

Jianwen Que

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,735
citations

186265

28
h-index

175258

52
g-index

57
all docs

57
docs citations

57
times ranked

5343
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple dose-dependent roles for Sox2 in the patterning and differentiation of anterior foregut endoderm. <i>Development (Cambridge)</i> , 2007, 134, 2521-2531.	2.5	463
2	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021, 595, 114-119.	27.8	411
3	Multiple roles for Sox2 in the developing and adult mouse trachea. <i>Development (Cambridge)</i> , 2009, 136, 1899-1907.	2.5	272
4	Mesothelium contributes to vascular smooth muscle and mesenchyme during lung development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16626-16630.	7.1	228
5	Morphogenesis of the trachea and esophagus: current players and new roles for noggin and Bmps. <i>Differentiation</i> , 2006, 74, 422-437.	1.9	226
6	Transitional basal cells at the squamousâ€“columnar junction generate Barrettâ€™s oesophagus. <i>Nature</i> , 2017, 550, 529-533.	27.8	179
7	Sox2 Cooperates with Inflammation-Mediated Stat3 Activation in the Malignant Transformation of Foregut Basal Progenitor Cells. <i>Cell Stem Cell</i> , 2013, 12, 304-315.	11.1	164
8	Interplay between Notch1 and Notch3 promotes EMT and tumor initiation in squamous cell carcinoma. <i>Nature Communications</i> , 2017, 8, 1758.	12.8	155
9	Pathogenesis and Cells of Origin of Barrett's Esophagus. <i>Gastroenterology</i> , 2019, 157, 349-364.e1.	1.3	104
10	SOX2 regulates multiple malignant processes of breast cancer development through the SOX2/miR-181a-5p, miR-30e-5p/TUSC3 axis. <i>Molecular Cancer</i> , 2017, 16, 62.	19.2	98
11	BMP-driven NRF2 activation in esophageal basal cell differentiation and eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , 2015, 125, 1557-1568.	8.2	90
12	mTORC1 Activation during Repeated Regeneration Impairs Somatic Stem Cell Maintenance. <i>Cell Stem Cell</i> , 2017, 21, 806-818.e5.	11.1	87
13	Genetic and cellular mechanisms regulating anterior foregut and esophageal development. <i>Developmental Biology</i> , 2012, 369, 54-64.	2.0	72
14	BMP signaling in the development of the mouse esophagus and forestomach. <i>Development (Cambridge)</i> , 2010, 137, 4171-4176.	2.5	71
15	3D Modeling of Esophageal Development using Human PSC-Derived Basal Progenitors Reveals a Critical Role for Notch Signaling. <i>Cell Stem Cell</i> , 2018, 23, 516-529.e5.	11.1	70
16	MCM4 and MCM7, potential novel proliferation markers, significantly correlated with Ki-67, Bmi1, and cyclin E expression in esophageal adenocarcinoma, squamous cell carcinoma, and precancerous lesions. <i>Human Pathology</i> , 2016, 57, 126-135.	2.0	63
17	Development and stem cells of the esophagus. <i>Seminars in Cell and Developmental Biology</i> , 2017, 66, 25-35.	5.0	61
18	Etiology, cancer stem cells and potential diagnostic biomarkers for esophageal cancer. <i>Cancer Letters</i> , 2019, 458, 21-28.	7.2	59

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19	Distinct stem/progenitor cells proliferate to regenerate the trachea, intrapulmonary airways and alveoli in COVID-19 patients. <i>Cell Research</i> , 2020, 30, 705-707.	12.0	54
20	The initial establishment and epithelial morphogenesis of the esophagus: a new model of tracheal-oesophageal separation and transition of simple columnar into stratified squamous epithelium in the developing esophagus. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2015, 4, 419-430.	5.9	51
21	FOXO1: Another avenue for treating digestive malignancy?. <i>Seminars in Cancer Biology</i> , 2018, 50, 124-131.	9.6	47
22	Generation and Characterization of Patient-Derived Head and Neck, Oral, and Esophageal Cancer Organoids. <i>Current Protocols in Stem Cell Biology</i> , 2020, 53, e109.	3.0	45
23	Autophagy mediates epithelial cytoprotection in eosinophilic oesophagitis. <i>Gut</i> , 2017, 66, 1197-1207.	12.1	43
24	Isl1 Regulation of Nkx2.1 in the Early Foregut Epithelium Is Required for Trachea-Esophageal Separation and Lung Lobation. <i>Developmental Cell</i> , 2019, 51, 675-683.e4.	7.0	42
25	Stem cells and origins of cancer in the upper gastrointestinal tract. <i>Cell Stem Cell</i> , 2021, 28, 1343-1361.	11.1	42
26	BMP Signaling in Development, Stem Cells, and Diseases of the Gastrointestinal Tract. <i>Annual Review of Physiology</i> , 2020, 82, 251-273.	13.1	39
27	Cpr177 regulates pulmonary vasculature development. <i>Development (Cambridge)</i> , 2013, 140, 3589-3594.	2.5	35
28	Chromatin Assembly Factor 1 (CAF-1) facilitates the establishment of facultative heterochromatin during pluripotency exit. <i>Nucleic Acids Research</i> , 2019, 47, 11114-11131.	14.5	35
29	A CRISPR/Cas9 screen identifies the histone demethylase MINA53 as a novel HIV-1 latency-promoting gene (LPG). <i>Nucleic Acids Research</i> , 2019, 47, 7333-7347.	14.5	35
30	Exclusion of <i>Dlx5/6</i> expression from the distal-most mandibular arches enables BMP-mediated specification of the distal cap. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7563-7568.	7.1	30
31	Targeting SOX2 Protein with Peptide Aptamers for Therapeutic Gains against Esophageal Squamous Cell Carcinoma. <i>Molecular Therapy</i> , 2020, 28, 901-913.	8.2	28
32	Wnt/Fgf crosstalk is required for the specification of basal cells in the trachea. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	27
33	Caspase-4/11 exacerbates disease severity in SARS-CoV-2 infection by promoting inflammation and immunothrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202012119.	7.1	25
34	Identification of anoctamin 1 (ANO1) as a key driver of esophageal epithelial proliferation in eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 239-254.e2.	2.9	24
35	Inhibition of PU.1 ameliorates metabolic dysfunction and non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2020, 73, 361-370.	3.7	24
36	Activation of NRF2 by APE1/REF1 is redox-dependent in Barrett's related esophageal adenocarcinoma cells. <i>Redox Biology</i> , 2021, 43, 101970.	9.0	24

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37	Pharmacological targeting of p38 MAP-Kinase 6 (MAP2K6) inhibits the growth of esophageal adenocarcinoma. <i>Cellular Signalling</i> , 2018, 51, 222-232.	3.6	20
38	The development and stem cells of the esophagus. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	20
39	The antioxidant response in Barrett's tumorigenesis: A double-edged sword. <i>Redox Biology</i> , 2021, 41, 101894.	9.0	20
40	Use of hPSC-derived 3D organoids and mouse genetics to define the roles of YAP in the development of the esophagus. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	19
41	Novel candidate genes in esophageal atresia/tracheoesophageal fistula identified by exome sequencing. <i>European Journal of Human Genetics</i> , 2021, 29, 122-130.	2.8	17
42	Role of Bacterial and Viral Pathogens in Gastric Carcinogenesis. <i>Cancers</i> , 2021, 13, 1878.	3.7	14
43	VEGF receptor 2 (KDR) protects airways from mucus metaplasia through a Sox9-dependent pathway. <i>Developmental Cell</i> , 2021, 56, 1646-1660.e5.	7.0	13
44	Relationship of the Esophageal Microbiome and Tissue Gene Expression and Links to the Oral Microbiome: A Randomized Clinical Trial. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00235.	2.5	13
45	Genetic Mouse Models and Induced Pluripotent Stem Cells for Studying Tracheal-Esophageal Separation and Esophageal Development. <i>Stem Cells and Development</i> , 2020, 29, 953-966.	2.1	11
46	Diversified Application of Barcoded PLATO (PLATO-BC) Platform for Identification of Protein Interactions. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 319-331.	6.9	5
47	Silencing of miR490â€³p by <i>H. pylori</i> activates DARPP-32 and induces resistance to gefitinib. <i>Cancer Letters</i> , 2020, 491, 87-96.	7.2	5
48	Disruption of respiratory epithelial basement membrane in COVID-19 patients. <i>Molecular Biomedicine</i> , 2021, 2, 8.	4.4	4
49	Epithelial Wntless regulates postnatal alveologenesi. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	4
50	Notum balances Wnt signaling during tracheal cartilage development. <i>Developmental Biology</i> , 2018, 437, 61-62.	2.0	2
51	Re-assessing stem cells in the stomachâ€”one story two tales. <i>Annals of Translational Medicine</i> , 2017, 5, 51-51.	1.7	0
52	Isl1 Regulation of Nkx2.1 in the Early Foregut Epithelium Is Required for Trachea-Esophageal Separation and Lung Lobation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0