

Se Won Bae

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

611
citations

758635

12
h-index

610482

24
g-index

31
all docs

31
docs citations

31
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent dye-doped silica nanoparticles: new tools for bioapplications. <i>Chemical Communications</i> , 2012, 48, 2270.	2.2	212
2	Electrogenerated Chemiluminescent Anion Sensing: Selective Recognition and Sensing of Pyrophosphate. <i>Analytical Chemistry</i> , 2010, 82, 8259-8265.	3.2	75
3	A selective fluorescent sensor for Pb(II) in water. <i>Tetrahedron Letters</i> , 2006, 47, 8851-8854.	0.7	49
4	Potential Antitumor Effects of 6-Gingerol in p53-Dependent Mitochondrial Apoptosis and Inhibition of Tumor Sphere Formation in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4660.	1.8	37
5	Silibinin Regulates Tumor Progression and Tumorsphere Formation by Suppressing PD-L1 Expression in Non-Small Cell Lung Cancer (NSCLC) Cells. <i>Cells</i> , 2021, 10, 1632.	1.8	29
6	Highly sensitive detection of DNA by electrogenerated chemiluminescence amplification using dendritic Ru(bpy) ₃ ²⁺ -doped silica nanoparticles. <i>Analyst</i> , The, 2010, 135, 603.	1.7	25
7	Biophysical and chemical handles to control the size of DNA nanoparticles produced by rolling circle amplification. <i>Biomaterials Science</i> , 2016, 4, 1314-1317.	2.6	23
8	Microfluidic Detection of Multiple Heavy Metal Ions Using Fluorescent Chemosensors. <i>Bulletin of the Korean Chemical Society</i> , 2009, 30, 1173-1176.	1.0	23
9	A Doubly Signal-Amplified DNA Detection Method Based on Pre-Complexed [Ru(bpy) ₃] ²⁺ -Doped Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2010, 16, 11572-11575.	1.7	18
10	cAMP Biosensors Based on Genetically Encoded Fluorescent/Luminescent Proteins. <i>Biosensors</i> , 2021, 11, 39.	2.3	16
11	Apoptotic Cell Imaging Using Phosphatidylserine-Specific Receptor-Conjugated Ru(bpy) ₃ ²⁺ -Doped Silica Nanoparticles. <i>Small</i> , 2010, 6, 1499-1503.	5.2	14
12	The effects of flow type on aptamer capture in differential mobility cytometry cell separations. <i>Analytica Chimica Acta</i> , 2010, 673, 95-100.	2.6	13
13	Sulfur Compounds Inhibit High Glucose-Induced Inflammation by Regulating NF- κ B Signaling in Human Monocytes. <i>Molecules</i> , 2020, 25, 2342.	1.7	13
14	Non-toxic sulfur inhibits LPS-induced inflammation by regulating TLR-4 and JAK2/STAT3 through IL-6 signaling. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	13
15	Fluorescent chemosensor for biological zinc ions. <i>Supramolecular Chemistry</i> , 2013, 25, 2-6.	1.5	9
16	On-Demand Modulation of Bacterial Cell Fates on Multifunctional Dynamic Substrates. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4324-4332.	4.0	7
17	Conversion of D-fructose to 5-acetoxymethyl-2-furfural Using Immobilized Lipase and Cation Exchange Resin. <i>Molecules</i> , 2019, 24, 4623.	1.7	7
18	Natural Sulfurs Inhibit LPS-Induced Inflammatory Responses through NF- κ B Signaling in CCD-986Sk Skin Fibroblasts. <i>Life</i> , 2021, 11, 427.	1.1	7

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19	Pivotal Role of Iron Homeostasis in the Induction of Mitochondrial Apoptosis by 6-Gingerol Through PTEN Regulated PD-L1 Expression in Embryonic Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 781720.	1.3	6
20	Non-toxic sulfur enhances growth hormone signaling through the JAK2/STAT5b/IGF-1 pathway in C2C12 cells. <i>International Journal of Molecular Medicine</i> , 2020, 45, 931-938.	1.8	5
21	Molecular dynamics study of the behavior of nitromethanes enclosed inside carbon nanotube containers. <i>Journal of Molecular Modeling</i> , 2016, 22, 147.	0.8	4
22	Antitumor Effects of Natural Bioactive Ursolic Acid in Embryonic Cancer Stem Cells. <i>Journal of Oncology</i> , 2022, 2022, 1-10.	0.6	3
23	Recyclable Surfaces for Amine Conjugation Chemistry via Redox Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 296-299.	1.0	1
24	The Exogenous Application of Non-Toxic Sulfur Contributes to the Growth-Promoting Effects of Leaf Lettuce (<i>Lactuca sativa</i> L. var. <i>crispa</i>). <i>Agriculture (Switzerland)</i> , 2021, 11, 769.	1.4	1
25	Naked-Eye Detection of Fluoride Ions Using a Reaction-based Colorimetric Probe. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 176-179.	1.0	1
26	Utilization of a pH-Responsive DNA Motif for Lactamase Assays. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 584-587.	1.0	0
27	Low Mass Ions in Laser Desorption/Ionization Mass Spectrometry of 1-Methoxy-5-aminotetrazole. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 99-102.	1.0	0
28	A Quencher-Fluorophore-Type Probe for Detection and Imaging of NADPH in Human Breast Cancer Cells. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 807-811.	1.0	0
29	Tetrahydrofuran Highly Enhances SAMDI Efficiency. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 369-371.	1.0	0
30	Methylsulfonylmethane relieves cobalt chloride-induced hypoxic toxicity in C2C12 myoblasts. <i>Life Sciences</i> , 2022, 301, 120619.	2.0	0