

# Inseong Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4776711/publications.pdf>

Version: 2024-02-01

19  
papers

333  
citations

933447

10  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

675  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic approaches for gene delivery and gene therapy. <i>Lab on A Chip</i> , 2011, 11, 3941.	6.0	64
2	A label-free DC impedance-based microcytometer for circulating rare cancer cell counting. <i>Lab on A Chip</i> , 2013, 13, 970.	6.0	61
3	Fabrication and Characterization of Plasma-Polymerized Poly(ethylene glycol) Film with Superior Biocompatibility. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 697-702.	8.0	30
4	A flow cytometry-based submicron-sized bacterial detection system using a movable virtual wall. <i>Lab on A Chip</i> , 2014, 14, 2327.	6.0	26
5	Computational design of protein therapeutics. <i>Drug Discovery Today: Technologies</i> , 2008, 5, e43-e48.	4.0	24
6	Multiplex immunoassays using virus-tethered gold microspheres by DC impedance-based flow cytometry. <i>Biosensors and Bioelectronics</i> , 2018, 102, 121-128.	10.1	23
7	Electrochemical detection of neurotransmitters: Toward synapse-based neural interfaces. <i>Biomedical Engineering Letters</i> , 2016, 6, 123-133.	4.1	17
8	Biotin-assisted folding of streptavidin on the yeast surface. <i>Biotechnology Progress</i> , 2012, 28, 276-283.	2.6	13
9	Virus-Tethered Magnetic Gold Microspheres with Biomimetic Architectures for Enhanced Immunoassays. <i>Advanced Functional Materials</i> , 2013, 23, 1484-1489.	14.9	13
10	Salivary biomarkers in oral squamous cell carcinoma. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2020, 46, 301-312.	0.8	13
11	Virus Outbreaks in Chemical and Biological Sensors. <i>Sensors</i> , 2014, 14, 13592-13612.	3.8	9
12	Selective and Direct Immobilization of Cysteinyll Biomolecules by Electrochemical Cleavage of Azo Linkage. <i>Langmuir</i> , 2010, 26, 15087-15091.	3.5	8
13	Leaky Gum: The Revisited Origin of Systemic Diseases. <i>Cells</i> , 2022, 11, 1079.	4.1	8
14	Gold-plated magnetic polymers for highly specific enrichment and label-free detection of blood biomarkers under physiological conditions. <i>Chemical Communications</i> , 2014, 50, 10066-10069.	4.1	6
15	Robust Type-specific Hemisynapses Induced by Artificial Dendrites. <i>Scientific Reports</i> , 2016, 6, 24210.	3.3	6
16	Simultaneous Detection of SERS and Fluorescence Using a Single Excitation for Microbead-Based Analysis. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1241-1244.	1.1	4
17	Chemically Deposited Cobalt-Based Oxygen-Evolution Electrocatalysts on DOPA-Displaying Viruses. <i>ChemCatChem</i> , 2018, 10, 165-169.	3.7	4
18	Translocation Pathway-Dependent Assembly of Streptavidin- and Antibody-Binding Filamentous Virus-Like Particles. <i>Small</i> , 2017, 13, 1601693.	10.0	2

#	ARTICLE	IF	CITATIONS
19	Multiplexed and spatiotemporal measurements of glutamate secreted by neurons and bacteria. Chemical Communications, 2016, 52, 11854-11856.	4.1	0