Ying Xia

List of Publications by Year in descending order

38 papers	1,669 citations	516710 16 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	2323 citing authors

#	Article	IF	Citations
1	Jun Turnover Is Controlled Through JNK-Dependent Phosphorylation of the E3 Ligase Itch. Science, 2004, 306, 271-275.	12.6	361
2	The control of cell motility and epithelial morphogenesis by Jun kinases. Trends in Cell Biology, 2004, 14, 94-101.	7.9	231
3	A role for MEK kinase 1 in TGF-Â/activin-induced epithelium movement and embryonic eyelid closure. EMBO Journal, 2003, 22, 4443-4454.	7.8	161
4	Activation of mitogen-activated protein kinases (MAPKs) by aromatic hydrocarbons: role in the regulation of aryl hydrocarbon receptor (AHR) function. Biochemical Pharmacology, 2002, 64, 771-780.	4.4	154
5	MEKK1 Transduces Activin Signals in Keratinocytes To Induce Actin Stress Fiber Formation and Migration. Molecular and Cellular Biology, 2005, 25, 60-65.	2.3	103
6	A Role for the Mitogen-activated Protein Kinase Kinase Kinase 1 in Epithelial Wound Healing. Molecular Biology of the Cell, 2006, 17, 3446-3455.	2.1	64
7	Minor Abnormalities of Testis Development in Mice Lacking the Gene Encoding the MAPK Signalling Component, MAP3K1. PLoS ONE, 2011, 6, e19572.	2.5	55
8	Differential transmission of MEKK1 morphogenetic signals by JNK1 and JNK2. Development (Cambridge), 2008, 135, 23-32.	2.5	45
9	Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult. PLoS ONE, 2015, 10, e0142440.	2.5	42
10	Repression of the Aryl Hydrocarbon Receptor Is Required to Maintain Mitotic Progression and Prevent Loss of Pluripotency of Embryonic Stem Cells. Stem Cells, 2016, 34, 2825-2839.	3.2	40
11	Mitogen-activated protein kinase kinase kinase 1 (MAP3K1) integrates developmental signals for eyelid closure. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17349-17354.	7.1	39
12	Pluripotency factors and Polycomb Group proteins repress aryl hydrocarbon receptor expression in murine embryonic stem cells. Stem Cell Research, 2014, 12, 296-308.	0.7	35
13	The signaling pathways in tissue morphogenesis: a lesson from mice with eye-open at birth phenotype. Biochemical Pharmacology, 2004, 68, 997-1001.	4.4	34
14	Eyelid Closure in Embryogenesis Is Required for Ocular Adnexa Development. , 2014, 55, 7652.		34
15	Long-term exposure to low-concentrations of Cr(VI) induce DNA damage and disrupt the transcriptional response to benzo[a]pyrene. Toxicology, 2014, 316, 14-24.	4.2	31
16	Ĩº B Kinase Î² Regulates Epithelium Migration during Corneal Wound Healing. PLoS ONE, 2011, 6, e16132.	2.5	24
17	Loss of MAP3K1 enhances proliferation and apoptosis during retinal development. Development (Cambridge), 2011, 138, 4001-4012.	2.5	22
18	Mitogen-activated Protein Kinase Kinase Kinase 1 Protects against Nickel-induced Acute Lung Injury. Toxicological Sciences, 2008, 104, 405-411.	3.1	17

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19	Meibomian gland morphogenesis requires developmental eyelid closure and lid fusion. Ocular Surface, 2017, 15, 704-712.	4.4	17
20	MEK kinase 1 regulates c-Jun phosphorylation in the control of corneal morphogenesis. Molecular Vision, 2003, 9, 584-93.	1.1	15
21	Map3k1. The AFCS-nature Molecule Pages, 0, , .	0.2	14
22	Deciphering gene expression program of MAP3K1 in mouse eyelid morphogenesis. Developmental Biology, 2013, 374, 96-107.	2.0	13
23	MAP3K1 function is essential for cyto-architecture of mouse organ of Corti and survival of auditory hair cells. DMM Disease Models and Mechanisms, 2015, 8, 1543-53.	2.4	13
24	Long-term Coexposure to Hexavalent Chromium and B[a]P Causes Tissue-Specific Differential Biological Effects in Liver and Gastrointestinal Tract of Mice. Toxicological Sciences, 2015, 146, 52-64.	3.1	12
25	Repression of MAP3K1 expression and JNK activity by canonical Wnt signaling. Developmental Biology, 2018, 440, 129-136.	2.0	11
26	Calponin-3 deficiency augments contractile activity, plasticity, fibrogenic response and Yap/Taz transcriptional activation in lens epithelial cells and explants. Scientific Reports, 2020, 10, 1295.	3.3	11
27	Corneal Wound Healing Requires IKB kinase Î² Signaling in Keratocytes. PLoS ONE, 2016, 11, e0151869.	2.5	11
28	Epithelial sheet movement requires the cooperation of c-Jun and MAP3K1. Developmental Biology, 2014, 395, 29-37.	2.0	10
29	Gene-Environment Interactions Target Mitogen-activated Protein 3 Kinase 1 (MAP3K1) Signaling in Eyelid Morphogenesis. Journal of Biological Chemistry, 2015, 290, 19770-19779.	3.4	10
30	Loss of IÎºB kinase Î² promotes myofibroblast transformation and senescence through activation of the ROS-TGFÎ² autocrine loop. Protein and Cell, 2016, 7, 338-350.	11.0	10
31	Formaldehyde-Assisted Isolation of Regulatory Elements (FAIRE) Analysis Uncovers Broad Changes in Chromatin Structure Resulting from Hexavalent Chromium Exposure. PLoS ONE, 2014, 9, e97849.	2.5	9
32	Isolation and long-term expansion of murine epidermal stem-like cells. PLoS ONE, 2021, 16, e0254731.	2.5	8
33	Expression of Signaling Components in Embryonic Eyelid Epithelium. PLoS ONE, 2014, 9, e87038.	2.5	5
34	Genetic Control of MAP3K1 in Eye Development and Sex Differentiation. Cells, 2022, 11, 34.	4.1	4
35	Biochemical Responses to Dioxins: Which Genes? Which Endpoints?. , 2005, , 533-558.		1
36	c-Jun: A Complex Tale of a Simple Transcription Factor. , 2006, , 219-237.		1

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37	Magnetic resonance imaging study of eye congenital birth defects in mouse model. Molecular Vision, 2017, 23, 572-578.	1.1	1
38	The combined effects of Map3k1 mutation and dioxin on differentiation of keratinocytes derived from mouse embryonic stem cells. Scientific Reports, 2022, 12, .	3.3	1