

# Seunghee Hanna Cho

## List of Publications by Year in descending order

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11  
papers

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citations

933447

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1281871

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#	ARTICLE	IF	CITATIONS
1	Carboxylic Acid-Functionalized, Graphitic Layer-Coated Three-Dimensional SERS Substrate for Label-Free Analysis of Alzheimer's Disease Biomarkers. <i>Nano Letters</i> , 2020, 20, 2576-2584.	9.1	64
2	Reversible and Irreversible Responses of Defect-Engineered Graphene-Based Electrolyte-Gated pH Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 834-839.	8.0	45
3	Vertically aligned nanostructures for a reliable and ultrasensitive SERS-active platform: Fabrication and engineering strategies. <i>Nano Today</i> , 2021, 37, 101063.	11.9	43
4	Synergistic SERS Enhancement in GaN/Ag Hybrid System toward Label-Free and Multiplexed Detection of Antibiotics in Aqueous Solutions. <i>Advanced Science</i> , 2021, 8, e2100640.	11.2	28
5	Separation-free bacterial identification in arbitrary media via deep neural network-based SERS analysis. <i>Biosensors and Bioelectronics</i> , 2022, 202, 113991.	10.1	27
6	Selective, Quantitative, and Multiplexed Surface-Enhanced Raman Spectroscopy Using Aptamer-Functionalized Monolithic Plasmonic Nanogrids Derived from Cross-Point Nano-Welding. <i>Advanced Functional Materials</i> , 2020, 30, 2000612.	14.9	25
7	Synergistic Integration of Chemo-Resistive and SERS Sensing for Label-Free Multiplex Gas Detection. <i>Advanced Materials</i> , 2021, 33, e2105199.	21.0	25
8	Chemical and biological sensors based on defect-engineered graphene mesh field-effect transistors. <i>Nano Convergence</i> , 2016, 3, 14.	12.1	14
9	Universal Synthesis of Porous Inorganic Nanosheets via Graphene-Cellulose Templating Route. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34100-34108.	8.0	13
10	Engraving High-Density Nanogaps in Gold Thin Films via Sequential Anodization and Reduction for Surface-Enhanced Raman Spectroscopy Applications. <i>Chemistry of Materials</i> , 2018, 30, 6183-6191.	6.7	12
11	Synergistic Integration of Chemo-Resistive and SERS Sensing for Label-Free Multiplex Gas Detection ( <i>Adv. Mater.</i> 44/2021). <i>Advanced Materials</i> , 2021, 33, 2170350.	21.0	1