

Shi-Yu Yang

List of Publications by Citations

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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.

52
papers

5,387
citations

29
h-index

53
g-index

53
ext. papers

5,705
ext. citations

5.2
avg, IF

4.76
L-index

#	Paper	IF	Citations
52	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.	11.2	2783
51	Liver ischemia/reperfusion injury: processes in inflammatory networks--a review. <i>Liver Transplantation</i> , 2010 , 16, 1016-32	4.5	255
50	Cloning and characterization of an IGF-1 isoform expressed in skeletal muscle subjected to stretch. <i>Journal of Muscle Research and Cell Motility</i> , 1996 , 17, 487-95	3.5	233
49	Different roles of the IGF-I Ec peptide (MGF) and mature IGF-I in myoblast proliferation and differentiation. <i>FEBS Letters</i> , 2002 , 522, 156-60	3.8	231
48	Expression of insulin growth factor-1 splice variants and structural genes in rabbit skeletal muscle induced by stretch and stimulation. <i>Journal of Physiology</i> , 1999 , 516 (Pt 2), 583-92	3.9	209
47	Age-related loss of skeletal muscle function and the inability to express the autocrine form of insulin-like growth factor-1 (MGF) in response to mechanical overload. <i>FEBS Letters</i> , 2001 , 505, 259-63	3.8	170
46	Modern surgical management of peripheral nerve gap. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010 , 63, 1941-8	1.7	118
45	Identification of Ankrd2, a novel skeletal muscle gene coding for a stretch-responsive ankyrin-repeat protein. <i>Genomics</i> , 2000 , 66, 229-41	4.3	109
44	Mechanical signals and IGF-I gene splicing in vitro in relation to development of skeletal muscle. <i>Journal of Cellular Physiology</i> , 2005 , 202, 67-75	7	95
43	Dual role of autophagy in colon cancer cell survival. <i>Annals of Surgical Oncology</i> , 2011 , 18 Suppl 3, S239	3.1	84
42	The IGF-I splice variant MGF increases progenitor cells in ALS, dystrophic, and normal muscle. <i>FEBS Letters</i> , 2007 , 581, 2727-32	3.8	76
41	Apoptosis and colorectal cancer: implications for therapy. <i>Trends in Molecular Medicine</i> , 2009 , 15, 225-33	11.5	70
40	The nitric oxide pathway--evidence and mechanisms for protection against liver ischaemia reperfusion injury. <i>Liver International</i> , 2012 , 32, 531-43	7.9	60
39	Recent advances in artificial nerve conduit design: strategies for the delivery of luminal fillers. <i>Journal of Controlled Release</i> , 2011 , 156, 2-10	11.7	55
38	Mechano-growth factor reduces loss of cardiac function in acute myocardial infarction. <i>Heart Lung and Circulation</i> , 2008 , 17, 33-9	1.8	52
37	Different levels of neuroprotection by two insulin-like growth factor-I splice variants. <i>Brain Research</i> , 2004 , 1009, 213-8	3.7	51
36	Role of endothelial nitric oxide synthase in remote ischemic preconditioning of the mouse liver. <i>Liver Transplantation</i> , 2011 , 17, 610-9	4.5	50

35	Near-infrared quantum dots for HER2 localization and imaging of cancer cells. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1323-37	7.3	44
34	Purinoreceptor expression in regenerating skeletal muscle in the mdx mouse model of muscular dystrophy and in satellite cell cultures. <i>FASEB Journal</i> , 2004 , 18, 1404-6	0.9	43
33	A Human Neural Crest Stem Cell-Derived Dopaminergic Neuronal Model Recapitulates Biochemical Abnormalities in GBA1 Mutation Carriers. <i>Stem Cell Reports</i> , 2017 , 8, 728-742	8	42
32	Nitric oxide is an essential mediator of the protective effects of remote ischaemic preconditioning in a mouse model of liver ischaemia/reperfusion injury. <i>Clinical Science</i> , 2011 , 121, 257-66	6.5	40
31	Mechano-growth factor, an IGF-I splice variant, rescues motoneurons and improves muscle function in SOD1(G93A) mice. <i>Experimental Neurology</i> , 2009 , 215, 281-9	5.7	40
30	Effect of remote ischemic preconditioning on liver ischemia/reperfusion injury using a new mouse model. <i>Liver Transplantation</i> , 2011 , 17, 70-82	4.5	36
29	Endothelin-1 stimulates colon cancer adjacent fibroblasts. <i>International Journal of Cancer</i> , 2012 , 130, 1264-72	7.5	35
28	Pretreatment with insulin-like growth factor I protects skeletal muscle cells against oxidative damage via PI3K/Akt and ERK1/2 MAPK pathways. <i>Laboratory Investigation</i> , 2010 , 90, 391-401	5.9	32
27	Growth Factors and their receptors in cancer metastases. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 531-8	2.8	31
26	Expression of Ankrd2 in fast and slow muscles and its response to stretch are consistent with a role in slow muscle function. <i>Journal of Applied Physiology</i> , 2005 , 98, 2337-43; discussion 2320	3.7	31
25	The splicing of the IGF-I gene to yield different muscle growth factors. <i>Advances in Genetics</i> , 2004 , 52, 23-49	3.3	30
24	Novel POSS-PCU Nanocomposite Material as a Biocompatible Coating for Quantum Dots. <i>Bioconjugate Chemistry</i> , 2015 , 26, 2384-96	6.3	29
23	Inhibition of the p38 MAPK pathway sensitises human colon cancer cells to 5-fluorouracil treatment. <i>International Journal of Oncology</i> , 2011 , 38, 1695-702	4.4	27
22	Nerve regeneration with aid of nanotechnology and cellular engineering. <i>Biotechnology and Applied Biochemistry</i> , 2011 , 58, 288-300	2.8	27
21	Functional blocking of specific integrins inhibit colonic cancer migration. <i>Clinical and Experimental Metastasis</i> , 2009 , 26, 769-80	4.7	20
20	Effects of activity on growth factor expression. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001 , 11 Suppl, S21-7	4.4	18
19	Glucocerebrosidase activity, cathepsin D and monomeric β -synuclein interactions in a stem cell derived neuronal model of a PD associated GBA1 mutation. <i>Neurobiology of Disease</i> , 2020 , 134, 104620	7.5	18
18	Peptide Vaccine Therapy in Colorectal Cancer. <i>Vaccines</i> , 2012 , 1, 1-16	5.3	17

17	Insulin-like growth factor-1 gene splice variants as markers of muscle damage in levator ani muscle after the first vaginal delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 64-70	6.4	17
16	Increased apoptosis and decreased proliferation of colorectal cancer cells using insulin-like growth factor binding protein-4 gene delivered locally by gene transfer. <i>Colorectal Disease</i> , 2007 , 9, 625-31	2.1	16
15	In vivo models for early development of colorectal liver metastasis. <i>International Journal of Experimental Pathology</i> , 2008 , 89, 1-12	2.8	13
14	In vivo factors influencing tumour M2-pyruvate kinase level in human pancreatic cancer cell lines. <i>Tumor Biology</i> , 2010 , 31, 69-77	2.9	12
13	Principles and applications of gene therapy in colon cancer. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2008 , 17, 59-67	1.4	12
12	The hepatic soluble guanylyl cyclase-cyclic guanosine monophosphate pathway mediates the protection of remote ischemic preconditioning on the microcirculation in liver ischemia-reperfusion injury. <i>Transplantation</i> , 2012 , 93, 880-6	1.8	11
11	Inducing apoptosis of human colon cancer cells by an IGF-I D domain analogue peptide. <i>Molecular Cancer</i> , 2008 , 7, 17	42.1	10
10	IGF-I activates caspases 3/7, 8 and 9 but does not induce cell death in colorectal cancer cells. <i>BMC Cancer</i> , 2009 , 9, 158	4.8	9
9	An in vivo rat model for early development of colorectal cancer metastasis to liver. <i>International Journal of Experimental Pathology</i> , 2008 , 89, 447-57	2.8	8
8	Mechano-growth Factor Expression in Colorectal Cancer Investigated With Fluorescent Gold Nanoparticles. <i>Anticancer Research</i> , 2019 , 39, 1705-1710	2.3	5
7	Remote ischemic preconditioning by hindlimb occlusion prevents liver ischemic/reperfusion injury. <i>Annals of Surgery</i> , 2011 , 254, 178-80	7.8	4
6	Investigation of MGF mRNA expression in patients with amyotrophic lateral sclerosis using parallel in vivo and in vitro approaches. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2010 , 11, 172-7		3
5	The igf system in carcinogenesis and its implication for cancer therapy. <i>Current Oncology</i> , 2011 , 18, 301-2.8		2
4	Ambroxol reverses tau and Synuclein accumulation in a cholinergic N370S GBA1 mutation model.. <i>Human Molecular Genetics</i> , 2022 ,	5.6	2
3	Corrigendum to: Different roles of the IGF-I Ec peptide (MGF) and mature IGF-I in myoblast proliferation and differentiation [FEBS Lett. 522 (2002) 156-160]. <i>FEBS Letters</i> , 2006 , 580, 2530-2530	3.8	1
2	Chapter 7 Gene expression associated with muscle adaptation in response to physical signals. <i>Cell and Molecular Response To Stress</i> , 2001 , 87-96		1
1	Apoptosis in Colorectal Tumorigenesis and Chemotherapy 2009 , 75-109		