Ken Asada

List of Publications by Year in Descending Order

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	The metabolic stress-activated checkpoint LKB1-MARK3 axis acts as a tumor suppressor in high-grade serous ovarian carcinoma.. *Communications Biology*, **2022**, 5, 39	6.7	0
29	Medical Professional Enhancement Using Explainable Artificial Intelligence in Fetal Cardiac Ultrasound Screening.. *Biomedicines*, **2022**, 10,	4.8	7
28	Automated Endocardial Border Detection and Left Ventricular Functional Assessment in Echocardiography Using Deep Learning. *Biomedicines*, **2022**, 10, 1082	4.8	0
27	Single-Cell Analysis Using Machine Learning Techniques and Its Application to Medical Research. *Biomedicines*, **2021**, 9,	4.8	3
26	Separation-related rapid nuclear transport of DNA/RNA heteroduplex oligonucleotide: unveiling distinctive intracellular trafficking. *Molecular Therapy - Nucleic Acids*, **2021**, 23, 1360-1370	10.7	4
25	Short DNA/RNA heteroduplex oligonucleotide interacting proteins are key regulators of target gene silencing. *Nucleic Acids Research*, **2021**, 49, 4864-4876	20.1	1
24	Genome-Wide Chromatin Analysis of FFPE Tissues Using a Dual-Arm Robot with Clinical Potential. *Cancers*, **2021**, 13,	6.6	1
23	Integrated Analysis of Whole Genome and Epigenome Data Using Machine Learning Technology: Toward the Establishment of Precision Oncology. *Frontiers in Oncology*, **2021**, 11, 666937	5.3	8
22	Towards Clinical Application of Artificial Intelligence in Ultrasound Imaging. *Biomedicines*, **2021**, 9,	4.8	10
21	Shadow Estimation for Ultrasound Images Using Auto-Encoding Structures and Synthetic Shadows. *Applied Sciences (Switzerland)*, **2021**, 11, 1127	2.6	11
20	Epigenetic Mechanisms Underlying COVID-19 Pathogenesis. *Biomedicines*, **2021**, 9,	4.8	4
19	Application of Artificial Intelligence in COVID-19 Diagnosis and Therapeutics. *Journal of Personalized Medicine*, **2021**, 11,	3.6	6
18	Detection of Cardiac Structural Abnormalities in Fetal Ultrasound Videos Using Deep Learning. *Applied Sciences (Switzerland)*, **2021**, 11, 371	2.6	21
17	Uncovering Prognosis-Related Genes and Pathways by Multi-Omics Analysis in Lung Cancer. *Biomolecules*, **2020**, 10,	5.9	16
16	Two Secreted Proteoglycans, Activators of Urothelial Cell-Cell Adhesion, Negatively Contribute to Bladder Cancer Initiation and Progression. *Cancers*, **2020**, 12,	6.6	2
15	Application of Artificial Intelligence Technology in Oncology: Towards the Establishment of Precision Medicine. *Cancers*, **2020**, 12,	6.6	44
14	Image Segmentation of the Ventricular Septum in Fetal Cardiac Ultrasound Videos Based on Deep Learning Using Time-Series Information. *Biomolecules*, **2020**, 10,	5.9	20

13	Critical Roles of -Methyladenosine (mA) in Cancer and Virus Infection. *Biomolecules*, **2020**, 10,	5.9	9
12	Predicting Deep Learning Based Multi-Omics Parallel Integration Survival Subtypes in Lung Cancer Using Reverse Phase Protein Array Data. *Biomolecules*, **2020**, 10,	5.9	15
11	Model-Agnostic Method for Thoracic Wall Segmentation in Fetal Ultrasound Videos. *Biomolecules*, **2020**, 10,	5.9	13
10	Epigenetics Analysis and Integrated Analysis of Multiomics Data, Including Epigenetic Data, Using Artificial Intelligence in the Era of Precision Medicine. *Biomolecules*, **2019**, 10,	5.9	34
9	Deregulation of the Histone Lysine-Specific Demethylase 1 Is Involved in Human Hepatocellular Carcinoma. *Biomolecules*, **2019**, 9,	5.9	13
8	Cytosolic Genomic DNA functions as a Natural Antisense. *Scientific Reports*, **2018**, 8, 8551	4.9	8
7	Angubindin-1 opens the blood-brain barrier in vivo for delivery of antisense oligonucleotide to the central nervous system. *Journal of Controlled Release*, **2018**, 283, 126-134	11.7	34
6	A druggable target for rescuing microRNA defects. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4942-4946	2.9	4
5	Rescuing dicer defects via inhibition of an anti-dicing nuclease. *Cell Reports*, **2014**, 9, 1471-81	10.6	33
4	Redox- and calmodulin-dependent S-nitrosylation of the KCNQ1 channel. *Journal of Biological Chemistry*, **2009**, 284, 6014-20	5.4	54
3	Regulation of cardiac ion channels by sex hormones via the non-genomic pathway. *Japanese Journal of Electrocardiology*, **2008**, 28, 119-128	0	
2	Progesterone regulates cardiac repolarization through a nongenomic pathway: an in vitro patch-clamp and computational modeling study. *Circulation*, **2007**, 116, 2913-22	16.7	139
1	Enantioselective DNA alkylation by a pyrrole-imidazole S-CBI conjugate. *Journal of the American Chemical Society*, **2004**, 126, 8948-55	16.4	30