

Youngjin Lee

List of Publications by Year in descending order

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19
papers

2,631
citations

471509

17
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

4320
citing authors

#	ARTICLE	IF	CITATIONS
1	Site specific biotinylated antibody functionalized Ag@AuNIs LSPR biosensor for the ultrasensitive detection of exosomal MCT4, a glioblastoma progression biomarker. <i>Chemical Engineering Journal</i> , 2022, 446, 137383.	12.7	20
2	Mechano-Induced Assembly of a Nanocomposite for "Press-N-Go" Coatings with Highly Efficient Surface Disinfection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19332-19341.	8.0	6
3	Determination of glioma cells' malignancy and their response to TMZ via detecting exosomal BIGH3 by a TiO ₂ -CTFE-AuNIs plasmonic biosensor. <i>Chemical Engineering Journal</i> , 2021, 415, 128948.	12.7	22
4	Proteomic Analysis of Circulating Extracellular Vesicles Identifies Potential Biomarkers for Lymph Node Metastasis in Oral Tongue Squamous Cell Carcinoma. <i>Cells</i> , 2021, 10, 2179.	4.1	10
5	In vivo liquid biopsy for glioblastoma malignancy by the AFM and LSPR based sensing of exosomal CD44 and CD133 in a mouse model. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113476.	10.1	42
6	A wood-templated unidirectional piezoceramic composite for transmuscular ultrasonic wireless power transfer. <i>Energy and Environmental Science</i> , 2021, 14, 6574-6585.	30.8	30
7	Monocarboxylate transporter 1 in Schwann cells contributes to maintenance of sensory nerve myelination during aging. <i>Glia</i> , 2020, 68, 161-177.	4.9	46
8	Inhibition of Glioma Cells' Proliferation by Doxorubicin-Loaded Exosomes via Microfluidics. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8331-8343.	6.7	87
9	Label-free sensing of exosomal MCT1 and CD147 for tracking metabolic reprogramming and malignant progression in glioma. <i>Science Advances</i> , 2020, 6, eaaz6119.	10.3	82
10	Schema-like learning and memory consolidation acting through myelination. <i>FASEB Journal</i> , 2019, 33, 11758-11775.	0.5	27
11	Detection of Glioma-Derived Exosomes with the Biotinylated Antibody-Functionalized Titanium Nitride Plasmonic Biosensor. <i>Advanced Functional Materials</i> , 2019, 29, 1806761.	14.9	79
12	Direct detection of two different tumor-derived extracellular vesicles by SAM-AuNIs LSPR biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 94, 400-407.	10.1	139
13	Generation of GFAP::GFP astrocyte reporter lines from human adult fibroblast-derived iPS cells using zinc-finger nuclease technology. <i>Glia</i> , 2016, 64, 63-75.	4.9	26
14	Deficiency in monocarboxylate transporter 1 (MCT1) in mice delays regeneration of peripheral nerves following sciatic nerve crush. <i>Experimental Neurology</i> , 2015, 263, 325-338.	4.1	71
15	Oligodendroglia: metabolic supporters of axons. <i>Trends in Cell Biology</i> , 2013, 23, 644-651.	7.9	196
16	Oligodendroglia metabolically support axons and contribute to neurodegeneration. <i>Nature</i> , 2012, 487, 443-448.	27.8	1,287
17	GFAP promoter elements required for region-specific and astrocyte-specific expression. <i>Glia</i> , 2008, 56, 481-493.	4.9	295
18	Astrocyte heterogeneity revealed by expression of a GFAP-LacZ transgene. <i>Glia</i> , 2006, 53, 677-687.	4.9	61

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19	Expression Specificity of GFAP Transgenes. <i>Neurochemical Research</i> , 2004, 29, 2075-2093.	3.3	105