Seju Kang

List of Publications by Year
in descending order

14	439	1170033 9	1181555 14
papers	citations	h-index	g-index

14	14	14	620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in environmental science and engineering applications of cellulose nanocomposites. Critical Reviews in Environmental Science and Technology, 2023, 53, 650-675.	6.6	7
2	Lectin-Modified Bacterial Cellulose Nanocrystals Decorated with Au Nanoparticles for Selective Detection of Bacteria Using Surface-Enhanced Raman Scattering Coupled with Machine Learning. ACS Applied Nano Materials, 2022, 5, 259-268.	2.4	36
3	Life Cycle Impact Assessment of Iron Oxide (Fe₃O₄/β-Fe₂O₃) Nanoparticle Synthesis Routes. ACS Sustainable Chemistry and Engineering, 2022, 10, 3155-3165.	3.2	12
4	Surface-Enhanced Raman Spectroscopy of Bacterial Metabolites for Bacterial Growth Monitoring and Diagnosis of Viral Infection. Environmental Science & Technology, 2021, 55, 9119-9128.	4.6	19
5	Nanostructured Au-Based Surface-Enhanced Raman Scattering Substrates and Multivariate Regression for pH Sensing. ACS Applied Nano Materials, 2021, 4, 5768-5777.	2.4	6
6	Discriminatory Detection of ssDNA by Surface-Enhanced Raman Spectroscopy (SERS) and Tree-Based Support Vector Machine (Tr-SVM). Analytical Chemistry, 2021, 93, 9319-9328.	3.2	30
7	Nanobiotechnology enabled approaches for wastewater based epidemiology. TrAC - Trends in Analytical Chemistry, 2021, 143, 116400.	5.8	9
8	Plasmonic Electronic Raman Scattering as Internal Standard for Spatial and Temporal Calibration in Quantitative Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 9543-9551.	2.1	35
9	Synthesis and SERS application of gold and iron oxide functionalized bacterial cellulose nanocrystals (Au@Fe₃O₄@BCNCs). Analyst, The, 2020, 145, 4358-4368.	1.7	11
10	Differential Drivers of Antimicrobial Resistance across the World. Accounts of Chemical Research, 2019, 52, 916-924.	7.6	142
11	Effect of using powdered biochar and surfactant on desorption and biodegradability of phenanthrene sorbed to biochar. Journal of Hazardous Materials, 2019, 371, 253-260.	6.5	24
12	Effect of biochar particle size on hydrophobic organic compound sorption kinetics: Applicability of using representative size. Science of the Total Environment, 2018, 619-620, 410-418.	3.9	52
13	Economic and environmental sustainability and public perceptions of rooftop farm versus extensive garden. Building and Environment, 2018, 146, 206-215.	3.0	37
14	Non-equilibrium passive sampling of hydrophobic organic contaminants in sediment pore-water: PCB exchange kinetics. Journal of Hazardous Materials, 2016, 318, 579-586.	6.5	19