

Jong-min Park

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,292
citations

236925

25
h-index

223800

46
g-index

51
all docs

51
docs citations

51
times ranked

4122
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Magneto-Electrochemical Sensor for Exosome Analysis. ACS Nano, 2016, 10, 1802-1809.	14.6	372
2	Fluorescent probe for detection of fluoride in water and bioimaging in A549 human lung carcinoma cells. Chemical Communications, 2009, , 4735.	4.1	195
3	Intra-Cardiac Release of Extracellular Vesicles Shapes Inflammation Following Myocardial Infarction. Circulation Research, 2018, 123, 100-106.	4.5	181
4	Integrated Biosensor for Rapid and Point-of-Care Sepsis Diagnosis. ACS Nano, 2018, 12, 3378-3384.	14.6	122
5	Integrated Kidney Exosome Analysis for the Detection of Kidney Transplant Rejection. ACS Nano, 2017, 11, 11041-11046.	14.6	106
6	A small molecule binding HMGB1 and HMGB2 inhibits microglia-mediated neuroinflammation. Nature Chemical Biology, 2014, 10, 1055-1060.	8.0	99
7	An integrated magneto-electrochemical device for the rapid profiling of tumour extracellular vesicles from blood plasma. Nature Biomedical Engineering, 2021, 5, 678-689.	22.5	90
8	Integrated Magneto-Chemical Sensor For On-Site Food Allergen Detection. ACS Nano, 2017, 11, 10062-10069.	14.6	75
9	Development of a Cy3-Labeled Glucose Bioprobe and Its Application in Bioimaging and Screening for Anticancer Agents. Angewandte Chemie - International Edition, 2007, 46, 2018-2022.	13.8	72
10	Recent advances in identifying protein targets in drug discovery. Cell Chemical Biology, 2021, 28, 394-423.	5.2	69
11	Antitumor activity of HM78136B, a highly effective pan-HER inhibitor in erlotinib-resistant NSCLC and other EGFR-dependent cancer models. International Journal of Cancer, 2012, 130, 2445-2454.	5.1	67
12	Discovery and Target Identification of an Antiproliferative Agent in Live Cells Using Fluorescence Difference in Two-Dimensional Gel Electrophoresis. Angewandte Chemie - International Edition, 2012, 51, 5447-5451.	13.8	62
13	Investigation of Specific Binding Proteins to Photoaffinity Linkers for Efficient Deconvolution of Target Protein. ACS Chemical Biology, 2016, 11, 44-52.	3.4	59
14	A Two-Photon Tracer for Glucose Uptake. Angewandte Chemie - International Edition, 2009, 48, 8027-8031.	13.8	55
15	Analyses of Intravesicular Exosomal Proteins Using a Nano-Plasmonic System. ACS Photonics, 2018, 5, 487-494.	6.6	55
16	Synthesis and in vitro photodynamic activities of water-soluble fluorinated tetrapyrrolylporphyrins as tumor photosensitizers. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2789-2794.	2.2	47
17	Development of Fluorescent Glucose Bioprobes and Their Application on Real-Time and Quantitative Monitoring of Glucose Uptake in Living Cells. Chemistry - A European Journal, 2011, 17, 143-150.	3.3	44
18	Natural polyphenols antagonize the antimyeloma activity of proteasome inhibitor bortezomib by direct chemical interaction. British Journal of Haematology, 2009, 146, 270-281.	2.5	36

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19	Diastereoselective Synthesis of Polycyclic Acetal-Fused Pyrano[3,2- <i>c</i>]pyran-5(2 <i>H</i>)-one Derivatives. <i>Journal of Organic Chemistry</i> , 2009, 74, 2171-2174.	3.2	36
20	Antidiabetic and Antiobesity Effects of Amphinone (6f), a Novel Small Molecule Activator of AMP-Activated Protein Kinase. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7405-7413.	6.4	35
21	Tetrazine ligation for chemical proteomics. <i>Proteome Science</i> , 2016, 15, 15.	1.7	33
22	Label-free target identification using in-gel fluorescence difference <i>via</i> thermal stability shift. <i>Chemical Science</i> , 2017, 8, 1127-1133.	7.4	32
23	Impact of molecular charge on GLUT-specific cellular uptake of glucose bioprobes and in vivo application of the glucose bioprobe, GB2-Cy3. <i>Chemical Communications</i> , 2014, 50, 9251-9254.	4.1	30
24	Strategies to Enhance Extracellular Vesicle Production. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 513-524.	3.7	30
25	Nonspecific protein labeling of photoaffinity linkers correlates with their molecular shapes in living cells. <i>Chemical Communications</i> , 2016, 52, 5828-5831.	4.1	29
26	From noncovalent to covalent bonds: a paradigm shift in target protein identification. <i>Molecular BioSystems</i> , 2013, 9, 544.	2.9	28
27	Modulating Mechanism of the LSPR and SERS in Ag/ITO Film: Carrier Density Effect. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7612-7618.	4.6	24
28	Near-IR Fluorescent Tracer for Glucose-Uptake Monitoring in Live Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 3394-3401.	3.6	22
29	Development of a Benzopyran-Containing Androgen Receptor Antagonist to Treat Antiandrogen-Resistant Prostate Cancer. <i>ChemMedChem</i> , 2010, 5, 529-533.	3.2	20
30	Regenerative fluorescence <i>turn-on</i> probe for biothiols through Cu(II)/Cu(I) redox conversion. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 256-261.	7.8	19
31	Phenotypic Screening to Identify Small-Molecule Enhancers for Glucose Uptake: Target Identification and Rational Optimization of Their Efficacy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5102-5106.	13.8	18
32	Exploiting the mechanism of cellular glucose uptake to develop an image-based high-throughput screening system in living cells. <i>Chemical Communications</i> , 2013, 49, 5138.	4.1	15
33	Repeated Aerosol Delivery of Carboxyl-terminal Modulator Protein Suppresses Tumor in the Lungs of K-ras ^{LA1} Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1131-1140.	5.6	14
34	Integrated microHall magnetometer to measure the magnetic properties of nanoparticles. <i>Lab on A Chip</i> , 2017, 17, 4000-4007.	6.0	13
35	Ratiometric analysis of zidovudine (ZDV) incorporation by reverse transcriptases or polymerases via bio-orthogonal click chemistry. <i>Chemical Communications</i> , 2011, 47, 7614.	4.1	8
36	Development of Theragnostic Tool Using NIR Fluorescence Probe Targeting Mitochondria in Glioma Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 1642-1648.	3.6	8

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37	Phenotypic Discovery of an Antivirulence Agent against <i>Vibrio vulnificus</i> via Modulation of Quorum-Sensing Regulator SmcR. <i>ACS Infectious Diseases</i> , 2020, 6, 3076-3082.	3.8	7
38	Comparison Study of the Effects of Cationic Liposomes on Delivery across 3D Skin Tissue and Whitening Effects in Pigmented 3D Skin. <i>Macromolecular Bioscience</i> , 2021, 21, e2000413.	4.1	7
39	Process monitoring of photocatalytic degradation of 2,4-dinitrotoluene by Au-decorated Fe ₃ O ₄ @TiO ₂ nanoparticles: surface-enhanced Raman scattering method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 275, 121155.	3.9	5
40	(âˆ—)-Epigallocatechin-3-Gallate (EGCG), Green Tea Component, Antagonize the Anti-Myeloma Activity of Proteasome Inhibitor PS-341 by Direct Chemical Interaction.. <i>Blood</i> , 2007, 110, 4850-4850.	1.4	2
41	Lightâ€Triggered Structural Modulation of Nanofibrous Meshes to Promote Deep Penetration of Cultured Cells. <i>Macromolecular Bioscience</i> , 2022, 22, e2100530.	4.1	2
42	Inside Cover: Development of Fluorescent Glucose Bioprobes and Their Application on Real-Time and Quantitative Monitoring of Glucose Uptake in Living Cells (<i>Chem. Eur. J.</i> 1/2011). <i>Chemistry - A European Journal</i> , 2011, 17, 2-2.	3.3	0
43	RÃ¼cktitelbild: Phenotypic Screening to Identify Small-Molecule Enhancers for Glucose Uptake: Target Identification and Rational Optimization of Their Efficacy (<i>Angew. Chem.</i> 20/2014). <i>Angewandte Chemie</i> , 2014, 126, 5316-5316.	2.0	0