

# Joung Woon Kim

## List of Publications by Year in descending order

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22  
papers

362  
citations

933447

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794594

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g-index

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docs citations

22  
times ranked

436  
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategy of precipitated calcium carbonate (CaCO <sub>3</sub> ) fillers for enhancing the mechanical properties of polypropylene polymers. Korean Journal of Chemical Engineering, 2015, 32, 1009-1022.	2.7	78
2	Recovery of tungsten from spent selective catalytic reduction catalysts by pressure leaching. Journal of Industrial and Engineering Chemistry, 2015, 28, 73-77.	5.8	75
3	Removal of Hardness from Water Samples by a Carbonation Process with a Closed Pressure Reactor. Water (Switzerland), 2018, 10, 54.	2.7	38
4	Synthesis of aragonite-precipitated calcium carbonate from oyster shell waste via a carbonation process and its applications. Korean Journal of Chemical Engineering, 2017, 34, 225-230.	2.7	27
5	Activation of Ground Granulated Blast Furnace Slag Cement by Calcined Alunite. Materials Transactions, 2011, 52, 210-218.	1.2	23
6	Synthesis of nano precipitated calcium carbonate by using a carbonation process through a closed loop reactor. Journal of the Korean Physical Society, 2016, 68, 131-137.	0.7	19
7	Synergistic extraction of uranium from Korean black shale ore leach liquors using amine with phosphorous based extractant systems. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 843-854.	1.5	17
8	Effects of sodium dodecyl benzenesulfonic acid (SDBS) on the morphology and the crystal phase of CaCO <sub>3</sub> . Korean Journal of Chemical Engineering, 2011, 28, 1927-1935.	2.7	13
9	Economic evaluations of direct, indirect and hybrid coal liquefaction. Korean Journal of Chemical Engineering, 2012, 29, 868-875.	2.7	11
10	Preparation of CuO-CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> catalyst with mesopore structure for water gas shift reaction. Korean Journal of Chemical Engineering, 2009, 26, 32-35.	2.7	10
11	Characteristics of precipitated calcium carbonate by hydrothermal and carbonation processes with mega-crystalline calcite using rotary microwave kiln. Journal of Industrial and Engineering Chemistry, 2014, 20, 2727-2734.	5.8	8
12	Preparation of high purity PCC from medium- and low-grade limestones using the strongly acidic cation exchange resin. Journal of Industrial and Engineering Chemistry, 2015, 30, 309-321.	5.8	8
13	Effects of modified LDPE on physico-mechanical properties of HDPE/CaCO <sub>3</sub> composites. Korean Journal of Chemical Engineering, 2016, 33, 3258-3266.	2.7	8
14	Calcination of mega-crystalline calcite using microwave and electric furnaces. Journal of Industrial and Engineering Chemistry, 2012, 18, 1956-1963.	5.8	5
15	Synthesis gas and char production from Mongolian coals in the continuous devolatilization process. Korean Journal of Chemical Engineering, 2013, 30, 321-326.	2.7	5
16	CO oxidation from syngas (CO and H <sub>2</sub> ) using nanoporous Pt/Al <sub>2</sub> O <sub>3</sub> catalyst. Korean Journal of Chemical Engineering, 2010, 27, 1458-1461.	2.7	4
17	Preparation of Enhanced Extraction Resin by BPO for the Separation of Rare Earth Elements (Gd, Tb). Tj ETQq1 1 0.784314 rgBT /Over 2.5	2.5	3
18	Effects of polyolefin elastomer on physico-mechanical and thermal properties of HDPE/CaCO <sub>3</sub> /LDPE-g-MA/POE composites. Korean Journal of Chemical Engineering, 2017, 34, 1531-1540.	2.7	3

#	ARTICLE	IF	CITATIONS
19	Effects of Precipitated Calcium Carbonate Morphology on the Synthesis of Calcium Lactate. Resources Processing, 2008, 55, 12-15.	0.4	3
20	Preparation of CaCO <sub>3</sub> using mega-crystalline calcite in electrical furnace and batch type microwave kiln. Journal of Industrial and Engineering Chemistry, 2013, 19, 1507-1516.	5.8	2
21	Synthesis of Amorphous Calcium Carbonation in Ethanol and its Crystallization in the Aqueous Solution. Geosystem Engineering, 2003, 6, 106-111.	1.4	1
22	Preparation of environmental-friendly lime paints from hydrated lime and hydrated light burned dolomite. Korean Journal of Chemical Engineering, 2012, 29, 823-829.	2.7	1