Guojun Sheng

List of Publications by Year
in descending order

40 papers	4,600 citations	361413 20 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	9505 citing authors

#	Article	IF	Citations
1	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	27.8	1,838
2	Guidelines and definitions for research on epithelialâ€“mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	37.0	1,195
3	RhoA and microtubule dynamics control cellâ€“basement membrane interaction in EMT during gastrulation. Nature Cell Biology, 2008, 10, 765-775.	10.3	253
4	FANTOM5 CAGE profiles of human and mouse samples. Scientific Data, 2017, 4, 170112.	5.3	195
5	EMT in developmental morphogenesis. Cancer Letters, 2013, 341, 9-15.	7.2	163
6	Epithelial to mesenchymal transition during gastrulation: An embryological view. Development Growth and Differentiation, 2008, 50, 755-766.	1.5	141
7	The developmental basis of mesenchymal stem/stromal cells (MSCs). BMC Developmental Biology, 2015, 15, 44.	2.1	84
8	Systematic analysis of transcription start sites in avian development. PLoS Biology, 2017, 15, e2002887.	5.6	68
9	Negative regulation of primitive hematopoiesis by the FGF signaling pathway. Blood, 2006, 108, 3335-3343.	1.4	66
10	Epiblast morphogenesis before gastrulation. Developmental Biology, 2015, 401, 17-24.	2.0	56
11	Notch mediates Wnt and BMP signals in the early separation of smooth muscle progenitors and blood/endothelial common progenitors. Development (Cambridge), 2009, 136, 595-603.	2.5	53
12	Transcriptomic landscape of the primitive streak. Development (Cambridge), 2010, 137, 2863-2874.	2.5	47
13	Epiblast integrity requires CLASP and Dystroglycan-mediated microtubule anchoring to the basal cortex. Journal of Cell Biology, 2013, 202, 637-651.	5.2	47
14	Involvement of Dystroglycan in Epithelial-Mesenchymal Transition during Chick Gastrulation. Cells Tissues Organs, 2011, 193, 64-73.	2.3	39
15	Activin/TGF-beta signaling regulates Nanog expression in the epiblast during gastrulation. Mechanisms of Development, 2011, 128, 268-278.	1.7	30
16	Dayâ€1 chick development. Developmental Dynamics, 2014, 243, 357-367.	1.8	29
17	Comparative transcriptomics of primary cells in vertebrates. Genome Research, 2020, 30, 951-961.	5.5	29
18	Decoupling of amniote gastrulation and streak formation reveals a morphogenetic unity in vertebrate mesoderm induction. Development (Cambridge), 2013, 140, 2691-2696.	2.5	28

#	Article	IF	Citations
19	An amicable separation: Chickâ€™s way of doing EMT. Cell Adhesion and Migration, 2009, 3, 160-163.	2.7	26
20	A little winning streak: The reptilianâ€eye view of gastrulation in birds. Development Growth and Differentiation, 2013, 55, 52-59.	1.5	26
21	Mesenchymal-epithelial transition regulates initiation of pluripotency exit before gastrulation. Development (Cambridge), 2020, 147, .	2.5	20
22	The primitive streak and cellular principles of building an amniote body through gastrulation. Science, 2021, 374, abg1727.	12.6	20
23	Apolipoprotein E is an HIV-1-inducible inhibitor of viral production and infectivity in macrophages. PLoS Pathogens, 2018, 14, e1007372.	4.7	19
24	ISM1 regulates NODAL signaling and asymmetric organ morphogenesis during development. Journal of Cell Biology, 2019, 218, 2388-2402.	5.2	19
25	Characterization of the finch embryo supports evolutionary conservation of the naive stage of development in amniotes. ELife, 2015, 4, e07178.	6.0	18
26	Manipulating the Avian Epiblast and Epiblast-Derived Stem Cells. Methods in Molecular Biology, 2013, 1074, 151-173.	0.9	14
27	Defining epithelial-mesenchymal transitions in animal development. Development (Cambridge), 2021, 148, .	2.5	13
28	Epithelial-mesenchymal transition in haematopoietic stem cell development and homeostasis. Journal of Biochemistry, 2018, 164, 265-275.	1.7	9
29	Five Transcription Factors and FGF Pathway Inhibition Efficiently Induce Erythroid Differentiation in the Epiblast. Stem Cell Reports, 2014, 2, 262-270.	4.8	8
30	Evolution of the avian digital pattern. Scientific Reports, 2019, 9, 8560.	3.3	8
31	Biomechanical regulation of EMT and epithelial morphogenesis in amniote epiblast. Physical Biology, 2019, 16, 041002.	1.8	6
32	Epithelial-Mesenchymal Transition Drives Three-Dimensional Morphogenesis in Mammalian Early Development. Frontiers in Cell and Developmental Biology, 2021, 9, 639244.	3.7	4
33	Epithelialâ€"Mesenchymal Transition in Liver Fluke-Induced Cholangiocarcinoma. Cancers, 2021, 13, 791.	3.7	4
34	NPAS4L is involved in avian hemangioblast specification. Haematologica, 2020, 105, 2647-2650.	3.5	3
35	HMGN3 represses transcription of epithelial regulators to promote migration of cholangiocarcinoma in a SNAI2â€dependent manner. FASEB Journal, 2022, 36, .	0.5	3
36	Partial EMT/MET: An Army of One. Methods in Molecular Biology, 2021, 2179, 29-33.	0.9	2

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37	Japan: prize diversity, not conformity, to boost research. Nature, 2021, 599, 201-201.	27.8	1
38	Morphogenesis: Eternal truth or ephemeral beauty. Developmental Dynamics, 2016, 245, 189-189.	1.8	0
39	Twenty years on for The Epithelial-Mesenchymal Transition International Association (TEMTIA): an interview with co-founders Erik Thompson and Donald Newgreen. Cells Tissues Organs, 2021, , .	2.3	0
40	Developmental biology in China (Part 1). Development Growth and Differentiation, 2022, 64, 86-87.	1.5	0