Seunghee Hanna Cho

List of Publications by Year
in descending order

11	299	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	414
all docs	docs citations	times ranked	citing authors

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