

# Yu Xin Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

2,972  
citations

25  
h-index

51  
g-index

51  
ext. papers

3,682  
ext. citations

10.2  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
47	Primary cilia on muscle stem cells are critical to maintain regenerative capacity and are lost during aging.. <i>Nature Communications</i> , <b>2022</b> , 13, 1439	17.4	1
46	AP-1 is a temporally regulated dual gatekeeper of reprogramming to pluripotency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
45	Inhibition of prostaglandin-degrading enzyme 15-PGDH rejuvenates aged muscle mass and strength. <i>Science</i> , <b>2021</b> , 371,	33.3	36
44	Biophysical matrix cues from the regenerating niche direct muscle stem cell fate in engineered microenvironments. <i>Biomaterials</i> , <b>2021</b> , 275, 120973	15.6	4
43	Reversing aging for heart repair. <i>Science</i> , <b>2021</b> , 373, 1439-1440	33.3	2
42	Thermo-responsive injectable naringin-loaded hydrogel polymerised sodium alginate/bioglass delivery for articular cartilage. <i>Drug Delivery</i> , <b>2021</b> , 28, 1290-1300	7	6
41	EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. <i>Cell Stem Cell</i> , <b>2019</b> , 24, 419-432.e6	18	52
40	Glucose Metabolism Drives Histone Acetylation Landscape Transitions that Dictate Muscle Stem Cell Function. <i>Cell Reports</i> , <b>2019</b> , 27, 3939-3955.e6	10.6	46
39	Single EDL Myofiber Isolation for Analyses of Quiescent and Activated Muscle Stem Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1686, 149-159	1.4	11
38	Improved anchoring nails: design and analysis of resistance ability : Tensile test and finite element analysis (FEA) of improved anchoring nails used in temporomandibular joint (TMJ) disc anchor. <i>BMC Oral Health</i> , <b>2018</b> , 18, 150	3.7	2
37	Macrophages rescue injured engineered muscle. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 890-891	19	1
36	Primary Mouse Myoblast Purification using Magnetic Cell Separation. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1556, 41-50	1.4	10
35	Prostaglandin E2 is essential for efficacious skeletal muscle stem-cell function, augmenting regeneration and strength. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6675-6684	11.5	94
34	Intrinsic and extrinsic mechanisms regulating satellite cell function. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 1572-81	6.6	271
33	Dystrophin expression in muscle stem cells regulates their polarity and asymmetric division. <i>Nature Medicine</i> , <b>2015</b> , 21, 1455-63	50.5	294
32	Muscle stem cells at a glance. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 4543-8	5.3	73
31	Wnt7a stimulates myogenic stem cell motility and engraftment resulting in improved muscle strength. <i>Journal of Cell Biology</i> , <b>2014</b> , 205, 97-111	7.3	104

30	Skeletal Muscle Remodeling and Regeneration <b>2014</b> , 567-579		0
29	Cellular dynamics in the muscle satellite cell niche. <i>EMBO Reports</i> , <b>2013</b> , 14, 1062-72	6.5	217
28	Fibronectin regulates Wnt7a signaling and satellite cell expansion. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 75-87	18	228
27	The emerging biology of muscle stem cells: implications for cell-based therapies. <i>BioEssays</i> , <b>2013</b> , 35, 231-41	4.1	38
26	Molecular regulation of determination in asymmetrically dividing muscle stem cells. <i>Cell Cycle</i> , <b>2013</b> , 12, 3-4	4.7	4
25	Treating muscular dystrophy by stimulating intrinsic repair. <i>Regenerative Medicine</i> , <b>2013</b> , 8, 237-40	2.5	5
24	Building muscle: molecular regulation of myogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2012</b> , 4,	10.2	590
23	Carm1 regulates Pax7 transcriptional activity through MLL1/2 recruitment during asymmetric satellite stem cell divisions. <i>Cell Stem Cell</i> , <b>2012</b> , 11, 333-45	18	135
22	Satellite cells, the engines of muscle repair. <i>Nature Reviews Molecular Cell Biology</i> , <b>2011</b> , 13, 127-33	48.7	283
21	Vasodilator effects of organotransition-metal nitrosyl complexes, novel nitric oxide donors. <i>Journal of Cardiovascular Pharmacology</i> , <b>2000</b> , 35, 73-7	3.1	28
20	Bilateral kidney ligation abolishes pressor response to N(G)-nitro-D-arginine. <i>European Journal of Pharmacology</i> , <b>1999</b> , 366, 175-9	5.3	2
19	Increase by NG-nitro-L-arginine methyl ester (L-NAME) of resistance to venous return in rats. <i>British Journal of Pharmacology</i> , <b>1995</b> , 114, 1454-8	8.6	46
18	Vascular pharmacology of methylene blue in vitro and in vivo: a comparison with NG-nitro-L-arginine and diphenylethylidenehydrazine. <i>British Journal of Pharmacology</i> , <b>1995</b> , 114, 194-202	8.6	19
17	NG-nitro-L-arginine contracts vascular smooth muscle by an endothelium-independent mechanism. <i>Journal of Cardiovascular Pharmacology</i> , <b>1994</b> , 24, 59-63	3.1	10
16	Effects of adrenalectomy and chemical sympathectomy on pressor and tachycardic responses to diphenylethylidenehydrazine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1994</b> , 269, 463-9	4.7	1
15	Endothelium-derived nitric oxide partially mediates salbutamol-induced vasodilatations. <i>European Journal of Pharmacology</i> , <b>1993</b> , 250, 335-40	5.3	20
14	Suppression by ethanol of pressor response caused by the inhibition of nitric oxide synthesis. <i>European Journal of Pharmacology</i> , <b>1993</b> , 233, 275-8	5.3	8
13	A comparison of the inhibitory effects of sodium nitroprusside, pinacidil and nifedipine on pressor response to NG-nitro-L-arginine. <i>British Journal of Pharmacology</i> , <b>1993</b> , 108, 398-404	8.6	8

12	Halothane inhibits the pressor effect of diphenyleiodonium. <i>British Journal of Pharmacology</i> , <b>1993</b> , 109, 1186-91	8.6	14
11	Inhibitory actions of diphenyleiodonium on endothelium-dependent vasodilatations in vitro and in vivo. <i>British Journal of Pharmacology</i> , <b>1993</b> , 110, 1232-8	8.6	30
10	Selective inhibition of pressor and haemodynamic effects of NG-nitro-L-arginine by halothane. <i>Journal of Cardiovascular Pharmacology</i> , <b>1993</b> , 22, 571-8	3.1	3
9	Functional integrity of the central and sympathetic nervous systems is a prerequisite for pressor and tachycardic effects of diphenyleiodonium, a novel inhibitor of nitric oxide synthase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1993</b> , 265, 263-72	4.7	46
8	Vascular pharmacodynamics of NG-nitro-L-arginine methyl ester in vitro and in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1993</b> , 267, 1091-9	4.7	34
7	In vitro and ex vivo inhibitory effects of L- and D-enantiomers of NG-nitro-arginine on endothelium-dependent relaxation of rat aorta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1993</b> , 265, 112-9	4.7	29
6	Actions of lead on transmitter release at mouse motor nerve terminals. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1991</b> , 419, 274-80	4.6	9
5	Possible dependence of pressor and heart rate effects of NG-nitro-L-arginine on autonomic nerve activity. <i>British Journal of Pharmacology</i> , <b>1991</b> , 103, 2004-8	8.6	30
4	Effects of inhalation and intravenous anesthetic agents on pressor response to NG-nitro-L-arginine. <i>European Journal of Pharmacology</i> , <b>1991</b> , 198, 183-8	5.3	37
3	Pressor effects of L and D enantiomers of NG-nitro-arginine in conscious rats are antagonized by L- but not D-arginine. <i>European Journal of Pharmacology</i> , <b>1991</b> , 200, 77-81	5.3	25
2	Multiple actions of zinc on transmitter release at mouse end-plates. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1990</b> , 415, 582-7	4.6	27
1	Pressor effect of NG-nitro-L-arginine in pentobarbital-anesthetized rats. <i>Life Sciences</i> , <b>1990</b> , 47, 2217-246.8		36