Hong-gi Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9278884/publications.pdf

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20	2,237	586496	799663
papers	citations	16 h-index	21 g-index

24	24	24	4507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid Biosensor of SARS-CoV-2 Using Specific Monoclonal Antibodies Recognizing Conserved Nucleocapsid Protein Epitopes. Viruses, 2022, 14, 255.	1.5	8
2	Versatile role of ACE2-based biosensors for detection of SARS-CoV-2 variants and neutralizing antibodies. Biosensors and Bioelectronics, 2022, 203, 114034.	5.3	30
3	ZnO Nanowireâ€Based Early Detection of SARSâ€CoVâ€2 Antibody Responses in Asymptomatic Patients with COVIDâ€19. Advanced Materials Interfaces, 2022, , 2102046.	1.9	7
4	Identification 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.	1.2	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.	5.3	150
6	Development of a SARS-CoV-2-specific biosensor for antigen detection using scFv-Fc fusion proteins. Biosensors and Bioelectronics, 2021, 175, 112868.	5.3	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.	0.9	41
8	Identification 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.	1.0	7
9	Comparative Analysis of Primerâ€“Probe Sets for RT-qPCR of COVID-19 Causative Virus (SARS-CoV-2). ACS Infectious Diseases, 2020, 6, 2513-2523.	1.8	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.	7.3	1,394
11	Ganglioside GQ1b ameliorates cognitive impairments in an Alzheimerâ€™s disease mouse model, and causes reduction of amyloid precursor protein. Scientific Reports, 2019, 9, 8512.	1.6	17
12	Differences in the molecular signatures of mucosal-associated invariant T cells and conventional T cells. Scientific Reports, 2019, 9, 7094.	1.6	30
13	A novel brain-derived neurotrophic factor-modulating peptide attenuates AÎ²1-42-induced neurotoxicity in vitro. Neuroscience Letters, 2015, 595, 63-68.	1.0	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.	1.5	39
15	The ganglioside GQ1b regulates BDNF expression via the NMDA receptor signaling pathway. Neuropharmacology, 2014, 77, 414-421.	2.0	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.	2.0	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.	2.1	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.	1.0	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.	1.0	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.	1.3	32