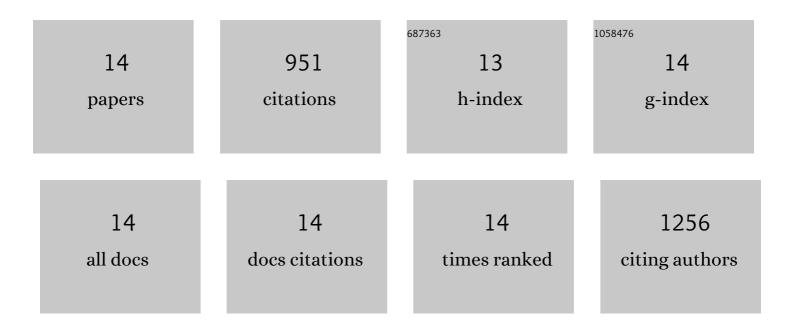
Chang Houn Rhee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nafion/Sulfonated Montmorillonite Composite:Â A New Concept Electrolyte Membrane for Direct Methanol Fuel Cells. Chemistry of Materials, 2005, 17, 1691-1697.	6.7	286
2	Current status and challenges of the ammonia-based CO2 capture technologies toward commercialization. International Journal of Greenhouse Gas Control, 2013, 14, 270-281.	4.6	110
3	Synthesis of nanostructured Î ³ -alumina with a cationic surfactant and controlled amounts of water. Microporous and Mesoporous Materials, 2005, 79, 61-68.	4.4	84
4	Nanocomposite membranes of surface-sulfonated titanate and Nafion® for direct methanol fuel cells. Journal of Power Sources, 2006, 159, 1015-1024.	7.8	83
5	Effects of Transition Metal Addition on the Solid-State Transformation of Molybdenum Trioxide to Molybdenum Carbides. Chemistry of Materials, 2004, 16, 307-314.	6.7	66
6	Montmorillonite functionalized with perfluorinated sulfonic acid for proton-conducting organic–inorganic composite membranes. Journal of Power Sources, 2006, 162, 180-185.	7.8	60
7	Process analysis for ammonia-based CO2 capture in ironmaking industry. Energy Procedia, 2011, 4, 1486-1493.	1.8	51
8	Alumina Nanotubes Containing Lithium of High Ion Mobility. Journal of the American Chemical Society, 2003, 125, 13354-13355.	13.7	47
9	Thermal and chemical stability of titanium-substituted MCM-41. Catalysis Letters, 1996, 40, 261-264.	2.6	39
10	Preparation and characterization of titanium-substituted MCM-41. Catalysis Today, 1997, 38, 213-219.	4.4	34
11	Characterization of ammonia-based CO2 capture process using ion speciation. International Journal of Greenhouse Gas Control, 2011, 5, 1606-1613.	4.6	31
12	Template-free Hydrothermal Synthesis of High Surface Area Nitrogen-doped Titania Photocatalyst Active under Visible Light. Chemistry Letters, 2005, 34, 660-661.	1.3	25
13	Synthesis of Nitrogen-Doped Titanium Oxide Nanostructures Via a Surfactant-Free Hydrothermal Route. Journal of Materials Research, 2005, 20, 3011-3020.	2.6	22
14	Operating Cost for CO2 Capture Process Using Aqueous Ammonia. Energy Procedia, 2013, 37, 677-682.	1.8	13