

Role of YAP/TAZ in mechanotransduction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of Intra-Adrenal Infusion of Potassium on Urinary Potassium Excretion in the Dog.. Experimental Biology and Medicine, 1960, 104, 764-767.	2.4	2
2	Deciphering tumor-suppressor signaling in flies: Genetic link between Scribble/Dlg/Lgl and the Hippo pathways. Journal of Genetics and Genomics, 2011, 38, 461-470.	3.9	44
3	Hippo signaling: A hub of growth control, tumor suppression and pluripotency maintenance. Journal of Genetics and Genomics, 2011, 38, 471-481.	3.9	56
4	The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. Cell, 2011, 147, 759-772.	28.9	1,115
5	Cancer Invasion and the Microenvironment: Plasticity and Reciprocity. Cell, 2011, 147, 992-1009.	28.9	1,669
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8	Taking aim at the extracellular matrix: CCN proteins as emerging therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 945-963.	46.4	528
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20	Hippo pathway regulation by cell morphology and stress fibers. <i>Development (Cambridge)</i> , 2011, 138, 3907-3914.	2.5	707
21	ECM stiffness primes the TGF β 2 pathway to promote chondrocyte differentiation. <i>Molecular Biology of the Cell</i> , 2012, 23, 3731-3742.	2.1	173
22	Intercellular Interactions, Position, and Polarity in Establishing Blastocyst Cell Lineages and Embryonic Axes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a008235-a008235.	5.5	66
23	Overview of Micro- and Nano-Technology Tools for Stem Cell Applications: Micropatterned and Microelectronic Devices. <i>Sensors</i> , 2012, 12, 15947-15982.	3.8	21
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1872	Simple treatment of cell culture surfaces with water-dimethyl sulfoxide mixtures impacts YAP localization in vascular endothelial cells. <i>Materials Letters</i> , 2020, 263, 127245.	2.6	0
1873	Touch-Spun Nanofibers for Nerve Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2067-2075.	8.0	27
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1884	Hippoâ€‘Yap/Taz signaling: Complex network interactions and impact in epithelial cell behavior. Wiley Interdisciplinary Reviews: Developmental Biology, 2020, 9, e371.	5.9	23
1885	The Plot Thickens: The Emerging Role of Matrix Viscosity in Cell Mechanotransduction. Advanced Healthcare Materials, 2020, 9, e1901259.	7.6	75
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1889	Involvement of Yesâ€‘associated protein 1 (YAP1) in doxorubicinâ€‘induced cytotoxicity in H9c2 cardiac cells. Cell Biology International, 2020, 44, 873-881.	3.0	4
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1915	Caveolin1 Tyrosine-14 Phosphorylation: Role in Cellular Responsiveness to Mechanical Cues. <i>Journal of Membrane Biology</i> , 2020, 253, 509-534.	2.1	15
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1920	Mitochondria at Center of Exchanges between Cancer Cells and Cancer-Associated Fibroblasts during Tumor Progression. <i>Cancers</i> , 2020, 12, 3017.	3.7	16
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1931	Nuclear mechanosensing: mechanism and consequences of a nuclear rupture. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2020, 821, 111717.	1.0	8
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1938	Disabled Homolog 2 Controls Prometastatic Activity of Tumor-Associated Macrophages. <i>Cancer Discovery</i> , 2020, 10, 1758-1773.	9.4	44
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1941	The Hippo Pathway in Cardiac Regeneration and Homeostasis: New Perspectives for Cell-Free Therapy in the Injured Heart. <i>Biomolecules</i> , 2020, 10, 1024.	4.0	21
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1944	The extracellular matrix and mechanotransduction in pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 126, 105802.	2.8	59
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1951	Simplified Brain Organoids for Rapid and Robust Modeling of Brain Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 594090.	3.7	21
1952	FLNC Expression Level Influences the Activity of TEAD-YAP/TAZ Signaling. <i>Genes</i> , 2020, 11, 1343.	2.4	7
1953	Self-Strengthening Adhesive Force Promotes Cell Mechanotransduction. <i>Advanced Materials</i> , 2020, 32, e2006986.	21.0	41
1954	CFL2 is an essential mediator for myogenic differentiation in C2C12 myoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 710-716.	2.1	19
1955	Interplay between caspase, Yes-associated protein, and mechanics: A possible switch between life and death?. <i>Current Opinion in Cell Biology</i> , 2020, 67, 141-146.	5.4	8
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1964	Actin flow-dependent and -independent force transmission through integrins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32413-32422.	7.1	22
1965	Mechanical Properties of Materials for Stem Cell Differentiation. <i>Advanced Biology</i> , 2020, 4, e2000247.	3.0	67

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1968	YAP-mediated mechanotransduction tunes the macrophage inflammatory response. <i>Science Advances</i> , 2020, 6, .	10.3	127
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1975	Fluid flow as a driver of embryonic morphogenesis. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	19
1976	Mechanotransduction and Stiffness-Sensing: Mechanisms and Opportunities to Control Multiple Molecular Aspects of Cell Phenotype as a Design Cornerstone of Cell-Instructive Biomaterials for Articular Cartilage Repair. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5399.	4.1	41
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1981	Local stimulation of osteocytes using a magnetically actuated oscillating beam. <i>PLoS ONE</i> , 2020, 15, e0235366.	2.5	3
1982	Physics of the Extracellular Matrix and Biology of Tumors – A Close Relationship. <i>Biophysical Reviews and Letters</i> , 2020, 15, 121-130.	0.8	0
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1995	Gone Caving: Roles of the Transcriptional Regulators YAP and TAZ in Skeletal Development. Current Osteoporosis Reports, 2020, 18, 526-540.	3.6	19
1996	Multiscale morphogenesis of the mouse blastocyst by actomyosin contractility. Current Opinion in Cell Biology, 2020, 66, 123-129.	5.4	9
1997	Biomimicking Fiber Platform with Tunable Stiffness to Study Mechanotransduction Reveals Stiffness Enhances Oligodendrocyte Differentiation but Impedes Myelination through YAP-Dependent Regulation. Small, 2020, 16, e2003656.	10.0	25
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2017	Actomyosin contractility confers mechanoprotection against TNF α -induced disruption of the intervertebral disc. Science Advances, 2020, 6, eaba2368.	10.3	23
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2028	The influenza virus NS1A binding protein gene modulates macrophages response to cytokines and phagocytic potential in inflammation. <i>Scientific Reports</i> , 2020, 10, 15302.	3.3	3
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2032	Quantitatively Designed Cross-Linker-Clustered Maleimide- α -Dextran Hydrogels for Rationally Regulating the Behaviors of Cells in a 3D Matrix. <i>ACS Applied Bio Materials</i> , 2020, 3, 5759-5774.	4.6	8
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2034	Plant-Based Scaffolds Modify Cellular Response to Drug and Radiation Exposure Compared to Standard Cell Culture Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 932.	4.1	24
2035	Role of YAP/TAZ in Cell Lineage Fate Determination and Related Signaling Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 735.	3.7	71
2036	Lgl1 regulates zebrafish cardiac development by mediating Yap stability in cardiomyocytes. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	9
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