

Shi-Yu Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1685598/publications.pdf>

Version: 2024-02-01

53
papers

6,147
citations

159573

30
h-index

175241

52
g-index

53
all docs

53
docs citations

53
times ranked

12893
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Liver ischemia/reperfusion injury: Processes in inflammatory networks-A review. <i>Liver Transplantation</i> , 2010, 16, 1016-1032.	2.4	296
3	Different roles of the IGF-1 peptide (MGF) and mature IGF-1 in myoblast proliferation and differentiation. <i>FEBS Letters</i> , 2002, 522, 156-160.	2.8	267
4	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, 487-495.	2.0	261
5	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, 583-592.	2.9	238
6	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, 259-263.	2.8	194
7	Modern surgical management of peripheral nerve gap. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010, 63, 1941-1948.	1.0	141
8	Identification of Ankrd2, a Novel Skeletal Muscle Gene Coding for a Stretch-Responsive Ankyrin-Repeat Protein. <i>Genomics</i> , 2000, 66, 229-241.	2.9	115
9	Mechanical signals and IGF-1 gene splicing in vitro in relation to development of skeletal muscle. <i>Journal of Cellular Physiology</i> , 2005, 202, 67-75.	4.1	102
10	Apoptosis and colorectal cancer: implications for therapy. <i>Trends in Molecular Medicine</i> , 2009, 15, 225-233.	6.7	89
11	The IGF-1 splice variant MGF increases progenitor cells in ALS, dystrophic, and normal muscle. <i>FEBS Letters</i> , 2007, 581, 2727-2732.	2.8	86
12	Dual Role of Autophagy in Colon Cancer Cell Survival. <i>Annals of Surgical Oncology</i> , 2011, 18, 239-239.	1.5	86
13	The nitric oxide pathway – evidence and mechanisms for protection against liver ischaemia reperfusion injury. <i>Liver International</i> , 2012, 32, 531-543.	3.9	75
14	Recent advances in artificial nerve conduit design: Strategies for the delivery of luminal fillers. <i>Journal of Controlled Release</i> , 2011, 156, 2-10.	9.9	63
15	Mechano-Growth Factor Reduces Loss of Cardiac Function in Acute Myocardial Infarction. <i>Heart Lung and Circulation</i> , 2008, 17, 33-39.	0.4	58
16	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.	4.8	57
17	Role of endothelial nitric oxide synthase in remote ischemic preconditioning of the mouse liver. <i>Liver Transplantation</i> , 2011, 17, 610-619.	2.4	56
18	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, 1404-1406.	0.5	53

#	ARTICLE	IF	CITATIONS
19	Different levels of neuroprotection by two insulin-like growth factor-I splice variants. <i>Brain Research</i> , 2004, 1009, 213-218.	2.2	53
20	Near-infrared quantum dots for HER2 localization and imaging of cancer cells. <i>International Journal of Nanomedicine</i> , 2014, 9, 1323.	6.7	50
21	Mechano-growth factor, an IGF-I splice variant, rescues motoneurons and improves muscle function in SOD1G93A mice. <i>Experimental Neurology</i> , 2009, 215, 281-289.	4.1	46
22	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, 257-266.	4.3	44
23	Glucocerebrosidase activity, cathepsin D and monomeric α -synuclein interactions in a stem cell derived neuronal model of a PD associated GBA1 mutation. <i>Neurobiology of Disease</i> , 2020, 134, 104620.	4.4	42
24	Endothelin-1 stimulates colon cancer adjacent fibroblasts. <i>International Journal of Cancer</i> , 2012, 130, 1264-1272.	5.1	41
25	Effect of remote ischemic preconditioning on liver ischemia/reperfusion injury using a new mouse model. <i>Liver Transplantation</i> , 2011, 17, 70-82.	2.4	40
26	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.	3.7	39
27	Growth Factors and their receptors in cancer metastases. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 531.	3.0	37
28	The Splicing of the IGF-I Gene to Yield Different Muscle Growth Factors. <i>Advances in Genetics</i> , 2004, 52, 23-49.	1.8	35
29	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.	3.3	34
30	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, 2337-2343.	2.5	33
31	Nerve regeneration with aid of nanotechnology and cellular engineering. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 288-300.	3.1	31
32	Novel POSS-PCU Nanocomposite Material as a Biocompatible Coating for Quantum Dots. <i>Bioconjugate Chemistry</i> , 2015, 26, 2384-2396.	3.6	30
33	Peptide Vaccine Therapy in Colorectal Cancer. <i>Vaccines</i> , 2013, 1, 1-16.	4.4	26
34	Functional blocking of specific integrins inhibit colonic cancer migration. <i>Clinical and Experimental Metastasis</i> , 2009, 26, 769-780.	3.3	24
35	Effects of Activity on Growth Factor Expression. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001, 11, S21-S27.	2.1	23
36	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.	1.3	21

#	ARTICLE	IF	CITATIONS
37	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, 625-631.	1.4	18
38	Inducing apoptosis of human colon cancer cells by an IGF-I D domain analogue peptide. <i>Molecular Cancer</i> , 2008, 7, 17.	19.2	16
39	<i>In vivo</i> models for early development of colorectal liver metastasis. <i>International Journal of Experimental Pathology</i> , 2008, 89, 1-12.	1.3	14
40	In vivo factors influencing tumour M2-pyruvate kinase level in human pancreatic cancer cell lines. <i>Tumor Biology</i> , 2010, 31, 69-77.	1.8	13
41	Principles and applications of gene therapy in colon cancer. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2008, 17, 59-67.	0.9	13
42	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, 880-886.	1.0	12
43	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.	2.6	10
44	Ambroxol reverses tau and β -synuclein accumulation in a cholinergic N370S <i>GBA1</i> mutation model. <i>Human Molecular Genetics</i> , 2022, 31, 2396-2405.	2.9	10
45	An <i>in vivo</i> rat model for early development of colorectal cancer metastasis to liver. <i>International Journal of Experimental Pathology</i> , 2008, 89, 447-457.	1.3	8
46	Mechano-growth Factor Expression in Colorectal Cancer Investigated With Fluorescent Gold Nanoparticles. <i>Anticancer Research</i> , 2019, 39, 1705-1710.	1.1	8
47	Remote Ischemic Preconditioning by Hindlimb Occlusion Prevents Liver Ischemic/Reperfusion Injury. <i>Annals of Surgery</i> , 2011, 254, 178-180.	4.2	5
48	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, 172-177.	2.1	4
49	Corrigendum to: "Different roles of the IGF-I E _c 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.	2.8	3
50	The igf System in Carcinogenesis and Its Implication for Cancer Therapy. <i>Current Oncology</i> , 2011, 18, 301-302.	2.2	2
51	Roles of calpain in the apoptosis of <i>Eimeria tenella</i> host cells at the middle and late developmental stages. <i>Parasitology Research</i> , 2022, 121, 1639-1649.	1.6	2
52	Chapter 7 Gene expression associated with muscle adaptation in response to physical signals. <i>Cell and Molecular Response To Stress</i> , 2001, , 87-96.	0.4	1
53	Apoptosis in Colorectal Tumorigenesis and Chemotherapy. , 2009, , 75-109.		0