

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
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31
all docs

31
docs citations

31
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor Effects of Natural Bioactive Ursolic Acid in Embryonic Cancer Stem Cells. <i>Journal of Oncology</i> , 2022, 2022, 1-10.	0.6	3
2	Methylsulfonylmethane relieves cobalt chloride-induced hypoxic toxicity in C2C12 myoblasts. <i>Life Sciences</i> , 2022, 301, 120619.	2.0	0
3	cAMP Biosensors Based on Genetically Encoded Fluorescent/Luminescent Proteins. <i>Biosensors</i> , 2021, 11, 39.	2.3	16
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	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
6	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
7	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
8	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
9	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
10	Tetrahydrofuran Highly Enhances SAMDI Efficiency. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 369-371.	1.0	0
11	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
12	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
13	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
14	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
15	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
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	Recyclable Surfaces for Amine Conjugation Chemistry via Redox Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 296-299.	1.0	1
18	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

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19	Low Mass Ions in Laser Desorption/Ionization Mass Spectrometry of 1-Methoxy-5-aminotetrazole. Bulletin of the Korean Chemical Society, 2016, 37, 99-102.	1.0	0
20	Biophysical and chemical handles to control the size of DNA nanoparticles produced by rolling circle amplification. Biomaterials Science, 2016, 4, 1314-1317.	2.6	23
21	Molecular dynamics study of the behavior of nitromethanes enclosed inside carbon nanotube containers. Journal of Molecular Modeling, 2016, 22, 147.	0.8	4
22	Fluorescent chemosensor for biological zinc ions. Supramolecular Chemistry, 2013, 25, 2-6.	1.5	9
23	Fluorescent dye-doped silica nanoparticles: new tools for bioapplications. Chemical Communications, 2012, 48, 2270.	2.2	212
24	A Doubly Signal-Amplified DNA Detection Method Based on Pre-Complexed [Ru(bpy) ₃] ²⁺ -Doped Silica Nanoparticles. Chemistry - A European Journal, 2010, 16, 11572-11575.	1.7	18
25	The effects of flow type on aptamer capture in differential mobility cytometry cell separations. Analytica Chimica Acta, 2010, 673, 95-100.	2.6	13
26	Apoptotic Cell Imaging Using Phosphatidylserine-Specific Receptor-Conjugated Ru(bpy) ₃ ²⁺ -Doped Silica Nanoparticles. Small, 2010, 6, 1499-1503.	5.2	14
27	Electrogenerated Chemiluminescent Anion Sensing: Selective Recognition and Sensing of Pyrophosphate. Analytical Chemistry, 2010, 82, 8259-8265.	3.2	75
28	Highly sensitive detection of DNA by electrogenerated chemiluminescence amplification using dendritic Ru(bpy) ₃ ²⁺ -doped silica nanoparticles. Analyst, The, 2010, 135, 603.	1.7	25
29	Microfluidic Detection of Multiple Heavy Metal Ions Using Fluorescent Chemosensors. Bulletin of the Korean Chemical Society, 2009, 30, 1173-1176.	1.0	23
30	A selective fluorescent sensor for Pb(II) in water. Tetrahedron Letters, 2006, 47, 8851-8854.	0.7	49