Jinyoung Jeong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7363189/publications.pdf

Version: 2024-02-01

40 papers	1,334 citations	361296 20 h-index	345118 36 g-index
43 all docs	43 docs citations	43 times ranked	2110 citing authors

#	Article	IF	Citations
1	Bioaccumulation of polystyrene nanoplastics and their effect on the toxicity of Au ions in zebrafish embryos. Nanoscale, 2019, 11, 3173-3185.	2.8	197
2	Au@ZIF-8 SERS paper for food spoilage detection. Biosensors and Bioelectronics, 2021, 179, 113063.	5.3	91
3	Clustered Regularly Interspaced Short Palindromic Repeats-Mediated Surface-Enhanced Raman Scattering Assay for Multidrug-Resistant Bacteria. ACS Nano, 2020, 14, 17241-17253.	7.3	89
4	Nanogapâ€Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. Advanced Functional Materials, 2017, 27, 1701832.	7.8	86
5	Synthesis and Characterization of a Photoluminescent Nanoparticle Based on Fullereneâ€“Silica Hybridization. Angewandte Chemie - International Edition, 2009, 48, 5296-5299.	7.2	85
6	Maternal exposure to polystyrene nanoplastics causes brain abnormalities in progeny. Journal of Hazardous Materials, 2022, 426, 127815.	6.5	77
7	Colorâ€Tunable Photoluminescent Fullerene Nanoparticles. Advanced Materials, 2012, 24, 1999-2003.	11.1	60
8	Graphene oxide induces apoptotic cell death in endothelial cells by activating autophagy via calcium-dependent phosphorylation of c-Jun N-terminal kinases. Acta Biomaterialia, 2016, 46, 191-203.	4.1	49
9	An Antibody-Immobilized Silica Inverse Opal Nanostructure for Label-Free Optical Biosensors. Sensors, 2018, 18, 307.	2.1	48
10	Diagnosis of Tamiflu-Resistant Influenza Virus in Human Nasal Fluid and Saliva Using Surface-Enhanced Raman Scattering. ACS Sensors, 2019, 4, 2282-2287.	4.0	38
11	Monitoring of conformational change in maltose binding protein using split green fluorescent protein. Biochemical and Biophysical Research Communications, 2006, 339, 647-651.	1.0	34
12	Atomically Flat Au Nanoplate Platforms Enable Ultraspecific Attomolar Detection of Protein Biomarkers. ACS Applied Materials & Interfaces, 2019, 11, 18960-18967.	4.0	34
13	On-Site Detection of Aflatoxin B1 in Grains by a Palm-Sized Surface Plasmon Resonance Sensor. Sensors, 2018, 18, 598.	2.1	32
14	Simple and rapid detection of bacteria using a nuclease-responsive DNA probe. Analyst, The, 2018, 143, 332-338.	1.7	29
15	Improvement of physical properties of calcium phosphate cement by elastin-like polypeptide supplementation. Scientific Reports, 2018, 8, 5216.	1.6	27
16	The Relationship between Dissolution Behavior and the Toxicity of Silver Nanoparticles on Zebrafish Embryos in Different Ionic Environments. Nanomaterials, 2018, 8, 652.	1.9	25
17	Facile and sensitive detection of influenza viruses using SERS antibody probes. RSC Advances, 2016, 6, 84415-84419.	1.7	24
18	3D Hierarchical Nanotopography for On-Site Rapid Capture and Sensitive Detection of Infectious Microbial Pathogens. ACS Nano, 2021, 15, 4777-4788.	7.3	23

#	Article	IF	Citations
19	Superb Specific, Ultrasensitive, and Rapid Identification of the Oseltamivir-Resistant H1N1 Virus: Naked-Eye and SERS Dual-Mode Assay Using Functional Gold Nanoparticles. ACS Applied Bio Materials, 2019, 2, 1233-1240.	2.3	22
20	Ultrasensitive Detection of Ovarian Cancer Biomarker Using Au Nanoplate SERS Immunoassay. Biochip Journal, 2021, 15, 348-355.	2.5	21
21	Surfaceâ€Independent and Oriented Immobilization of Antibody via Oneâ€Step Polydopamine/Protein G Coating: Application to Influenza Virus Immunoassay. Macromolecular Bioscience, 2019, 19, e1800486.	2.1	20
22	Fluorescent Polypropylene Nanoplastics for Studying Uptake, Biodistribution, and Excretion in Zebrafish Embryos. ACS Omega, 2022, 7, 2467-2473.	1.6	20
23	Photoreversible cellular imaging using photochrome-conjugated fullerene silica nanoparticles. Chemical Communications, 2011, 47, 10668.	2.2	18
24	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. Biosensors and Bioelectronics, 2020, 167, 112474.	5.3	18
25	Poly-Î³-Glutamic Acid Complexed With Alum Induces Cross-Protective Immunity of Pandemic H1N1 Vaccine. Frontiers in Immunology, 2019, 10, 1604.	2.2	16
26	Biomimetic Nanopillar-Based Biosensor for Label-Free Detection of Influenza A Virus. Biochip Journal, 2021, 15, 260-267.	2.5	15
27	Fluorescent fullerene nanoparticle-based lateral flow immunochromatographic assay for rapid quantitative detection of C-reactive protein. Nano Convergence, 2019, 6, 35.	6.3	15
28	Metalâ€“Organic Framework Coating for the Preservation of Silver Nanowire Surfaceâ€Enhanced Raman Scattering Platform. Advanced Materials Interfaces, 2019, 6, 1900427.	1.9	14
29	Simple, rapid, and accurate malaria diagnostic platform using microfluidic-based immunoassay of Plasmodium falciparum lactate dehydrogenase. Nano Convergence, 2020, 7, 13.	6.3	14
30	FRET probe-based antibacterial susceptibility testing (F-AST) by detection of bacterial nucleases released by antibiotic-induced lysis. Biosensors and Bioelectronics, 2019, 130, 225-229.	5.3	13
31	Staphylococcus aureusSpecific FRET Probe-Based Antibacterial Susceptibility Testing (SF-AST) by Detection of Micrococcal Nuclease Activity. ACS Infectious Diseases, 2020, 6, 215-223.	1.8	11
32	Detection of Ampicillin-Resistant E. coli Using Novel Nanoprobe-Combined Fluorescence In Situ Hybridization. Nanomaterials, 2019, 9, 750.	1.9	8
33	Effect of elastinâ€like polypeptide incorporation on the adhesion maturation of mineral trioxide aggregates. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2847-2856.	1.6	6
34	Zwitterionic Polydopamine/Protein G Coating for Antibody Immobilization: Toward Suppression of Nonspecific Binding in Immunoassays. ACS Applied Bio Materials, 2020, 3, 3631-3639.	2.3	6
35	Enhanced immobilization of hexa-arginine-tagged esterase on gold nanoparticles using mixed self-assembled monolayers. Bioprocess and Biosystems Engineering, 2010, 33, 165-169.	1.7	4
36	Differential Clearance of AÎ² Species from the Brain by Brain Lymphatic Endothelial Cells in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 11883.	1.8	4

#	Article	IF	Citations
37	Size-controllable C60 nano-islands prepared on silicon wafers via spin-coating and the effect of annealing. Carbon, 2015, 94, 120-123.	5.4	3
38	Intra-nanogap controllable Au plates as efficient, robust, and reproducible surface-enhanced Raman scattering-active platforms. RSC Advances, 2019, 9, 13007-13015.	1.7	3
39	Metalâ€“Organic Frameworks: Metalâ€“Organic Framework Coating for the Preservation of Silver Nanowire Surfaceâ€Enhanced Raman Scattering Platform (Adv. Mater. Interfaces 13/2019). Advanced Materials Interfaces, 2019, 6, 1970088.	1.9	2
40	Sensors: Nanogapâ€Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis (Adv. Funct. Mater. 37/2017). Advanced Functional Materials, 2017, 27, .	7.8	1