

Sang Hoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

256
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific detection of avian influenza H5N2 whole virus particles on lateral flow strips using a pair of sandwich-type aptamers. <i>Biosensors and Bioelectronics</i> , 2019, 134, 123-129.	10.1	73
2	The sensitive detection of ODAM by using sandwich-type biosensors with a cognate pair of aptamers for the early diagnosis of periodontal disease. <i>Biosensors and Bioelectronics</i> , 2019, 126, 122-128.	10.1	35
3	Catching COVID: Engineering Peptide-Modified Surface-Enhanced Raman Spectroscopy Sensors for SARS-CoV-2. <i>ACS Sensors</i> , 2021, 6, 3436-3444.	7.8	32
4	A new coccolith modified electrode-based biosensor using a cognate pair of aptamers with sandwich-type binding. <i>Biosensors and Bioelectronics</i> , 2019, 123, 160-166.	10.1	31
5	<i>GlycoGrip</i> : Cell Surface-Inspired Universal Sensor for Betacoronaviruses. <i>ACS Central Science</i> , 2022, 8, 22-42.	11.3	31
6	Aptamer duo-based portable electrochemical biosensors for early diagnosis of periodontal disease. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113884.	10.1	27
7	Aptasensors for environmental monitoring of contaminants in water and soil. <i>Current Opinion in Environmental Science and Health</i> , 2019, 10, 9-21.	4.1	14
8	Aptamer-aptamer linkage based aptasensor for highly enhanced detection of small molecules. <i>Biotechnology Journal</i> , 2016, 11, 843-849.	3.5	12
9	Bio-hybrid inorganic microparticles derived from CO ₂ for highly efficient and selective removal of antibiotics. <i>Journal of Biological Engineering</i> , 2018, 12, 16.	4.7	1