Yi Lin

List of Publications by Year
in descending order

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	Real-time traffic incident detection based on a hybrid deep learning model. Transportmetrica A: Transport Science, 2022, 18, 78-98.	2.0	32
2	A Deep Learning Approach for Short-Term Airport Traffic Flow Prediction. Aerospace, 2022, 9, 11.	2.2	13
3	Temporal and Spatial Characteristics of the Global Skylight Polarization Vector Field. Remote Sensing, 2022, 14, 2193.	4.0	2
4	Autophagic flux inhibition, apoptosis, and mitochondrial dysfunction in bile acids–induced impairment of human placental trophoblast. Journal of Cellular Physiology, 2022, 237, 3080-3094.	4.1	4
5	A Unified Framework for Multilingual Speech Recognition in Air Traffic Control Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3608-3620.	11.3	30
6	Spoken Instruction Understanding in Air Traffic Control: Challenge, Technique, and Application. Aerospace, 2021, 8, 65.	2.2	36
7	Poor sleep quality and its related risk factors among university students. Annals of Palliative Medicine, 2021, 10, 4479-4485.	1.2	10
8	Knowledge, attitude, and practice of obesity among university students. Annals of Palliative Medicine, 2021, 10, 4539-4546.	1.2	9
9	Remote Sensing of Ecosystem Water Use Efficiency: A Review of Direct and Indirect Estimation Methods. Remote Sensing, 2021, 13, 2393.	4.0	21
10	Association between vaginal microbiota and risk of early pregnancy miscarriage. Comparative Immunology, Microbiology and Infectious Diseases, 2021, 77, 101669.	1.6	8
11	Catalytic flexibility of rice glycosyltransferase OsUGT91C1 for the production of palatable steviol glycosides. Nature Communications, 2021, 12, 7030.	12.8	24
12	A Real-Time ATC Safety Monitoring Framework Using a Deep Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4572-4581.	8.0	38
13	Upregulation of PUM1 Expression in Preeclampsia Impairs Trophoblast Invasion by Negatively Regulating the Expression of the lncRNA HOTAIR. Molecular Therapy, 2020, 28, 631-641.	8.2	35
14	GPM-Based Multitemporal Weighted Precipitation Analysis Using GPM_IMERGDF Product and ASTER DEM in EDBF Algorithm. Remote Sensing, 2020, 12, 3162.	4.0	8
15	A Deep Gaussian Process-Based Flight Trajectory Prediction Approach and Its Application on Conflict Detection. Algorithms, 2020, 13, 293.	2.1	15
16	Discrepancies in the Simulated Global Terrestrial Latent Heat Flux from GLASS and MERRA-2 Surface Net Radiation Products. Remote Sensing, 2020, 12, 2763.	4.0	9
17	Modeling Bidirectional Polarization Distribution Function of Land Surfaces Using Machine Learning Techniques. Remote Sensing, 2020, 12, 3891.	4.0	1
18	Automated traffic incident detection with a smaller dataset based on generative adversarial networks. Accident Analysis and Prevention, 2020, 144, 105628.	5.7	69

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19	The involvement of eukaryotic initiation factor 5A in trophoblast cell function. Reproduction, 2020, 159, 205-214.	2.6	5
20	Research on the Air Traffic Flow Prediction Using a Deep Learning Approach. IEEE Access, 2019, 7, 148019-148030.	4.2	17
21	STELA: A Real-Time Scene Text Detector With Learned Anchor. IEEE Access, 2019, 7, 153400-153407.	4.2	20
22	Detecting multi-oriented text with corner-based region proposals. Neurocomputing, 2019, 334, 134-142.	5.9	29
23	An optimal routing strategy for transport networks with minimal transmission cost and high network capacity. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 551-561.	2.6	13
24	Deep learning based short-term air traffic flow prediction considering temporal–spatial correlation. Aerospace Science and Technology, 2019, 93, 105113.	4.8	58
25	Real-time Controlling Dynamics Sensing in Air Traffic System. Sensors, 2019, 19, 679.	3.8	15
26	Myeloid–derived suppressor cells depletion may cause pregnancy loss via upregulating the cytotoxicity of decidual natural killer cells. American Journal of Reproductive Immunology, 2019, 81, e13099.	1.2	35
27	Airborne LiDAR Point Cloud Filtering by a Multilevel Adaptive Filter Based on Morphological Reconstruction and Thin Plate Spline Interpolation. Electronics (Switzerland), 2019, 8, 1153.	3.1	16
28	Differential gene expression profile in monocytic myeloid–derived suppressor cells at maternal–fetal interface in a mouse model of spontaneous abortion. Journal of Cellular Physiology, 2019, 234, 10789-10799.	4.1	5
29	Plasmacytoma variant translocation 1 (*PVT*1) regulates trophoblast viability, proliferation, and migration and is downregulated in spontaneous abortion. American Journal of Reproductive Immunology, 2019, 81, e13048.	1.2	20
30	The construction and characterization of a novel adenovirus vector of artificial microRNA targeting EGFR. International Journal of Clinical and Experimental Pathology, 2019, 12, 1968-1974.	0.5	3
31	EIF5A1 promotes epithelial ovarian cancer proliferation and progression. Biomedicine and Pharmacotherapy, 2018, 100, 168-175.	5.6	14
32	ADC at 3.0–T as a noninvasive biomarker for preoperative prediction of Ki67 expression in invasive ductal carcinoma of breast. Clinical Imaging, 2018, 52, 16-22.	1.5	27
33	Eukaryotic initiation factor 5A and Ca^{2+}/calmodulin–dependent protein kinase 1D modulate trophoblast cell function. American Journal of Reproductive Immunology, 2018, 80, e12845.	1.2	10
34	Automatic Recognition of Pole-Like Objects from Mobile Laser Scanning Point Clouds. Remote Sensing, 2018, 10, 1891.	4.0	18
35	Identification of Inelastic Subway Trips Based on Weekly Station Sequence Data: An Example from the Beijing Subway. Sustainability, 2018, 10, 4725.	3.2	5
36	Is acne in adolescence associated with prostate cancer risk? Evidence from a meta-analysis. PLoS ONE, 2018, 13, e0206249.	2.5	4

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37	Aboveground Tree Biomass Estimation of Sparse Subalpine Coniferous Forest with UAV Oblique Photography. Remote Sensing, 2018, 10, 1849.	4.0	52
38	An algorithm for trajectory prediction of flight plan based on relative motion between positions. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 905-916.	2.6	33
39	EIF5A1 promotes trophoblast migration and invasion via ARAF-mediated activation of the integrin/ERK signaling pathway. Cell Death and Disease, 2018, 9, 926.	6.3	55
40	The activation of microRNA-520hâ€"associated TGF-Î²1/c-Myb/Smad7 axis promotes epithelial ovarian cancer progression. Cell Death and Disease, 2018, 9, 884.	6.3	22
41	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. Remote Sensing, 2018, 10, 749.	4.0	2
42	MR diffusion kurtosis imaging for cancer diagnosis: A meta-analysis of the diagnostic accuracy of quantitative kurtosis value and diffusion coefficient. Clinical Imaging, 2018, 52, 44-56.	1.5	9
43	Antitumor Efficacy of SLPI Promoter-Controlled Expression of Artificial microRNA Targeting EGFR in a Squamous Cell Carcinoma Cell Line. Pathology and Oncology Research, 2017, 23, 829-835.	1.9	2
44	Bisphenol A induced apoptosis and transcriptome differences of spermatogonial stem cells &lt;italic&gt;in vitro&lt;/italic&gt;. Acta Biochimica Et Biophysica Sinica, 2017, 49, 780-791.	2.0	20
45	Utilization of a pre-bent plate-positioning surgical guide system in precise mandibular reconstruction with a free fibula flap. Oral Oncology, 2017, 75, 133-139.	1.5	56
46	Transcriptomic Insights into the Response of Placenta and Decidua Basalis to the CpG Oligodeoxynucleotide Stimulation in Non-Obese Diabetic Mice and Wild-Type Controls. International Journal of Molecular Sciences, 2016, 17, 1281.	4.1	1
47	The <scp>YY1</scp> / <scp>MMP2</scp> axis promotes trophoblast invasion at the maternalâ€"fetal interface. Journal of Pathology, 2016, 239, 36-47.	4.5	49
48	Prevention of CpG-Induced Pregnancy Disruption by Adoptive Transfer of In Vitro-Induced Regulatory T Cells. PLoS ONE, 2014, 9, e94702.	2.5	26
49	Reduced Stathmin-1 Expression in Natural Killer Cells Associated with Spontaneous Abortion. American Journal of Pathology, 2011, 178, 506-514.	3.8	8
50	Insufficient peroxiredoxinâ€2 expression in uterine NK cells obtained from a murine model of abortion. Journal of Cellular Biochemistry, 2011, 112, 773-781.	2.6	18
51	Prevention of embryo loss in non-obese diabetic mice using adoptive ITGA2+ISG20+ natural killer-cell transfer. Reproduction, 2009, 137, 943-955.	2.6	20
52	Effect of TLR3 and TLR7 activation in uterine NK cells from non-obese diabetic (NOD) mice. Journal of Reproductive Immunology, 2009, 82, 12-23.	1.9	27
53	Toll-like receptor signaling in uterine natural killer cellsâ€"role in embryonic loss. Journal of Reproductive Immunology, 2009, 83, 95-100.	1.9	15
54	Proteomic analysis of proteins differentially expressed in uterine lymphocytes obtained from wildâ€type and NOD mice. Journal of Cellular Biochemistry, 2009, 108, 447-457.	2.6	16

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55	ATCSpeech: A Multilingual Pilot-Controller Speech Corpus from Real Air Traffic Control Environment. , 0, , .		7