

You Jung Kang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

828
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene expression and functional deficits underlie TREM2-knockout microglia responses in human models of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 5370.	12.8	160
2	Severe reactive astrocytes precipitate pathological hallmarks of Alzheimer's disease via H ₂ O ₂ production. <i>Nature Neuroscience</i> , 2020, 23, 1555-1566.	14.8	154
3	Highly permeable artificial water channels that can self-assemble into two-dimensional arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9810-9815.	7.1	152
4	A Review of Patterned Organic Bioelectronic Materials and their Biomedical Applications. <i>Advanced Materials</i> , 2015, 27, 7583-7619.	21.0	67
5	Therapeutic nanoplatfoms and delivery strategies for neurological disorders. <i>Nano Convergence</i> , 2018, 5, 35.	12.1	65
6	Preparation and characterization of size-controlled glioma spheroids using agarose hydrogel microwells. <i>PLoS ONE</i> , 2019, 14, e0211078.	2.5	60
7	An Air Particulate Pollutant Induces Neuroinflammation and Neurodegeneration in Human Brain Models. <i>Advanced Science</i> , 2021, 8, e2101251.	11.2	55
8	TREM2 regulates purinergic receptor-mediated calcium signaling and motility in human iPSC-derived microglia. <i>ELife</i> , 2022, 11, .	6.0	31
9	Eg5 Inhibitors Have Contrasting Effects on Microtubule Stability and Metaphase Spindle Integrity. <i>ACS Chemical Biology</i> , 2017, 12, 1038-1046.	3.4	27
10	Therapeutic Targeting Strategies for Early- to Late-Staged Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9591.	4.1	24
11	Oral Pathogenic Bacteria-Inducing Neurodegenerative Microgliosis in Human Neural Cell Platform. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6925.	4.1	12
12	Tumor Targeted Delivery of an Anti-Cancer Therapeutic: An In Vitro and In Vivo Evaluation. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001261.	7.6	8
13	Human brain organoids in Alzheimer's disease. <i>Organoid</i> , 0, 1, e5.	0.0	7
14	Development and in vitro assessment of an anti-tumor nano-formulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110481.	5.0	6
15	Patterned Materials: A Review of Patterned Organic Bioelectronic Materials and their Biomedical Applications (<i>Adv. Mater.</i> 46/2015). <i>Advanced Materials</i> , 2015, 27, 7486-7486.	21.0	0