

Curriculum Vitae

Personal Information		
Title (i.e. Prof., Dr., etc.)	Prof.	
Name (First name_Last Name)	Kyungmin Choi	
Degree (i.e. MD, Msc, PhD, etc.)	PhD	
Country	Korea	
Affiliation	Sookmyung Women's University	
Educational Background		
Mar. 2007 — Aug. 2012 Ph.D. in Materials Science and Engineering, Korea Advanced Institute of Science and Engineering (KAIST) (Adviser: Prof. Jeung Ku Kang, http://nanosf.kaist.ac.kr) (Thesis: A Study for the Control of Carbon Nanotubes Using Heterogeneous Catalysts and the Heterogeneity of Metal Organic Frameworks Within Order) Mar. 2000 — Feb. 2007 B.S. in Inorganic Materials Engineering (Summa Cum Laude), Kyungpook National University		
Professional Experience		
Mar. 2022 — Associate Professor, Chemical and Biological Engineering, Sookmyung Women's University (http://nanoporouslab.com) Mar. 2016 — Feb. 2021 Assistant Professor, Chemical and Biological Engineering, Sookmyung Women's University (http://nanoporouslab.com) Jan. 2013 — Nov. 2015 Postdoctoral Research Fellow & Group Leader (Lab. Manager) Department of Chemistry, University of California at Berkeley & Lawrence Berkeley National Laboratory (Adviser: Prof. Omar M. Yaghi, http://yaghi.berkeley.edu) Aug. 2012 — Dec. 2012 Research Assistant Professor, Materials Science and Engineering Korea Advanced Institute of Science and Engineering (KAIST) (Adviser: Prof. Jeungku Kang, http://nanosf.kaist.ac.kr)		
Main Scientific Publications		
1. S. Ko#, U. Ryu, H. Yoo, J. Shin, K. Choi*, D. Park*, W.Choi*. Energy & Environmental Materials, 2024, e12805 (IF=13) 2. S. Ko, U. Ryu, H. Park, A. M. Fracaroli, W.Y. Moon, K. M. Choi* . Journal of the American Chemical Society , 2023, 145, 5, 3101-3107 (IF=16.383) 3. Y. Cho#, S. Jee#, I. Suhito, J. Lee, C. Park, K Choi*, T. Kim*, Science advances, 2022, 8, 16, 1 12 (IF=14.136). 4. Muhammad#, S. Jee #, M. Jung, J. Park, S. Kang*, K. Choi*, H. Oh*. Journal of the American Chemical Society , 2021, 143, 22, 8232-8236 (IF=16.383) 5. W. Choi#, K. Kim, H. Lee, J. Choi, D. Park, G. Kim, K. Choi*, J. Kang*, Advanced Science, 2021, 8(2100044), 1-9 (IF=17.521) 6. H. S. Lee, S. Jee, R. Kim, T. H. Bui, B. Kim, J.-K. Kim, K. S. Park, W. Choi, W. Kim*, K. M. Choi *, Energy & Environmental Science, 2020, 13, 519 - 526 (Inside Cover) (Impact factor = 30.289) 7. U. Ryu#, S. Jee #, P. Raob#, J. Shin, C. Ko, M. Yoon*, K. Park*, K. Choi*, Coordination Chemistry Reviews, 2021, 213544 (IF=22.315)		



8. W. H. Choi, B. C. Moon, D. G. Park, J. W. Choi, K.-H. Kim, J.-S. Shin, M. G. Kim, K. M. Choi*, and J. K. Kang*, *Advanced Science*, 7, 2000283 (Impact factor = 17.521)
9. L. Zhang#, S. Jee#, J. Park, M. Jung, D. Wallacher, A. Franz, W. Lee, M. Yoon, K. M. Choi*, M. Hirscher*, H. Oh*, *Journal of the American Chemical Society*, 2019, 141, 50 (Impact factor = 16.383)
10. S. H. Kim, J. S. Yeon, R. K. Kim, K. M. Choi*, and H. S. Park*, *Journal of Materials Chemistry A*, 2018, 6, 24971 (Impact factor = 10.73)
11. G.-Y. Jeong, A. K. Singh, M.-G. Kim, K.-W. Gyak, U. Ryu, K. M. Choi*, D.-P. Kim*, *Nature Communications*, 2018, 9, 3968 (Impact factor = 11.88)
12. U. Ryu, S. H. Jee, M. W. Park*, K. M. Choi*, *ACS Nano*, 2018, 12, (5) 4968-4975 (Impact factor = 13.903)

