

Ken Asada

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

547
citations

13
h-index

23
g-index

34
ext. papers

771
ext. citations

7
avg. IF

3.8
L-index

#	Paper	IF	Citations
30	Progesterone regulates cardiac repolarization through a nongenomic pathway: an in vitro patch-clamp and computational modeling study. <i>Circulation</i> , 2007 , 116, 2913-22	16.7	139
29	Redox- and calmodulin-dependent S-nitrosylation of the KCNQ1 channel. <i>Journal of Biological Chemistry</i> , 2009 , 284, 6014-20	5.4	54
28	Application of Artificial Intelligence Technology in Oncology: Towards the Establishment of Precision Medicine. <i>Cancers</i> , 2020 , 12,	6.6	44
27	Epigenetics Analysis and Integrated Analysis of Multiomics Data, Including Epigenetic Data, Using Artificial Intelligence in the Era of Precision Medicine. <i>Biomolecules</i> , 2019 , 10,	5.9	34
26	Angubindin-1 opens the blood-brain barrier in vivo for delivery of antisense oligonucleotide to the central nervous system. <i>Journal of Controlled Release</i> , 2018 , 283, 126-134	11.7	34
25	Rescuing dicer defects via inhibition of an anti-dicing nuclease. <i>Cell Reports</i> , 2014 , 9, 1471-81	10.6	33
24	Enantioselective DNA alkylation by a pyrrole-imidazole S-CBI conjugate. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8948-55	16.4	30
23	Detection of Cardiac Structural Abnormalities in Fetal Ultrasound Videos Using Deep Learning. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 371	2.6	21
22	Image Segmentation of the Ventricular Septum in Fetal Cardiac Ultrasound Videos Based on Deep Learning Using Time-Series Information. <i>Biomolecules</i> , 2020 , 10,	5.9	20
21	Uncovering Prognosis-Related Genes and Pathways by Multi-Omics Analysis in Lung Cancer. <i>Biomolecules</i> , 2020 , 10,	5.9	16
20	Predicting Deep Learning Based Multi-Omics Parallel Integration Survival Subtypes in Lung Cancer Using Reverse Phase Protein Array Data. <i>Biomolecules</i> , 2020 , 10,	5.9	15
19	Model-Agnostic Method for Thoracic Wall Segmentation in Fetal Ultrasound Videos. <i>Biomolecules</i> , 2020 , 10,	5.9	13
18	Deregulation of the Histone Lysine-Specific Demethylase 1 Is Involved in Human Hepatocellular Carcinoma. <i>Biomolecules</i> , 2019 , 9,	5.9	13
17	Shadow Estimation for Ultrasound Images Using Auto-Encoding Structures and Synthetic Shadows. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1127	2.6	11
16	Towards Clinical Application of Artificial Intelligence in Ultrasound Imaging. <i>Biomedicines</i> , 2021 , 9,	4.8	10
15	Critical Roles of -Methyladenosine (m ^A) in Cancer and Virus Infection. <i>Biomolecules</i> , 2020 , 10,	5.9	9
14	Cytosolic Genomic DNA functions as a Natural Antisense. <i>Scientific Reports</i> , 2018 , 8, 8551	4.9	8

13	Integrated Analysis of Whole Genome and Epigenome Data Using Machine Learning Technology: Toward the Establishment of Precision Oncology. <i>Frontiers in Oncology</i> , 2021 , 11, 666937	5.3	8
12	Medical Professional Enhancement Using Explainable Artificial Intelligence in Fetal Cardiac Ultrasound Screening.. <i>Biomedicines</i> , 2022 , 10,	4.8	7
11	Application of Artificial Intelligence in COVID-19 Diagnosis and Therapeutics. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	6
10	A druggable target for rescuing microRNA defects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4942-4946	2.9	4
9	Separation-related rapid nuclear transport of DNA/RNA heteroduplex oligonucleotide: unveiling distinctive intracellular trafficking. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 23, 1360-1370	10.7	4
8	Epigenetic Mechanisms Underlying COVID-19 Pathogenesis. <i>Biomedicines</i> , 2021 , 9,	4.8	4
7	Single-Cell Analysis Using Machine Learning Techniques and Its Application to Medical Research. <i>Biomedicines</i> , 2021 , 9,	4.8	3
6	Two Secreted Proteoglycans, Activators of Urothelial Cell-Cell Adhesion, Negatively Contribute to Bladder Cancer Initiation and Progression. <i>Cancers</i> , 2020 , 12,	6.6	2
5	Short DNA/RNA heteroduplex oligonucleotide interacting proteins are key regulators of target gene silencing. <i>Nucleic Acids Research</i> , 2021 , 49, 4864-4876	20.1	1
4	Genome-Wide Chromatin Analysis of FFPE Tissues Using a Dual-Arm Robot with Clinical Potential. <i>Cancers</i> , 2021 , 13,	6.6	1
3	The metabolic stress-activated checkpoint LKB1-MARK3 axis acts as a tumor suppressor in high-grade serous ovarian carcinoma.. <i>Communications Biology</i> , 2022 , 5, 39	6.7	0
2	Automated Endocardial Border Detection and Left Ventricular Functional Assessment in Echocardiography Using Deep Learning. <i>Biomedicines</i> , 2022 , 10, 1082	4.8	0
1	Regulation of cardiac ion channels by sex hormones via the non-genomic pathway. <i>Japanese Journal of Electrocardiology</i> , 2008 , 28, 119-128	0	