

# Ji Chan Park

## List of Publications by Year in descending order

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36  
papers

1,077  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated synthesis and data accumulation for fast production of high-performance Ni nanocatalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 106, 449-459.	5.8	6
2	A new synthesis of highly active Rh-Co alloy nanoparticles supported on N-doped porous carbon for catalytic C-Se cross-coupling and <i>p</i> -nitrophenol hydrogenation reactions. <i>New Journal of Chemistry</i> , 2021, 45, 7959-7966.	2.8	5
3	Unravelling the K-promotion effect in highly active and stable Fe <sub>5</sub> C <sub>2</sub> nanoparticles for catalytic linear $\alpha$ -olefin production. <i>Materials Advances</i> , 2021, 2, 1050-1058.	5.4	3
4	Efficient catalyst by a sequential melt infiltration method to achieve a high loading of supported nickel nanoparticles for compact reformer. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 102, 218-225.	5.8	2
5	Unravelling the reaction mechanism of gas-phase formic acid decomposition on highly dispersed Mo <sub>2</sub> C nanoparticles supported on graphene flakes. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118478.	20.2	23
6	Effect of Ba impregnation on Al <sub>2</sub> O <sub>3</sub> catalyst for 1-octene production by 1-octanol dehydration. <i>Fuel</i> , 2020, 281, 118791.	6.4	10
7	A new systematic synthesis of ultimate nickel nanocatalysts for compact hydrogen generation. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1218-1223.	3.7	4
8	Phase-controlled synthesis of thermally stable nitrogen-doped carbon supported iron catalysts for highly efficient Fischer-Tropsch synthesis. <i>Nano Research</i> , 2019, 12, 2568-2575.	10.4	18
9	Bimetallic NiPd Nanoparticle-Incorporated Ordered Mesoporous Carbon as Highly Efficient Electrocatalysts for Hydrogen Production via Overall Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15526-15536.	6.7	44
10	Extremely productive iron-carbide nanoparticles on graphene flakes for CO hydrogenation reactions under harsh conditions. <i>Journal of Catalysis</i> , 2019, 378, 289-297.	6.2	17
11	Production of linear $\alpha$ -olefin 1-octene via dehydration of 1-octanol over Al <sub>2</sub> O <sub>3</sub> catalyst. <i>Fuel</i> , 2019, 256, 115957.	6.4	11
12	Leaching-resistant SnO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> nanocatalyst for stable electrochemical CO <sub>2</sub> reduction into formate. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 78, 73-78.	5.8	21
13	Highly dispersed Ni nanoparticles on mesoporous silica nanospheres by melt infiltration for transfer hydrogenation of aryl ketones. <i>RSC Advances</i> , 2019, 9, 14154-14159.	3.6	7
14	A highly efficient nano-sized Cu <sub>2</sub> O/SiO <sub>2</sub> egg-shell catalyst for C-C coupling reactions. <i>RSC Advances</i> , 2018, 8, 6200-6205.	3.6	24
15	Hyperactive iron carbide@N-doped reduced graphene oxide/carbon nanotube hybrid architecture for rapid CO hydrogenation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11134-11139.	10.3	12
16	A durable nanocatalyst of potassium-doped iron-carbide/alumina for significant production of linear $\alpha$ olefins via Fischer-Tropsch synthesis. <i>Applied Catalysis A: General</i> , 2018, 564, 190-198.	4.3	19
17	Robust iron-carbide nanoparticles supported on alumina for sustainable production of gasoline-range hydrocarbons. <i>New Journal of Chemistry</i> , 2017, 41, 2756-2763.	2.8	13
18	Large-scale synthesis of uniformly loaded cobalt nanoparticles on alumina for efficient clean fuel production. <i>RSC Advances</i> , 2017, 7, 8852-8857.	3.6	4

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19	High-performance Fe <sub>5</sub> C <sub>2</sub> @CMK-3 nanocatalyst for selective and high-yield production of gasoline-range hydrocarbons. <i>Journal of Catalysis</i> , 2017, 349, 66-74.	6.2	20
20	Nickel Nanoparticles Supported on CMK-3 with Enhanced Catalytic Performance for Hydrogenation of Carbonyl Compounds. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3469-3473.	2.0	6
21	Development of a stand-alone steam methane reformer for on-site hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8176-8183.	7.1	27
22	Highly productive cobalt nanoparticles supported on mesocellular silica foam for the Fischer-Tropsch reaction. <i>New Journal of Chemistry</i> , 2016, 40, 9586-9592.	2.8	7
23	A Facile Synthesis of SiO <sub>2</sub> @Co/mSiO <sub>2</sub> Egg-Shell Nanoreactors for Fischer-Tropsch Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1787-1792.	0.9	2
24	Cs promoted Fe <sub>5</sub> C <sub>2</sub> /charcoal nanocatalysts for sustainable liquid fuel production. <i>RSC Advances</i> , 2015, 5, 44211-44217.	3.6	13
25	A new synthesis of carbon encapsulated Fe <sub>5</sub> C <sub>2</sub> nanoparticles for high-temperature Fischer-Tropsch synthesis. <i>Nanoscale</i> , 2015, 7, 16616-16620.	5.6	67
26	Facile synthesis of Pd/Fe <sub>3</sub> O <sub>4</sub> /charcoal bifunctional catalysts with high metal loading for high product yields in Suzuki-Miyaura coupling reactions. <i>New Journal of Chemistry</i> , 2014, 38, 5626-5632.	2.8	31
27	Highly activated K-doped iron carbide nanocatalysts designed by computational simulation for Fischer-Tropsch synthesis. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14371-14379.	10.3	65
28	Porosity Control of Pd@SiO <sub>2</sub> Yolk-Shell Nanocatalysts by the Formation of Nickel Phyllosilicate and Its Influence on Suzuki Coupling Reactions. <i>Langmuir</i> , 2012, 28, 6441-6447.	3.5	71
29	Gram-Scale Synthesis of Magnetically Separable and Recyclable Co@SiO <sub>2</sub> Yolk-Shell Nanocatalysts for Phenoxycarbonylation Reactions. <i>ChemCatChem</i> , 2011, 3, 755-760.	3.7	34
30	Solvent-Free Microwave Promoted [3+2] Cycloaddition of Alkyne-Azide in Uniform CuO Hollow Nanospheres. <i>Topics in Catalysis</i> , 2010, 53, 523-528.	2.8	21
31	Platinum-Centered Yolk-Shell Nanostructure Formation by Sacrificial Nickel Spacers. <i>Langmuir</i> , 2010, 26, 16469-16473.	3.5	29
32	Catalytic Hydrogen Transfer of Ketones over Ni@SiO <sub>2</sub> Yolk-Shell Nanocatalysts with Tiny Metal Cores. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6381-6388.	3.1	77
33	Ni@SiO <sub>2</sub> yolk-shell nanoreactor catalysts: High temperature stability and recyclability. <i>Journal of Materials Chemistry</i> , 2010, 20, 1239-1246.	6.7	210
34	Cu <sub>2</sub> O Nanocube-Catalyzed Cross-Coupling of Aryl Halides with Phenols via Ullmann Coupling. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4219-4223.	2.0	65
35	Chemical transformation and morphology change of nickel-silica hybrid nanostructures via nickel phyllosilicates. <i>Chemical Communications</i> , 2009, , 7345.	4.1	61
36	Synthesis of Polycrystalline Mo/MoOx Nanoflakes and Their Transformation to MoO <sub>3</sub> and MoS <sub>2</sub> Nanoparticles. <i>Chemistry of Materials</i> , 2007, 19, 2706-2708.	6.7	28