

Karen Symes

List of Publications by Year in descending order

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19
papers

694
citations

687363

13
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct functions of Rho and Rac are required for convergent extension during <i>Xenopus</i> gastrulation. <i>Developmental Biology</i> , 2003, 259, 318-335.	2.0	153
2	Guidance of mesoderm cell migration in the <i>Xenopus</i> gastrula requires PDGF signaling. <i>Development (Cambridge)</i> , 2004, 131, 2727-2736.	2.5	107
3	SHP-2/PTPN11 mediates gliomagenesis driven by PDGFRA and INK4A/ARF aberrations in mice and humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 905-917.	8.2	78
4	PDGF-A interactions with fibronectin reveal a critical role for heparan sulfate in directed cell migration during <i>Xenopus</i> gastrulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21683-21688.	7.1	58
5	Protein kinase CK2 is required for dorsal axis formation in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2004, 274, 110-124.	2.0	47
6	Localization of PDGF A and PDGFR β mRNA in <i>Xenopus</i> embryos suggests signalling from neural ectoderm and pharyngeal endoderm to neural crest cells. <i>Mechanisms of Development</i> , 1994, 48, 165-174.	1.7	46
7	Small-molecule control of insulin and PDGF receptor signaling and the role of membrane attachment. <i>Current Biology</i> , 1998, 8, 11-18.	3.9	41
8	Threonine 393 of β -catenin regulates interaction with Axin. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 52-63.	2.6	27
9	Migrating anterior mesoderm cells and intercalating trunk mesoderm cells have distinct responses to Rho and Rac during <i>Xenopus</i> gastrulation. <i>Developmental Dynamics</i> , 2006, 235, 1090-1099.	1.8	22
10	A role for CK2 β in <i>Xenopus</i> early embryonic development. <i>Molecular and Cellular Biochemistry</i> , 2005, 274, 125-131.	3.1	21
11	Distinct effectors of platelet-derived growth factor receptor- β signaling are required for cell survival during embryogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8233-8238.	7.1	21
12	Vertical integration of biochemistry and clinical medicine using a near-peer learning model. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 507-516.	1.2	17
13	The mitochondrial-apoptotic pathway is triggered in <i>Xenopus</i> mesoderm cells deprived of PDGF receptor signaling during gastrulation. <i>Developmental Biology</i> , 2004, 268, 232-242.	2.0	16
14	The art and science of selecting graduate students in the biomedical sciences: Performance in doctoral study of the foundational sciences. <i>PLoS ONE</i> , 2018, 13, e0193901.	2.5	13
15	Apoptosis regulates notochord development in <i>Xenopus</i> . <i>Developmental Biology</i> , 2007, 311, 434-448.	2.0	12
16	Sweet cues. <i>Cell Adhesion and Migration</i> , 2010, 4, 507-510.	2.7	11
17	Evolving Role of the Basic Science Course Director in an Integrated Curriculum. <i>Medical Science Educator</i> , 2014, 24, 349-351.	1.5	4
18	Teaching Biochemistry to Students of Dentistry, Medicine, and Pharmacy: 7th International Conference of the Association of Biochemistry Educators (ABE) Tucson, AZ, USA, May 5-9, 2019. <i>Medical Science Educator</i> , 2020, 30, 585-589.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Teaching Biochemistry to Students of Dentistry, Medicine, and Pharmacy: 8th International Conference of the Association of Biochemistry Educators (ABE) Virtual Conference, May 3-7, 2021. Medical Science Educator, 2021, , 1-4.	1.5	0