

# Lei Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10076585/publications.pdf>

Version: 2024-02-01

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	Application of artificial intelligence and machine learning for COVID-19 drug discovery and vaccine design. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	53
2	Human umbilical cord mesenchymal stem cells deliver exogenous miR-26a-5p via exosomes to inhibit nucleus pulposus cell pyroptosis through METTL14/NLRP3. <i>Molecular Medicine</i> , 2021, 27, 91.	4.4	44
3	iTTCA-RF: a random forest predictor for tumor T cell antigens. <i>Journal of Translational Medicine</i> , 2021, 19, 449.	4.4	28
4	METTL3 Regulates Ossification of the Posterior Longitudinal Ligament via the lncRNA XIST/miR-302a-3p/USP8 Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629895.	3.7	17
5	Application of Piezosurgery in En Bloc Laminectomy for the Treatment of Multilevel Thoracic Ossification of Ligamentum Flavum. <i>World Neurosurgery</i> , 2019, 126, 541-546.	1.3	15
6	dPromoter-XGBoost: Detecting promoters and strength by combining multiple descriptors and feature selection using XGBoost. <i>Methods</i> , 2022, 204, 215-222.	3.8	13
7	Bioinformatics Analysis of Long Non-coding RNA and Related Diseases: An Overview. <i>Frontiers in Genetics</i> , 2021, 12, 813873.	2.3	12
8	Ossification of the posterior ligament is mediated by osterix via inhibition of the $\beta$ -catenin signaling pathway. <i>Experimental Cell Research</i> , 2016, 349, 53-59.	2.6	11
9	One-Level or Multilevel Interbody Fusion for Multilevel Lumbar Degenerative Diseases: A Prospective Randomized Control Study with a 4-Year Follow-Up. <i>World Neurosurgery</i> , 2018, 110, e815-e822.	1.3	10
10	Reduction of Slippage Influences Surgical Outcomes of Grade II and III Lumbar Isthmic Spondylolisthesis. <i>World Neurosurgery</i> , 2018, 120, e1017-e1023.	1.3	8
11	Prevalence of Ossification of Posterior Longitudinal Ligament in Patients With Degenerative Cervical Myelopathy. <i>Spine</i> , 2020, 45, 1320-1328.	2.0	8
12	Drug-drug interactions between moxifloxacin and rifampicin based on pharmacokinetics <i>in vivo</i> in rats. <i>Biomedical Chromatography</i> , 2016, 30, 1591-1598.	1.7	7
13	Endoplasmic reticulum stress regulates mechanical stress-induced ossification of posterior longitudinal ligament. <i>European Spine Journal</i> , 2019, 28, 2249-2256.	2.2	7
14	Surgical Treatment for Odontoid Fractures in Patients with Long-Standing Ankylosing Spondylitis: A Report of 3 Cases and Review of the Literature. <i>World Neurosurgery</i> , 2018, 116, 88-93.	1.3	6
15	Clinical Features and Long-Term Surgical Outcomes of Patients with Cervical Spondylotic Amyotrophy. <i>World Neurosurgery</i> , 2019, 121, e172-e180.	1.3	5
16	Bioinformatics Research on Drug Sensitivity Prediction. <i>Frontiers in Pharmacology</i> , 2021, 12, 799712.	3.5	4
17	AAPred-CNN: Accurate predictor based on deep convolution neural network for identification of anti-angiogenic peptides. <i>Methods</i> , 2022, 204, 442-448.	3.8	3
18	ATGPred-FL: sequence-based prediction of autophagy proteins with feature representation learning. <i>Amino Acids</i> , 2022, 54, 799-809.	2.7	3

#	ARTICLE	IF	CITATIONS
19	The Effect of the NF $\kappa$ B-USP9X-Cx43 Axis on the Dynamic Balance of Bone Formation/Degradation during Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	4.0	2
20	Identifying and Classifying Enhancers by Dinucleotide-Based Auto-Cross Covariance and Attention-Based Bi-LSTM. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-11.	1.3	2
21	Application of Sparse Representation in Bioinformatics. <i>Frontiers in Genetics</i> , 2021, 12, 810875.	2.3	2