

Yi Lin

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,196
citations

361413

20
h-index

434195

31
g-index

56
all docs

56
docs citations

56
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated traffic incident detection with a smaller dataset based on generative adversarial networks. <i>Accident Analysis and Prevention</i> , 2020, 144, 105628.	5.7	69
2	Deep learning based short-term air traffic flow prediction considering temporal–spatial correlation. <i>Aerospace Science and Technology</i> , 2019, 93, 105113.	4.8	58
3	Utilization of a pre-bent plate-positioning surgical guide system in precise mandibular reconstruction with a free fibula flap. <i>Oral Oncology</i> , 2017, 75, 133-139.	1.5	56
4	EIF5A1 promotes trophoblast migration and invasion via ARAF-mediated activation of the integrin/ERK signaling pathway. <i>Cell Death and Disease</i> , 2018, 9, 926.	6.3	55
5	Aboveground Tree Biomass Estimation of Sparse Subalpine Coniferous Forest with UAV Oblique Photography. <i>Remote Sensing</i> , 2018, 10, 1849.	4.0	52
6	The <sc>YY1</sc> / <sc>MMP2</sc> axis promotes trophoblast invasion at the maternal–fetal interface. <i>Journal of Pathology</i> , 2016, 239, 36-47.	4.5	49
7	A Real-Time ATC Safety Monitoring Framework Using a Deep Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 4572-4581.	8.0	38
8	Spoken Instruction Understanding in Air Traffic Control: Challenge, Technique, and Application. <i>Aerospace</i> , 2021, 8, 65.	2.2	36
9	Myeloid–derived suppressor cells depletion may cause pregnancy loss via upregulating the cytotoxicity of decidual natural killer cells. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13099.	1.2	35
10	Upregulation of PUM1 Expression in Preeclampsia Impairs Trophoblast Invasion by Negatively Regulating the Expression of the lncRNA HOTAIR. <i>Molecular Therapy</i> , 2020, 28, 631-641.	8.2	35
11	An algorithm for trajectory prediction of flight plan based on relative motion between positions. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2018, 19, 905-916.	2.6	33
12	Real-time traffic incident detection based on a hybrid deep learning model. <i>Transportmetrica A: Transport Science</i> , 2022, 18, 78-98.	2.0	32
13	A Unified Framework for Multilingual Speech Recognition in Air Traffic Control Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3608-3620.	11.3	30
14	Detecting multi-oriented text with corner-based region proposals. <i>Neurocomputing</i> , 2019, 334, 134-142.	5.9	29
15	Effect of TLR3 and TLR7 activation in uterine NK cells from non-obese diabetic (NOD) mice. <i>Journal of Reproductive Immunology</i> , 2009, 82, 12-23.	1.9	27
16	ADC at 3.0–T as a noninvasive biomarker for preoperative prediction of Ki67 expression in invasive ductal carcinoma of breast. <i>Clinical Imaging</i> , 2018, 52, 16-22.	1.5	27
17	Prevention of CpG-Induced Pregnancy Disruption by Adoptive Transfer of In Vitro-Induced Regulatory T Cells. <i>PLoS ONE</i> , 2014, 9, e94702.	2.5	26
18	Catalytic flexibility of rice glycosyltransferase OsUGT91C1 for the production of palatable steviol glycosides. <i>Nature Communications</i> , 2021, 12, 7030.	12.8	24

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19	The activation of microRNA-520hâ€‘associated TGF-Î²1/c-Myb/Smad7 axis promotes epithelial ovarian cancer progression. <i>Cell Death and Disease</i> , 2018, 9, 884.	6.3	22
20	Remote Sensing of Ecosystem Water Use Efficiency: A Review of Direct and Indirect Estimation Methods. <i>Remote Sensing</i> , 2021, 13, 2393.	4.0	21
21	Prevention of embryo loss in non-obese diabetic mice using adoptive ITGA2+ISG20+ natural killer-cell transfer. <i>Reproduction</i> , 2009, 137, 943-955.	2.6	20
22	Bisphenol A induced apoptosis and transcriptome differences of spermatogonial stem cells <it>in vitro</it>. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 780-791.	2.0	20
23	STELA: A Real-Time Scene Text Detector With Learned Anchor. <i>IEEE Access</i> , 2019, 7, 153400-153407.	4.2	20
24	Plasmacytoma variant translocation 1 (<i><sc>PVT</sc>1</i>) regulates trophoblast viability, proliferation, and migration and is downregulated in spontaneous abortion. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13048.	1.2	20
25	Insufficient peroxiredoxinâ€‘2 expression in uterine NK cells obtained from a murine model of abortion. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 773-781.	2.6	18
26	Automatic Recognition of Pole-Like Objects from Mobile Laser Scanning Point Clouds. <i>Remote Sensing</i> , 2018, 10, 1891.	4.0	18
27	Research on the Air Traffic Flow Prediction Using a Deep Learning Approach. <i>IEEE Access</i> , 2019, 7, 148019-148030.	4.2	17
28	Proteomic analysis of proteins differentially expressed in uterine lymphocytes obtained from wildâ€‘type and NOD mice. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 447-457.	2.6	16
29	Airborne LiDAR Point Cloud Filtering by a Multilevel Adaptive Filter Based on Morphological Reconstruction and Thin Plate Spline Interpolation. <i>Electronics (Switzerland)</i> , 2019, 8, 1153.	3.1	16
30	Toll-like receptor signaling in uterine natural killer cellsâ€‘role in embryonic loss. <i>Journal of Reproductive Immunology</i> , 2009, 83, 95-100.	1.9	15
31	Real-time Controlling Dynamics Sensing in Air Traffic System. <i>Sensors</i> , 2019, 19, 679.	3.8	15
32	A Deep Gaussian Process-Based Flight Trajectory Prediction Approach and Its Application on Conflict Detection. <i>Algorithms</i> , 2020, 13, 293.	2.1	15
33	EIF5A1 promotes epithelial ovarian cancer proliferation and progression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 168-175.	5.6	14
34	An optimal routing strategy for transport networks with minimal transmission cost and high network capacity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 521, 551-561.	2.6	13
35	A Deep Learning Approach for Short-Term Airport Traffic Flow Prediction. <i>Aerospace</i> , 2022, 9, 11.	2.2	13
36	Eukaryotic initiation factor 5A and Ca²⁺/calmodulinâ€‘dependent protein kinase 1D modulate trophoblast cell function. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12845.	1.2	10

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37	Poor sleep quality and its related risk factors among university students. <i>Annals of Palliative Medicine</i> , 2021, 10, 4479-4485.	1.2	10
38	MR diffusion kurtosis imaging for cancer diagnosis: A meta-analysis of the diagnostic accuracy of quantitative kurtosis value and diffusion coefficient. <i>Clinical Imaging</i> , 2018, 52, 44-56.	1.5	9
39	Discrepancies in the Simulated Global Terrestrial Latent Heat Flux from GLASS and MERRA-2 Surface Net Radiation Products. <i>Remote Sensing</i> , 2020, 12, 2763.	4.0	9
40	Knowledge, attitude, and practice of obesity among university students. <i>Annals of Palliative Medicine</i> , 2021, 10, 4539-4546.	1.2	9
41	Reduced Stathmin-1 Expression in Natural Killer Cells Associated with Spontaneous Abortion. <i>American Journal of Pathology</i> , 2011, 178, 506-514.	3.8	8
42	GPM-Based Multitemporal Weighted Precipitation Analysis Using GPMIMERGDF Product and ASTER DEM in EDBF Algorithm. <i>Remote Sensing</i> , 2020, 12, 3162.	4.0	8
43	Association between vaginal microbiota and risk of early pregnancy miscarriage. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 77, 101669.	1.6	8
44	ATCSpeech: A Multilingual Pilot-Controller Speech Corpus from Real Air Traffic Control Environment. , 0, , .		7
45	Identification of Inelastic Subway Trips Based on Weekly Station Sequence Data: An Example from the Beijing Subway. <i>Sustainability</i> , 2018, 10, 4725.	3.2	5
46	Differential gene expression profile in monocytic myeloid-derived suppressor cells at maternal-fetal interface in a mouse model of spontaneous abortion. <i>Journal of Cellular Physiology</i> , 2019, 234, 10789-10799.	4.1	5
47	The involvement of eukaryotic initiation factor 5A in trophoblast cell function. <i>Reproduction</i> , 2020, 159, 205-214.	2.6	5
48	Is acne in adolescence associated with prostate cancer risk? Evidence from a meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0206249.	2.5	4
49	Autophagic flux inhibition, apoptosis, and mitochondrial dysfunction in bile acids-induced impairment of human placental trophoblast. <i>Journal of Cellular Physiology</i> , 2022, 237, 3080-3094.	4.1	4
50	The construction and characterization of a novel adenovirus vector of artificial microRNA targeting EGFR. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 1968-1974.	0.5	3
51	Antitumor Efficacy of SLPI Promoter-Controlled Expression of Artificial microRNA Targeting EGFR in a Squamous Cell Carcinoma Cell Line. <i>Pathology and Oncology Research</i> , 2017, 23, 829-835.	1.9	2
52	A New Algorithm for MLS-Based DBH Mensuration and Its Preliminary Validation in an Urban Boreal Forest: Aiming at One Cornerstone of Allometry-Based Forest Biometrics. <i>Remote Sensing</i> , 2018, 10, 749.	4.0	2
53	Temporal and Spatial Characteristics of the Global Skylight Polarization Vector Field. <i>Remote Sensing</i> , 2022, 14, 2193.	4.0	2
54	Transcriptomic Insights into the Response of Placenta and Decidua Basalis to the CpG Oligodeoxynucleotide Stimulation in Non-Obese Diabetic Mice and Wild-Type Controls. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1281.	4.1	1

#	ARTICLE	IF	CITATIONS
55	Modeling Bidirectional Polarization Distribution Function of Land Surfaces Using Machine Learning Techniques. Remote Sensing, 2020, 12, 3891.	4.0	1