Hong-gi Kim

List of Publications by Year in descending order

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HONG-CI KIM

#	Article	IF	CITATIONS
1	Rapid Biosensor of SARS-CoV-2 Using Specific Monoclonal Antibodies Recognizing Conserved Nucleocapsid Protein Epitopes. Viruses, 2022, 14, 255.	3.3	8
2	Versatile role of ACE2-based biosensors for detection of SARS-CoV-2 variants and neutralizing antibodies. Biosensors and Bioelectronics, 2022, 203, 114034.	10.1	30
3	ZnO Nanowireâ€Based Early Detection of SARSâ€CoVâ€2 Antibody Responses in Asymptomatic Patients with COVIDâ€19. Advanced Materials Interfaces, 2022, , 2102046.	3.7	7
4	ldentification of Aristolactam Derivatives That Act as Inhibitors of Human Immunodeficiency Virus Type 1 Infection and Replication by Targeting Tat-Mediated Viral Transcription. Virologica Sinica, 2021, 36, 254-263.	3.0	7
5	A novel rapid detection for SARS-CoV-2 spike 1 antigens using human angiotensin converting enzyme 2 (ACE2). Biosensors and Bioelectronics, 2021, 171, 112715.	10.1	150
6	Development of a SARS-CoV-2-specific biosensor for antigen detection using scFv-Fc fusion proteins. Biosensors and Bioelectronics, 2021, 175, 112868.	10.1	98
7	Comparison of Digital PCR and Quantitative PCR with Various SARS-CoV-2 Primer-Probe Sets. Journal of Microbiology and Biotechnology, 2021, 31, 358-367.	2.1	41
8	ldentification of novel compounds against Tat-mediated human immunodeficiency virus-1 transcription by high-throughput functional screening assay. Biochemical and Biophysical Research Communications, 2020, 523, 368-374.	2.1	7
9	Comparative Analysis of Primer–Probe Sets for RT-qPCR of COVID-19 Causative Virus (SARS-CoV-2). ACS Infectious Diseases, 2020, 6, 2513-2523.	3.8	111
10	Rapid Detection of COVID-19 Causative Virus (SARS-CoV-2) in Human Nasopharyngeal Swab Specimens Using Field-Effect Transistor-Based Biosensor. ACS Nano, 2020, 14, 5135-5142.	14.6	1,394
11	Ganglioside GQ1b ameliorates cognitive impairments in an Alzheimer's disease mouse model, and causes reduction of amyloid precursor protein. Scientific Reports, 2019, 9, 8512.	3.3	17
12	Differences in the molecular signatures of mucosal-associated invariant T cells and conventional T cells. Scientific Reports, 2019, 9, 7094.	3.3	30
13	A novel brain-derived neurotrophic factor-modulating peptide attenuates Aβ1-42-induced neurotoxicity in vitro. Neuroscience Letters, 2015, 595, 63-68.	2.1	8
14	Neuropep-1 ameliorates learning and memory deficits in an Alzheimer's disease mouse model, increases brain-derived neurotrophic factor expression in the brain, and causes reduction of amyloid beta plaques. Neurobiology of Aging, 2014, 35, 990-1001.	3.1	39
15	The ganglioside GQ1b regulates BDNF expression via the NMDA receptor signaling pathway. Neuropharmacology, 2014, 77, 414-421.	4.1	19
16	Mecamylamine attenuates dexamethasone-induced anxiety-like behavior in association with brain derived neurotrophic factor upregulation in rat brains. Neuropharmacology, 2011, 61, 276-282.	4.1	22
17	A novel trimeric peptide, Neuropep-1-stimulating brain-derived neurotrophic factor expression in rat brain improves spatial learning and memory as measured by the Y-maze and Morris water maze. Journal of Neurochemistry, 2011, 116, 205-216.	3.9	19
18	Effects of treadmill exercise on hypoactivity of the hypothalamo-pituitary-adrenal axis induced by chronic administration of corticosterone in rats. Neuroscience Letters, 2008, 434, 46-49.	2.1	18

#	Article	IF	CITATIONS
19	Ganglioside GQ1b improves spatial learning and memory of rats as measured by the Y-maze and the Morris water maze tests. Neuroscience Letters, 2008, 439, 220-225.	2.1	48
20	Decreased hippocampal cholinergic neurostimulating peptide precursor protein associated with stress exposure in rat brain by proteomic analysis. Journal of Neuroscience Research, 2007, 85, 2898-2908.	2.9	32