

# Yingxiao Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

146  
papers

6,825  
citations

66343

42  
h-index

69250

77  
g-index

154  
all docs

154  
docs citations

154  
times ranked

8904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocytes engineered with <i>iSNAP</i> inhibit human B-lymphoma progression. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	7.1	3
2	Engineering CAR T cells for enhanced efficacy and safety. <i>APL Bioengineering</i> , 2022, 6, 011502.	6.2	14
3	First Resonance Energy Transfer-Based Single-Cell Imaging Reveals Piezo1-Induced Ca <sup>2+</sup> Flux Mediates Membrane Ruffling and Cell Survival. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	1
4	Mechanosensor Piezo1 mediates bimodal patterns of intracellular calcium and <i>FAK</i> signaling. <i>EMBO Journal</i> , 2022, 41, .	7.8	10
5	Platelet-derived microvesicles induce calcium oscillations and promote VSMC migration <i>via</i> TRPV4. <i>Theranostics</i> , 2021, 11, 2410-2423.	10.0	13
6	Phase separation and histone epigenetics in genome regulation. <i>Current Opinion in Solid State and Materials Science</i> , 2021, 25, 100892.	11.5	6
7	A Perspective of Epigenetic Regulation in Radiotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 624312.	3.7	19
8	Integration of FRET and sequencing to engineer kinase biosensors from mammalian cell libraries. <i>Nature Communications</i> , 2021, 12, 5031.	12.8	10
9	Control of the activity of CAR-T cells within tumours via focused ultrasound. <i>Nature Biomedical Engineering</i> , 2021, 5, 1336-1347.	22.5	82
10	Editorial: Understanding molecular interactions that underpin vascular mechanobiology. <i>APL Bioengineering</i> , 2021, 5, 030401.	6.2	3
11	Intravital imaging technology guides <i>FAK</i> -mediated priming in pancreatic cancer precision medicine according to Merlin status. <i>Science Advances</i> , 2021, 7, eabh0363.	10.3	23
12	Tracking the Dynamic Histone Methylation of H3K27 in Live Cancer Cells. <i>ACS Sensors</i> , 2021, 6, 4369-4378.	7.8	5
13	Engineering Molecular Machines for the Control of Cellular Functions for Diagnostics and Therapeutics. <i>Advanced Functional Materials</i> , 2020, 30, 1904345.	14.9	2
14	Mechanogenetics for cellular engineering and cancer immunotherapy. <i>Current Opinion in Biotechnology</i> , 2020, 66, 88-94.	6.6	9
15	Endothelial microparticles induced by cyclic stretch activate Src and modulate cell apoptosis. <i>FASEB Journal</i> , 2020, 34, 13586-13596.	0.5	3
16	FRET-Based Ca <sup>2+</sup> Biosensor Single Cell Imaging Interrogated by High-Frequency Ultrasound. <i>Sensors</i> , 2020, 20, 4998.	3.8	9
17	Application of FRET Biosensors in Mechanobiology and Mechanopharmacological Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 595497.	4.1	50
18	Matrix-transmitted paratenile signaling enables myofibroblast <i>α</i> fibroblast cross talk in fibrosis expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10832-10838.	7.1	48

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19	Multi-scale cellular engineering: From molecules to organ-on-a-chip. <i>APL Bioengineering</i> , 2020, 4, 010906.	6.2	8
20	Epigenetic regulation and mechanobiology. <i>Biophysics Reports</i> , 2020, 6, 33-48.	0.8	13
21	Unphosphorylated STAT3 in heterochromatin formation and tumor suppression in lung cancer. <i>BMC Cancer</i> , 2020, 20, 145.	2.6	30
22	Engineering light-controllable CAR T cells for cancer immunotherapy. <i>Science Advances</i> , 2020, 6, eaay9209.	10.3	97
23	Optogenetic Control for Investigating Subcellular Localization of Fyn Kinase Activity in Single Live Cells. <i>Journal of Molecular Biology</i> , 2020, 432, 1901-1909.	4.2	4
24	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. <i>Nature Communications</i> , 2019, 10, 3637.	12.8	170
25	An AND-Gated Drug and Photoactivatable Cre- <i>loxP</i> System for Spatiotemporal Control in Cell-Based Therapeutics. <i>ACS Synthetic Biology</i> , 2019, 8, 2359-2371.	3.8	26
26	Biophysical basis underlying dynamic Lck activation visualized by ZapLck FRET biosensor. <i>Science Advances</i> , 2019, 5, eaau2001.	10.3	25
27	Fluocell for Ratiometric and High-Throughput Live-Cell Image Visualization and Quantitation. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	4
28	Sensitive FRET Biosensor Reveals Fyn Kinase Regulation by Submembrane Localization. <i>ACS Sensors</i> , 2019, 4, 76-86.	7.8	26
29	Matrix Rigidity-Dependent Regulation of Ca <sup>2+</sup> at Plasma Membrane Microdomains by FAK Visualized by Fluorescence Resonance Energy Transfer. <i>Advanced Science</i> , 2019, 6, 1801290.	11.2	7
30	Genetically Encoded FRET Biosensor for Visualizing EphA4 Activity in Different Compartments of the Plasma Membrane. <i>ACS Sensors</i> , 2019, 4, 294-300.	7.8	11
31	Protein circuits reprogram cells. <i>Nature Chemical Biology</i> , 2019, 15, 96-97.	8.0	3
32	Directed Evolution to Engineer Monobody for FRET Biosensor Assembly and Imaging at Live-Cell Surface. <i>Cell Chemical Biology</i> , 2018, 25, 370-379.e4.	5.2	23
33	Mechanogenetics for the remote and noninvasive control of cancer immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 992-997.	7.1	181
34	Deciphering and engineering chromodomain-methyllysine peptide recognition. <i>Science Advances</i> , 2018, 4, eaau1447.	10.3	15
35	Coordinated histone modifications and chromatin reorganization in a single cell revealed by FRET biosensors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11681-E11690.	7.1	48
36	Acoustic mechanogenetics. <i>Current Opinion in Biomedical Engineering</i> , 2018, 7, 64-70.	3.4	17

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37	Pathological cyclic strain promotes proliferation of vascular smooth muscle cells via the ACTH/ERK/STAT3 pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8260-8270.	2.6	11
38	Removing physiological motion from intravital and clinical functional imaging data. <i>ELife</i> , 2018, 7, .	6.0	34
39	Visualizing Spatiotemporal Dynamics of Intercellular Mechanotransmission upon Wounding. <i>ACS Photonics</i> , 2018, 5, 3565-3574.	6.6	7
40	Intravital Imaging to Monitor Therapeutic Response in Moving Hypoxic Regions Resistant to PI3K Pathway Targeting in Pancreatic Cancer. <i>Cell Reports</i> , 2018, 23, 3312-3326.	6.4	61
41	1. A light inducible gene activation system toward controllable cell-based therapeutics. <i>FASEB Journal</i> , 2018, 32, 804.62.	0.5	0
42	Engineering A Hybrid FRET Biosensor to Study Proteolytic Activities of MT1-MMP. <i>FASEB Journal</i> , 2018, 32, 657.20.	0.5	0
43	FRET-based Visualization of PDGF Receptor Activation at Membrane Microdomains. <i>Scientific Reports</i> , 2017, 7, 1593.	3.3	24
44	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	208
45	Involvement of a Rac1-Dependent Macropinocytosis Pathway in Plasmid DNA Delivery by Electrotransfection. <i>Molecular Therapy</i> , 2017, 25, 803-815.	8.2	33
46	Subcellular domain-dependent molecular hierarchy of SFK and FAK in mechanotransduction and cytokine signaling. <i>Scientific Reports</i> , 2017, 7, 9033.	3.3	10
47	Engineered proteins with sensing and activating modules for automated reprogramming of cellular functions. <i>Nature Communications</i> , 2017, 8, 477.	12.8	33
48	Acoustic-transfection for genomic manipulation of single-cells using high frequency ultrasound. <i>Scientific Reports</i> , 2017, 7, 5275.	3.3	40
49	Notice of Removal: Acoustic-transfection for gene editing using high frequency ultrasound. , 2017, , .		0
50	Direct and sustained intracellular delivery of exogenous molecules using acoustic-transfection with high frequency ultrasound. <i>Scientific Reports</i> , 2016, 6, 20477.	3.3	44
51	Nuclear envelope proteins modulate proliferation of vascular smooth muscle cells during cyclic stretch application. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5293-5298.	7.1	68
52	Imaging Spatiotemporal Activities of ZAP-70 in Live T Cells Using a FRET-Based Biosensor. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3510-3521.	2.5	14
53	Perspectives of FRET Imaging to Study Epigenetics and Mechanobiology in the Nucleus. , 2016, , 143-161.		2
54	In-situ coupling between kinase activities and protein dynamics within single focal adhesions. <i>Scientific Reports</i> , 2016, 6, 29377.	3.3	22

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55	Optimization of input parameters of acoustic-transfection for the intracellular delivery of macromolecules using FRET-based biosensors. , 2016, , .		0
56	Real-Time Analysis of Calcium Signals during the Early Phase of T Cell Activation Using a Genetically Encoded Calcium Biosensor. <i>Journal of Immunology</i> , 2016, 196, 1471-1479.	0.8	43
57	Polarizing CD8+ Central Memory T Cells and Th1 Cells By Lenalidomide Contributes to the Antitumor Function of CD19 CAR-T Cells in Killing Diffused Large B Cell Lymphoma in Vitro. <i>Blood</i> , 2016, 128, 4190-4190.	1.4	1
58	Subcellular and Dynamic Coordination between Src Activity and Cell Protrusion in Microenvironment. <i>Scientific Reports</i> , 2015, 5, 12963.	3.3	4
59	The primary cilium functions as a mechanical and calcium signaling nexus. <i>Cilia</i> , 2015, 4, 7.	1.8	118
60	Rapid and Localized Mechanical Stimulation and Adhesion Assay: TRPM7 Involvement in Calcium Signaling and Cell Adhesion. <i>PLoS ONE</i> , 2015, 10, e0126440.	2.5	10
61	Programmable delivery of macromolecules using high frequency ultrasound. , 2015, , .		0
62	Dynamic Visualization of $\beta$ -Catenin Reveals Rapid, Reversible Conformation Switching between Tension States. <i>Current Biology</i> , 2015, 25, 218-224.	3.9	141
63	Laser-induced shockwave paired with FRET: A method to study cell signaling. <i>Microscopy Research and Technique</i> , 2015, 78, 195-199.	2.2	7
64	Nanoporous Silica-Based Protocells at Multiple Scales for Designs of Life and Nanomedicine. <i>Life</i> , 2015, 5, 214-229.	2.4	16
65	Activatable and Cell-Penetrable Multiplex FRET Nanosensor for Profiling MT1-MMP Activity in Single Cancer Cells. <i>Nano Letters</i> , 2015, 15, 5025-5032.	9.1	50
66	Nuclear envelope proteins Nesprin2 and LaminA regulate proliferation and apoptosis of vascular endothelial cells in response to shear stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1165-1173.	4.1	22
67	Integrin Molecular Tension within Motile Focal Adhesions. <i>Biophysical Journal</i> , 2015, 109, 2259-2267.	0.5	72
68	Distinct mechanisms regulating mechanical force-induced Ca <sup>2+</sup> signals at the plasma membrane and the ER in human MSCs. <i>ELife</i> , 2015, 4, e04876.	6.0	90
69	Focal adhesion kinase leads paxillin in the assembly of nascent focal adhesions in lamellipodial protrusions of migrating endothelial cells. <i>FASEB Journal</i> , 2015, 29, 797.5.	0.5	0
70	Photocaged DNAzymes as a General Method for Sensing Metal Ions in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13798-13802.	13.8	181
71	Photocaged DNAzymes as a General Method for Sensing Metal Ions in Living Cells. <i>Angewandte Chemie</i> , 2014, 126, 14018-14022.	2.0	43
72	Single-Cell Imaging of Mechanotransduction in Endothelial Cells. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 126, 25-51.	1.7	9

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73	3D Traction Stresses Activate Protease-Dependent Invasion of Cancer Cells. <i>Biophysical Journal</i> , 2014, 107, 2528-2537.	0.5	77
74	The role of mechanical tension on lipid raft dependent PDGF-induced TRPC6 activation. <i>Biomaterials</i> , 2014, 35, 2868-2877.	11.4	24
75	Electroporation-delivered fluorescent protein biosensors for probing molecular activities in cells without genetic encoding. <i>Chemical Communications</i> , 2014, 50, 11536-11539.	4.1	17
76	The regulation of $\beta_2$ -adrenergic receptor-mediated PKA activation by substrate stiffness via microtubule dynamics in human MSCs. <i>Biomaterials</i> , 2014, 35, 8348-8356.	11.4	13
77	Matrix softness regulates plasticity of tumour-repopulating cells via H3K9 demethylation and Sox2 expression. <i>Nature Communications</i> , 2014, 5, 4619.	12.8	162
78	RhoA and Membrane Fluidity Mediates the Spatially Polarized Src/FAK Activation in Response to Shear Stress. <i>Scientific Reports</i> , 2014, 4, 7008.	3.3	38
79	FAK and paxillin dynamics at focal adhesions in the protrusions of migrating cells. <i>Scientific Reports</i> , 2014, 4, 6024.	3.3	152
80	Decipher the dynamic coordination between enzymatic activity and structural modulation at focal adhesions in living cells. <i>Scientific Reports</i> , 2014, 4, 5756.	3.3	14
81	Genetically Encoded Fluorescent Biosensors for Live-Cell Imaging of MT1-MMP Protease Activity. <i>Methods in Molecular Biology</i> , 2014, 1071, 163-174.	0.9	6
82	Mechanical Loading in Osteocytes Induces Formation of a Src/Pyk2/MBD2 Complex That Suppresses Anabolic Gene Expression. <i>PLoS ONE</i> , 2014, 9, e97942.	2.5	17
83	Prolonged Mechanical Stretch Initiates Intracellular Calcium Oscillations in Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2014, 9, e109378.	2.5	25
84	Antagonism between binding site affinity and conformational dynamics tunes alternative cis-interactions within Shp2. <i>Nature Communications</i> , 2013, 4, 2037.	12.8	38
85	FRET imaging of calcium signaling in live cells in the microenvironment. <i>Integrative Biology (United Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.3	4
86	The antagonistic roles of PDGF and integrin $\beta_3$ in regulating ROS production at focal adhesions. <i>Biomaterials</i> , 2013, 34, 3807-3815.	11.4	18
87	N-cadherin regulates spatially polarized signals through distinct p120ctn and $\beta$ -catenin-dependent signalling pathways. <i>Nature Communications</i> , 2013, 4, 1589.	12.8	52
88	Intravital FLIM-FRET Imaging Reveals Dasatinib-Induced Spatial Control of Src in Pancreatic Cancer. <i>Cancer Research</i> , 2013, 73, 4674-4686.	0.9	111
89	Mechanotransduction at focal adhesions: from physiology to cancer development. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 597-604.	3.6	58
90	Distinct biophysical mechanisms of focal adhesion kinase mechanoactivation by different extracellular matrix proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19372-19377.	7.1	155

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91	Quantitative FRET Imaging to Visualize the Invasiveness of Live Breast Cancer Cells. PLoS ONE, 2013, 8, e58569.	2.5	31
92	The Effect of Differentiation Induction on FAK and Src Activity in Live HMSCs Visualized by FRET. PLoS ONE, 2013, 8, e72233.	2.5	10
93	Dispersion-Relation Fluorescence Spectroscopy. Physical Review Letters, 2012, 109, 188104.	7.8	9
94	Ultrasonic stimulation of single bovine aortic endothelial cells at 1GHz. , 2012, , .		0
95	Molecular signaling in live cells studied by FRET. , 2012, , .		0
96	Cellular and Molecular Bioengineering: A Tipping Point. Cellular and Molecular Bioengineering, 2012, 5, 239-253.	2.1	3
97	Visualization of Src and FAK Activity during the Differentiation Process from HMSCs to Osteoblasts. PLoS ONE, 2012, 7, e42709.	2.5	25
98	VE-cadherin trans-interactions modulate Rac activation and enhancement of lung endothelial barrier by iloprost. Journal of Cellular Physiology, 2012, 227, 3405-3416.	4.1	43
99	Dynamics of focal adhesion kinase and paxillin in lamellipodial protrusion of migrating endothelial cells. FASEB Journal, 2012, 26, 1129.13.	0.5	0
100	Detection of focal adhesion kinase activation at membrane microdomains by fluorescence resonance energy transfer. Nature Communications, 2011, 2, 406.	12.8	107
101	Computational Analysis of the Spatiotemporal Coordination of Polarized PI3K and Rac1 Activities in Micro-Patterned Live Cells. PLoS ONE, 2011, 6, e21293.	2.5	22
102	Calcium Signaling in Live Cells on Elastic Gels under Mechanical Vibration at Subcellular Levels. PLoS ONE, 2011, 6, e26181.	2.5	33
103	Phase Differential Enhancement of FLIM to Distinguish FRET Components of a Biosensor for Monitoring Molecular Activity of Membrane Type 1 Matrix Metalloproteinase in Live Cells. Journal of Fluorescence, 2011, 21, 1763-1777.	2.5	7
104	Live Cell Imaging of Src/FAK Signaling by FRET. Cellular and Molecular Bioengineering, 2011, 4, 138-147.	2.1	15
105	Editorial Note: Molecular Imaging and Mechanobiology. Cellular and Molecular Bioengineering, 2011, 4, 123-124.	2.1	3
106	Bone Physiology, Biomaterial and the Effect of Mechanical/Physical Microenvironment on Mesenchymal Stem Cell Osteogenesis. Cellular and Molecular Bioengineering, 2011, 4, 579-590.	2.1	22
107	A FRET-Based Biosensor for Imaging SYK Activities in Living Cells. Cellular and Molecular Bioengineering, 2011, 4, 670-677.	2.1	15
108	Editorial Note for the Special Issue in Honor of Professor Shu Chien's 80th Birthday. Cellular and Molecular Bioengineering, 2011, 4, 505-506.	2.1	0

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109	Two distinct phases of calcium signalling under flow. <i>Cardiovascular Research</i> , 2011, 91, 124-133.	3.8	48
110	Molecular signaling observer and predictor: A framework for closed-loop control of cell behaviors having long time delay. , 2011, , .		1
111	Micro/nano-fabrication technologies for cell biology. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 1023-1032.	2.8	57
112	A Femtomol Range FRET Biosensor Reports Exceedingly Low Levels of Cell Surface Furin: Implications for the Processing of Anthrax Protective Antigen. <i>PLoS ONE</i> , 2010, 5, e11305.	2.5	10
113	Simultaneous Visualization of Protumorigenic Src and MT1-MMP Activities with Fluorescence Resonance Energy Transfer. <i>Cancer Research</i> , 2010, 70, 2204-2212.	0.9	102
114	Live cell imaging of mechanotransduction. <i>Journal of the Royal Society Interface</i> , 2010, 7, S365-75.	3.4	22
115	Fluorescence Resonance Energy Transfer Biosensors for Cancer Detection and Evaluation of Drug Efficacy. <i>Clinical Cancer Research</i> , 2010, 16, 3822-3824.	7.0	46
116	Rapid Activation of Rac GTPase in Living Cells by Force Is Independent of Src. <i>PLoS ONE</i> , 2009, 4, e7886.	2.5	73
117	Plectin contributes to mechanical properties of living cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C868-C877.	4.6	45
118	Substrate rigidity regulates Ca <sup>2+</sup> oscillation via RhoA pathway in stem cells. <i>Journal of Cellular Physiology</i> , 2009, 218, 285-293.	4.1	128
119	Shear Stress Regulates the Flk-1/Cbl/PI3K/NF- $\kappa$ B Pathway Via Actin and Tyrosine Kinases. <i>Cellular and Molecular Bioengineering</i> , 2009, 2, 341-350.	2.1	21
120	Visualizing the Effect of Microenvironment on the Spatiotemporal RhoA and Src Activities in Living Cells by FRET. <i>Small</i> , 2009, 5, 1453-1459.	10.0	5
121	Visualization of Src Activity at Different Compartments of the Plasma Membrane by FRET Imaging. <i>Chemistry and Biology</i> , 2009, 16, 48-57.	6.0	76
122	FRET and mechanobiology. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 565-573.	1.3	36
123	Application of FRET biosensors and computational analysis for live cell imaging. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
124	Fluorescence Proteins, Live-Cell Imaging, and Mechanobiology: Seeing Is Believing. <i>Annual Review of Biomedical Engineering</i> , 2008, 10, 1-38.	12.3	273
125	Fluorescence Live-Cell Imaging: Principles and Applications in Mechanobiology. , 2008, , 65-84.		1
126	The Spatiotemporal Pattern of Src Activation at Lipid Rafts Revealed by Diffusion-Corrected FRET Imaging. <i>PLoS Computational Biology</i> , 2008, 4, e1000127.	3.2	64

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127	Visualization of Polarized Membrane Type 1 Matrix Metalloproteinase Activity in Live Cells by Fluorescence Resonance Energy Transfer Imaging. <i>Journal of Biological Chemistry</i> , 2008, 283, 17740-17748.	3.4	78
128	Rapid signal transduction in living cells is a unique feature of mechanotransduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6626-6631.	7.1	383
129	Determination of hierarchical relationship of Src and Rac at subcellular locations with FRET biosensors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14353-14358.	7.1	164
130	The application of FRET biosensors to visualize Src activation. , 2008, , .		0
131	Differential RhoA Dynamics in Migratory and Stationary Cells Measured by FRET and Automated Image Analysis. <i>PLoS ONE</i> , 2008, 3, e4082.	2.5	9
132	Analysis of Integrin Signaling by Fluorescence Resonance Energy Transfer. <i>Methods in Enzymology</i> , 2007, 426, 177-201.	1.0	13
133	Selective adapter recruitment and differential signaling networks by VEGF vs. shear stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8875-8879.	7.1	42
134	<title>On the way to subcellular imaging of mechanotransduction in the developing vasculature</title>. , 2007, , .		0
135	Laser Tweezers in the Study of Mechanobiology in Live Cells. <i>Methods in Cell Biology</i> , 2007, 82, 497-523.	1.1	8
136	Roles of microfilaments and microtubules in paxillin dynamics. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1463-1471.	2.1	15
137	Integrins regulate VE-cadherin and catenins: Dependence of this regulation on Src, but not on Ras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1774-1779.	7.1	91
138	Roles of cytoskeleton in the localization and tyrosine phosphorylation of paxillin in endothelial cells. <i>FASEB Journal</i> , 2006, 20, A1167.	0.5	0
139	Visualizing the mechanical activation of Src. <i>Nature</i> , 2005, 434, 1040-1045.	27.8	632
140	Effects of Flow Patterns on the Localization and Expression of VE-Cadherin at Vascular Endothelial Cell Junctions: In vivo and in vitro Investigations. <i>Journal of Vascular Research</i> , 2005, 42, 77-89.	1.4	133
141	Shear stress and VEGF activate IKK via the Flk-1/Cbl/Akt signaling pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H685-H692.	3.2	55
142	Shear stress-induced c-fos activation is mediated by Rho in a calcium-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 548-555.	2.1	28
143	The role of the dynamics of focal adhesion kinase in the mechanotaxis of endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3546-3551.	7.1	256
144	Interplay between integrins and FLK-1 in shear stress-induced signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1540-C1547.	4.6	117

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145	Role of Cbl in Shear-Activation of PI 3-Kinase and JNK in Endothelial Cells. Biochemical and Biophysical Research Communications, 2002, 292, 892-899.	2.1	24
146	Nanotechnologies and FRET imaging in live cells. , 0, , 3-14.		0