

Jinyoung Jeong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

771
citations

16
h-index

26
g-index

43
ext. papers

1,039
ext. citations

7.9
avg, IF

4.1
L-index

#	Paper	IF	Citations
40	Bioaccumulation of polystyrene nanoplastics and their effect on the toxicity of Au ions in zebrafish embryos. <i>Nanoscale</i> , 2019 , 11, 3173-3185	7.7	111
39	Synthesis and characterization of a photoluminescent nanoparticle based on fullerene-silica hybridization. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5296-9	16.4	77
38	Nanogap-Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. <i>Advanced Functional Materials</i> , 2017 , 27, 1701832	15.6	64
37	Color-tunable photoluminescent fullerene nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 1999-2003	24	52
36	An Antibody-Immobilized Silica Inverse Opal Nanostructure for Label-Free Optical Biosensors. <i>Sensors</i> , 2018 , 18,	3.8	38
35	Graphene oxide induces apoptotic cell death in endothelial cells by activating autophagy via calcium-dependent phosphorylation of c-Jun N-terminal kinases. <i>Acta Biomaterialia</i> , 2016 , 46, 191-203	10.8	37
34	Monitoring of conformational change in maltose binding protein using split green fluorescent protein. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 647-51	3.4	32
33	Clustered Regularly Interspaced Short Palindromic Repeats-Mediated Surface-Enhanced Raman Scattering Assay for Multidrug-Resistant Bacteria. <i>ACS Nano</i> , 2020 ,	16.7	30
32	Atomically Flat Au Nanoplate Platforms Enable Ultraspecific Attomolar Detection of Protein Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18960-18967	9.5	27
31	Diagnosis of Tamiflu-Resistant Influenza Virus in Human Nasal Fluid and Saliva Using Surface-Enhanced Raman Scattering. <i>ACS Sensors</i> , 2019 , 4, 2282-2287	9.2	26
30	Au@ZIF-8 SERS paper for food spoilage detection. <i>Biosensors and Bioelectronics</i> , 2021 , 179, 113063	11.8	25
29	Simple and rapid detection of bacteria using a nuclease-responsive DNA probe. <i>Analyst, The</i> , 2017 , 143, 332-338	5	24
28	On-Site Detection of Aflatoxin B1 in Grains by a Palm-Sized Surface Plasmon Resonance Sensor. <i>Sensors</i> , 2018 , 18,	3.8	20
27	Facile and sensitive detection of influenza viruses using SERS antibody probes. <i>RSC Advances</i> , 2016 , 6, 84415-84419	3.7	18
26	The Relationship between Dissolution Behavior and the Toxicity of Silver Nanoparticles on Zebrafish Embryos in Different Ionic Environments. <i>Nanomaterials</i> , 2018 , 8,	5.4	17
25	Improvement of physical properties of calcium phosphate cement by elastin-like polypeptide supplementation. <i>Scientific Reports</i> , 2018 , 8, 5216	4.9	16
24	Photoreversible cellular imaging using photochrome-conjugated fullerene silica nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 10668-70	5.8	16

23	Superb Specific, Ultrasensitive, and Rapid Identification of the Oseltamivir-Resistant H1N1 Virus: Naked-Eye and SERS Dual-Mode Assay Using Functional Gold Nanoparticles.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1233-1240	4.1	15
22	Surface-Independent and Oriented Immobilization of Antibody via One-Step Polydopamine/Protein G Coating: Application to Influenza Virus Immunoassay. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800486	5.5	12
21	Metal-Organic Framework Coating for the Preservation of Silver Nanowire Surface-Enhanced Raman Scattering Platform. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900427	4.6	9
20	Synthesis and Characterization of a Photoluminescent Nanoparticle Based on Fullerene/Silica Hybridization. <i>Angewandte Chemie</i> , 2009 , 121, 5400-5403	3.6	9
19	3D Hierarchical Nanotopography for On-Site Rapid Capture and Sensitive Detection of Infectious Microbial Pathogens. <i>ACS Nano</i> , 2021 , 15, 4777-4788	16.7	9
18	Fluorescent fullerene nanoparticle-based lateral flow immunochromatographic assay for rapid quantitative detection of C-reactive protein. <i>Nano Convergence</i> , 2019 , 6, 35	9.2	8
17	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. <i>Biosensors and Bioelectronics</i> , 2020 , 167, 112474	11.8	8
16	FRET probe-based antibacterial susceptibility testing (F-AST) by detection of bacterial nucleases released by antibiotic-induced lysis. <i>Biosensors and Bioelectronics</i> , 2019 , 130, 225-229	11.8	7
15	Simple, rapid, and accurate malaria diagnostic platform using microfluidic-based immunoassay of Plasmodium falciparum lactate dehydrogenase. <i>Nano Convergence</i> , 2020 , 7, 13	9.2	7
14	Detection of Ampicillin-Resistant Using Novel Nanoprobe-Combined Fluorescence In Situ Hybridization. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
13	Poly- γ -Glutamic Acid Complexed With Alum Induces Cross-Protective Immunity of Pandemic H1N1 Vaccine. <i>Frontiers in Immunology</i> , 2019 , 10, 1604	8.4	5
12	Biomimetic Nanopillar-Based Biosensor for Label-Free Detection of Influenza A Virus. <i>Biochip Journal</i> , 2021 , 15, 1-8	4	5
11	Enhanced immobilization of hexa-arginine-tagged esterase on gold nanoparticles using mixed self-assembled monolayers. <i>Bioprocess and Biosystems Engineering</i> , 2010 , 33, 165-9	3.7	4
10	Maternal exposure to polystyrene nanoplastics causes brain abnormalities in progeny. <i>Journal of Hazardous Materials</i> , 2021 , 127815	12.8	4
9	Specific FRET Probe-Based Antibacterial Susceptibility Testing (SF-AST) by Detection of Micrococcal Nuclease Activity. <i>ACS Infectious Diseases</i> , 2020 , 6, 215-223	5.5	4
8	Size-controllable C60 nano-islands prepared on silicon wafers via spin-coating and the effect of annealing. <i>Carbon</i> , 2015 , 94, 120-123	10.4	3
7	Zwitterionic Polydopamine/Protein G Coating for Antibody Immobilization: Toward Suppression of Nonspecific Binding in Immunoassays.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 3631-3639	4.1	3
6	Ultrasensitive Detection of Ovarian Cancer Biomarker Using Au Nanoplate SERS Immunoassay. <i>Biochip Journal</i> , 1	4	3

5	Intra-nanogap controllable Au plates as efficient, robust, and reproducible surface-enhanced Raman scattering-active platforms.. <i>RSC Advances</i> , 2019 , 9, 13007-13015	3.7	2
4	Effect of elastin-like polypeptide incorporation on the adhesion maturation of mineral trioxide aggregates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 2847-2856 ^{3,5}	3.5	2
3	MetalOrganic Frameworks: MetalOrganic Framework Coating for the Preservation of Silver Nanowire Surface-Enhanced Raman Scattering Platform (Adv. Mater. Interfaces 13/2019). <i>Advanced Materials Interfaces</i> , 2019 , 6, 1970088	4.6	1
2	Differential Clearance of Aβ Species from the Brain by Brain Lymphatic Endothelial Cells in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
1	Fluorescent Polypropylene Nanoplastics for Studying Uptake, Biodistribution, and Excretion in Zebrafish Embryos.. <i>ACS Omega</i> , 2022 , 7, 2467-2473	3.9	1