

# Seju Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8751517/publications.pdf>

Version: 2024-02-01

14  
papers

439  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Drivers of Antimicrobial Resistance across the World. <i>Accounts of Chemical Research</i> , 2019, 52, 916-924.	15.6	142
2	Effect of biochar particle size on hydrophobic organic compound sorption kinetics: Applicability of using representative size. <i>Science of the Total Environment</i> , 2018, 619-620, 410-418.	8.0	52
3	Economic and environmental sustainability and public perceptions of rooftop farm versus extensive garden. <i>Building and Environment</i> , 2018, 146, 206-215.	6.9	37
4	Lectin-Modified Bacterial Cellulose Nanocrystals Decorated with Au Nanoparticles for Selective Detection of Bacteria Using Surface-Enhanced Raman Scattering Coupled with Machine Learning. <i>ACS Applied Nano Materials</i> , 2022, 5, 259-268.	5.0	36
5	Plasmonic Electronic Raman Scattering as Internal Standard for Spatial and Temporal Calibration in Quantitative Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9543-9551.	4.6	35
6	Discriminatory Detection of ssDNA by Surface-Enhanced Raman Spectroscopy (SERS) and Tree-Based Support Vector Machine (Tr-SVM). <i>Analytical Chemistry</i> , 2021, 93, 9319-9328.	6.5	30
7	Effect of using powdered biochar and surfactant on desorption and biodegradability of phenanthrene sorbed to biochar. <i>Journal of Hazardous Materials</i> , 2019, 371, 253-260.	12.4	24
8	Non-equilibrium passive sampling of hydrophobic organic contaminants in sediment pore-water: PCB exchange kinetics. <i>Journal of Hazardous Materials</i> , 2016, 318, 579-586.	12.4	19
9	Surface-Enhanced Raman Spectroscopy of Bacterial Metabolites for Bacterial Growth Monitoring and Diagnosis of Viral Infection. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9119-9128.	10.0	19
10	Life Cycle Impact Assessment of Iron Oxide ( $\text{Fe}_3\text{O}_4/\text{Fe}_2\text{O}_3$ ) Nanoparticle Synthesis Routes. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3155-3165.	6.7	12
11	Synthesis and SERS application of gold and iron oxide functionalized bacterial cellulose nanocrystals ( $\text{Au}@ \text{Fe}_3\text{O}_4/\text{BCNCs}$ ). <i>Analyst</i> , The, 2020, 145, 4358-4368.	3.5	11
12	Nanobiotechnology enabled approaches for wastewater based epidemiology. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116400.	11.4	9
13	Recent advances in environmental science and engineering applications of cellulose nanocomposites. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 650-675.	12.8	7
14	Nanostructured Au-Based Surface-Enhanced Raman Scattering Substrates and Multivariate Regression for pH Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 5768-5777.	5.0	6