Lei Shi

List of Publications by Year
in descending order

21 papers	260 citations	1040056 9 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	248 citing authors

#	Article	IF	Citations
1	AAPred-CNN: Accurate predictor based on deep convolution neural network for identification of anti-angiogenic peptides. Methods, 2022, 204, 442-448.	3.8	3
2	dPromoter-XGBoost: Detecting promoters and strength by combining multiple descriptors and feature selection using XGBoost. Methods, 2022, 204, 215-222.	3.8	13
3	ATGPred-FL: sequence-based prediction of autophagy proteins with feature representation learning. Amino Acids, 2022, 54, 799-809.	2.7	3
4	The Effect of the NFκB-USP9X-Cx43 Axis on the Dynamic Balance of Bone Formation/Degradation during Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	4.0	2
5	Identifying and Classifying Enhancers by Dinucleotide-Based Auto-Cross Covariance and Attention-Based Bi-LSTM. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-11.	1.3	2
6	METTL3 Regulates Ossification of the Posterior Longitudinal Ligament via the lncRNA XIST/miR-302a-3p/USP8 Axis. Frontiers in Cell and Developmental Biology, 2021, 9, 629895.	3.7	17
7	Human umbilical cord mesenchymal stem cells deliver exogenous miR-26a-5p via exosomes to inhibit nucleus pulposus cell pyroptosis through METTL14/NLRP3. Molecular Medicine, 2021, 27, 91.	4.4	44
8	Application of artificial intelligence and machine learning for COVID-19 drug discovery and vaccine design. Briefings in Bioinformatics, 2021, 22, .	6.5	53
9	iTTCA-RF: a random forest predictor for tumor T cell antigens. Journal of Translational Medicine, 2021, 19, 449.	4.4	28
10	Bioinformatics Research on Drug Sensitivity Prediction. Frontiers in Pharmacology, 2021, 12, 799712.	3.5	4
11	Application of Sparse Representation in Bioinformatics. Frontiers in Genetics, 2021, 12, 810875.	2.3	2
12	Bioinformatics Analysis of Long Non-coding RNA and Related Diseases: An Overview. Frontiers in Genetics, 2021, 12, 813873.	2.3	12
13	Prevalence of Ossification of Posterior Longitudinal Ligament in Patients With Degenerative Cervical Myelopathy. Spine, 2020, 45, 1320-1328.	2.0	8
14	Endoplasmic reticulum stress regulates mechanical stress-induced ossification of posterior longitudinal ligament. European Spine Journal, 2019, 28, 2249-2256.	2.2	7
15	Application of Piezosurgery in En Bloc Laminectomy for the Treatment of Multilevel Thoracic Ossification of Ligamentum Flavum. World Neurosurgery, 2019, 126, 541-546.	1.3	15
16	Clinical Features and Long-Term Surgical Outcomes of Patients with Cervical Spondylotic Amyotrophy. World Neurosurgery, 2019, 121, e172-e180.	1.3	5
17	One-Level or Multilevel Interbody Fusion for Multilevel Lumbar Degenerative Diseases: A Prospective Randomized Control Study with a 4-Year Follow-Up. World Neurosurgery, 2018, 110, e815-e822.	1.3	10
18	Reduction of Slippage Influences Surgical Outcomes of Grade II and III Lumbar Isthmic Spondylolisthesis. World Neurosurgery, 2018, 120, e1017-e1023.	1.3	8

#	Article	IF	Citations
19	Surgical Treatment for Odontoid Fractures in Patients with Long-Standing Ankylosing Spondylitis: A Report of 3 Cases and Review of the Literature. World Neurosurgery, 2018, 116, 88-93.	1.3	6
20	Drug–drug interactions between moxifloxacin and rifampicin based on pharmacokinetics *in vivo* in rats. Biomedical Chromatography, 2016, 30, 1591-1598.	1.7	7
21	Ossification of the posterior ligament is mediated by osterix via inhibition of the β-catenin signaling pathway. Experimental Cell Research, 2016, 349, 53-59.	2.6	11