procedia</i> , 2011, 4, 1486-1493.	1.8	51
8	Alumina Nanotubes Containing Lithium of High Ion Mobility. <i>Journal of the American Chemical Society</i> , 2003, 125, 13354-13355.	13.7	47
9	Thermal and chemical stability of titanium-substituted MCM-41. <i>Catalysis Letters</i> , 1996, 40, 261-264.	2.6	39
10	Preparation and characterization of titanium-substituted MCM-41. <i>Catalysis Today</i> , 1997, 38, 213-219.	4.4	34
11	Characterization of ammonia-based CO ₂ capture process using ion speciation. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 1606-1613.	4.6	31
12	Template-free Hydrothermal Synthesis of High Surface Area Nitrogen-doped Titania Photocatalyst Active under Visible Light. <i>Chemistry Letters</i> , 2005, 34, 660-661.	1.3	25
13	Synthesis of Nitrogen-Doped Titanium Oxide Nanostructures Via a Surfactant-Free Hydrothermal Route. <i>Journal of Materials Research</i> , 2005, 20, 3011-3020.	2.6	22
14	Operating Cost for CO ₂ Capture Process Using Aqueous Ammonia. <i>Energy Procedia</i> , 2013, 37, 677-682.	1.8	13