

Shih-Liang Chang

List of Publications by Year in descending order

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papers

793
citations

516710

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501196

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38
docs citations

38
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578
citing authors

#	ARTICLE	IF	CITATIONS
1	An insulin-dependent hypoglycaemia induced by electroacupuncture at the Zhongwan (CV12) acupoint in diabetic rats. <i>Diabetologia</i> , 1999, 42, 250-255.	6.3	138
2	Enhanced insulin sensitivity using electroacupuncture on bilateral Zusanli acupoints (ST 36) in rats. <i>Life Sciences</i> , 2006, 79, 967-971.	4.3	70
3	Acute effect of electroacupuncture at the Zusanli acupoints on decreasing insulin resistance as shown by lowering plasma free fatty acid levels in steroid-background male rats. <i>BMC Complementary and Alternative Medicine</i> , 2009, 9, 26.	3.7	56
4	Involvement of serotonin in the hypoglycemic response to 2Hz electroacupuncture of zusanli acupoint (ST36) in rats. <i>Neuroscience Letters</i> , 2005, 379, 69-73.	2.1	49
5	Release of β -endorphin from adrenal gland to lower plasma glucose by the electroacupuncture at Zhongwan acupoint in rats. <i>Neuroscience Letters</i> , 2002, 326, 17-20.	2.1	38
6	A combined therapy using stimulating auricular acupoints enhances lower-level atropine eyedrops when used for myopia control in school-aged children evaluated by a pilot randomized controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2008, 16, 305-310.	2.7	38
7	Multiple sources of endogenous opioid peptide involved in the hypoglycemic response to 15 Hz electroacupuncture at the Zhongwan acupoint in rats. <i>Neuroscience Letters</i> , 2004, 366, 39-42.	2.1	34
8	Electroacupuncture at the Zusanli (ST-36) Acupoint Induces a Hypoglycemic Effect by Stimulating the Cholinergic Nerve in a Rat Model of Streptozotocine-Induced Insulin-Dependent Diabetes Mellitus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-6.	1.2	33
9	Electroacupuncture improves glucose tolerance through cholinergic nerve and nitric oxide synthase effects in rats. <i>Neuroscience Letters</i> , 2011, 494, 114-118.	2.1	29
10	Single-Blinded, Randomised Preliminary Study Evaluating the Effects of 2 Hz Electroacupuncture for Postoperative Pain in Patients with Total Knee Arthroplasty. <i>Acupuncture in Medicine</i> , 2015, 33, 284-288.	1.0	25
11	Peroxisome proliferator-activated receptor activating hypoglycemic effect of <i>Gardenia jasminoides</i> Ellis aqueous extract and improvement of insulin sensitivity in steroid induced insulin resistant rats. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 30.	3.7	24
12	Electroacupuncture plus Metformin Lowers Glucose Levels and Facilitates Insulin Sensitivity by Activating Mapk in Steroid-Induced Insulin-Resistant Rats. <i>Acupuncture in Medicine</i> , 2015, 33, 388-394.	1.0	23
13	Electroacupuncture and Rosiglitazone Combined Therapy as a Means of Treating Insulin Resistance and Type 2 Diabetes Mellitus: A Randomized Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	20
14	Electrical stimulation improves peripheral nerve regeneration in streptozotocin-induced diabetic rats. <i>Journal of Trauma</i> , 2012, 72, 199-205.	2.3	19
15	Extracts of <i>Cordyceps militaris</i> Lower Blood Glucose via the Stimulation of Cholinergic Activation and Insulin Secretion in Normal Rats. <i>Phytotherapy Research</i> , 2012, 26, 1173-1177.	5.8	18
16	Acupoint-Specific, Frequency-Dependent, and Improved Insulin Sensitivity Hypoglycemic Effect of Electroacupuncture Applied to Drug-Combined Therapy Studied by a Randomized Control Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	1.2	18
17	Increase in Plasma Glucose Lowering Action of Rosiglitazone by Electroacupuncture at Bilateral Zusanli Acupoints (ST.36) in Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2009, 2, 147-151.	0.7	17
18	Successful treatment of methemoglobinemia in an elderly couple with severe cyanosis: two case reports. <i>Journal of Medical Case Reports</i> , 2012, 6, 290.	0.8	15

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19	Iodinated Contrast Medium Exposure During Computed Tomography Increase the Risk of Subsequent Development of Thyroid Disorders in Patients Without Known Thyroid Disease. <i>Medicine (United States)</i> , 2019, 98, 1-7.	1.0	15
20	15-Hz Electroacupuncture at St36 Improves Insulin Sensitivity and Reduces Free Fatty Acid Levels in Rats with Chronic Dexamethasone-Induced Insulin Resistance. <i>Acupuncture in Medicine</i> , 2016, 34, 296-301.	1.0	15
21	Transcutaneous electrical nerve stimulation on ST36 and SP6 acupoints prevents hyperglycaemic response during anaesthesia: a randomised controlled trial. <i>European Journal of Anaesthesiology</i> , 2011, 28, 420-426.	1.7	14
22	Electroacupuncture-Induced Cholinergic Nerve Activation Enhances the Hypoglycemic Effect of Exogenous Insulin in a Rat Model of Streptozotocin-Induced Diabetes. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-7.	3.8	13
23	The Involvement of Serotonin in the Hypoglycemic Effects Produced by Administration of the Aqueous Extract of <i>Xylaria nigripes</i> with Steroid-Induced Insulin-Resistant Rats. <i>Phytotherapy Research</i> , 2015, 29, 770-776.	5.8	11
24	Intracellular Signalling Pathways Associated with the Glucose-Lowering Effect of St36 Electroacupuncture in Streptozotocin-Induced Diabetic Rats. <i>Acupuncture in Medicine</i> , 2015, 33, 395-399.	1.0	10
25	Fractionation, characterization and antioxidant activity of exopolysaccharide from fermentation broth of a <i>Xylaria nigripes</i> . <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018, 16, 37-42.	2.7	10
26	Biological Activities of the Polysaccharides Produced from Different Sources of <i>Xylaria nigripes</i> (Ascomycetes), a Chinese Medicinal Fungus. <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 141-150.	1.5	7
27	Effects of Medium Components and Culture Conditions on Mycelial Biomass and the Production of Bioactive Ingredients in Submerged Culture of <i>Xylaria nigripes</i> (Ascomycetes), a Chinese Medicinal Fungus. <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 431-447.	1.5	6
28	Improving insulin resistance with <i>Antrodia cinnamomea</i> mycelium powder to induce a hypoglycemic effect in dexamethasone-induced insulin-resistant rats. <i>Molecular Medicine Reports</i> , 2017, 17, 3260-3266.	2.4	5
29	Carotid duplex parameters to predict long term outcomes of ischemic stroke patients receiving intra-arterial thrombectomy treatment. <i>Medicine (United States)</i> , 2019, 98, e15734.	1.0	5
30	Aqueous Extracts of <i>Cordyceps militaris</i> (Ascomycetes) Lower the Levels of Plasma Glucose by Activating the Cholinergic Nerve in Streptozotocin-Induced Diabetic Rats. <i>International Journal of Medicinal Mushrooms</i> , 2013, 15, 277-286.	1.5	5
31	Electroacupuncture combined with acarbose improves insulin sensitivity via peroxisome proliferator-activated receptor β activation and produces a stronger glucose-lowering effect than acarbose alone in a rat model of steroid-induced insulin resistance. <i>Acupuncture in Medicine</i> , 2020, 38, 335-342.	1.0	3
32	Electroacupuncture at Bilateral ST36 Acupoints: Inducing the Hypoglycemic Effect through Enhancing Insulin Signal Proteins in a Streptozotocin-Induced Rat Model during Isoflurane Anesthesia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	1.2	3
33	The risk factors of diabetic nephropathy in Taiwan, including old age, hypertension and aspirin therapy. <i>International Journal of Diabetes in Developing Countries</i> , 2013, 33, 128-128.	0.8	2
34	Acetylsalicylic acid-like analgesic effects of <i>Trametes versicolor</i> in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110328.	5.6	2
35	Laser-induced carotid artery injury model in the rat for therapeutic agent screening. <i>Lasers in Medical Science</i> , 2012, 27, 593-598.	2.1	1
36	Hypoglycemic Effect of Electroacupuncture Combined with <i>Antrodia cinnamomea</i> in Dexamethasone-Induced Insulin-Resistant Rats. <i>Medical Acupuncture</i> , 2021, 33, 58-64.	0.6	1

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37	Experimental Study of Electroacupuncture Therapy in Diabetes Mellitus. , 2018, , 119-141.		0