

Ju-Tae Sohn

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.

91
papers

667
citations

16
h-index

22
g-index

102
ext. papers

773
ext. citations

3.1
avg. IF

3.94
L-index

#	Paper	IF	Citations
91	Lipid emulsions attenuate the inhibition of carnitine acylcarnitine translocase induced by toxic doses of local anesthetics in rat cardiomyoblasts.. <i>Human and Experimental Toxicology</i> , 2022 , 41, 960327-32	3.4	11065978
90	Anesthetic management of patients with carnitine deficiency or a defect of the fatty acid oxidation pathway: A narrative review.. <i>Medicine (United States)</i> , 2022 , 101, e28853	1.8	0
89	Comment on "Efficacy of lipid emulsion therapy in treating cardiotoxicity from diphenhydramine ingestion: a review and analysis of case reports".. <i>Clinical Toxicology</i> , 2022 , 1	2.9	1
88	Lipid emulsion treatment of cardiotoxicity caused by calcium channel blocker and beta-blocker.. <i>American Journal of Emergency Medicine</i> , 2022 ,	2.9	
87	Lipid Emulsion-mediated Preservation of Acetylcholine-induced Vasodilation During Acute Hyperglycemia. <i>Journal of Neurosurgical Anesthesiology</i> , 2021 , 33, 281	3	
86	Effect of methylene blue treatment on amlodipine toxicity-induced myocardial depression. <i>American Journal of Emergency Medicine</i> , 2021 , 52, 239-239	2.9	
85	Lipid emulsion treatment as an antidote for chloroquine and hydroxychloroquine toxicity. <i>American Journal of Emergency Medicine</i> , 2021 , 42, 258-259	2.9	
84	The Mechanisms Underlying Methylene Blue-Mediated Attenuation of Nitric Oxide-induced Vasodilatation. <i>Journal of Emergency Medicine</i> , 2021 , 60, 679	1.5	
83	The Underlying Mechanism of Lipid Emulsion Treatment as a Nonspecific Antidote to Drug Toxicity. <i>Journal of Emergency Medicine</i> , 2021 , 60, e137-e138	1.5	
82	Effect of lipid emulsion on acute clozapine poisoning-induced QT prolongation. <i>Human and Experimental Toxicology</i> , 2021 , 40, 2237-2239	3.4	
81	Potential mechanisms underlying the effects of lipid emulsion against theophylline-induced toxicity. <i>American Journal of Emergency Medicine</i> , 2021 , 45, 629-630	2.9	
80	Ultrasound-guided central venous catheterization via internal jugular vein in a patient with subcutaneous neck emphysema: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, e04452	0.7	
79	Propofol and sedation in patients with coronavirus disease. <i>American Journal of Emergency Medicine</i> , 2021 , 42, 250	2.9	3
78	Lipid emulsion attenuates extrinsic apoptosis induced by amlodipine toxicity in rat cardiomyoblasts. <i>Human and Experimental Toxicology</i> , 2021 , 40, 695-706	3.4	2
77	Linolenic acid enhances contraction induced by phenylephrine in isolated rat aorta. <i>European Journal of Pharmacology</i> , 2021 , 890, 173662	5.3	1
76	Lipid emulsion treatment of hydroxychloroquine toxicity. <i>Modern Rheumatology</i> , 2021 , 31, 924-925	3.3	
75	Reinforced conservative management of post-dural puncture headache in a patient with a rare case of tethered cord syndrome using an abdominal binder: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, 1215-1219	0.7	

74	Plasma clearance and lipaemic index of lipid emulsion used for lipid emulsion treatment. <i>Annals of Clinical Biochemistry</i> , 2021 , 58, 547-548	2.2	1
73	Letter to "Intralipid infusion at time of embryo transfer in women with history of recurrent implantation failure: A systematic review and meta-analysis". <i>Journal of Obstetrics and Gynaecology Research</i> , 2021 , 47, 3743	1.9	1
72	Comment: The Safety of Continuous Infusion Propofol in Mechanically Ventilated Adults With Coronavirus Disease 2019. <i>Annals of Pharmacotherapy</i> , 2021 , 10600280211043505	2.9	
71	The proper concentrations of dextrose and lidocaine in regenerative injection therapy: study. <i>Korean Journal of Pain</i> , 2021 , 34, 19-26	2.1	1
70	Lipid emulsion treatment of local anesthetic systemic toxicity in pediatric patients.. <i>American Journal of Emergency Medicine</i> , 2021 ,	2.9	
69	Lipofundin MCT/LCT Inhibits Levromakalim-Induced Vasodilation by Inhibiting Endothelial Nitric Oxide Release. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
68	Lipid emulsion treatment of amlodipine toxicity. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020 , 45, 397-398	2.2	1
67	The effect of brief pre-anesthetic exercise therapy of jaw and neck joints on mouth opening, neck extension, and intubation conditions during induction of general anesthesia: a randomized controlled trial. <i>BMC Anesthesiology</i> , 2020 , 20, 28	2.4	
66	Nitric oxide-mediated inhibition of phenylephrine-induced contraction in response to hypothermia is partially modulated by endothelial Rho-kinase. <i>International Journal of Medical Sciences</i> , 2020 , 17, 21-32	3.7	13
65	Lipid Emulsion Treatment for Trazodone Toxicity-Induced Coma. <i>Clinical Neuropharmacology</i> , 2020 , 43, 201	1.4	1
64	Perioperative Management of a Patient with Hypokalemic Periodic Paralysis: A Case Report. <i>Journal of Acute Care Surgery</i> , 2020 , 10, 123-125	0.1	
63	Lipid emulsion treatment for ventricular tachycardia induced by the toxicity of multiple herbs. <i>Clinical and Experimental Emergency Medicine</i> , 2020 , 7, 139-140	1.7	
62	Lipid Emulsion Treatment of Nonlocal Anesthetic Drug Toxicity. <i>American Journal of Therapeutics</i> , 2020 , 28, e742-e746	1	1
61	Early Lipid Emulsion Treatment of Central Nervous System Symptoms Induced by Ropivacaine Toxicity: A Case Report. <i>American Journal of Therapeutics</i> , 2020 , 28, e736-e738	1	4
60	Ginseng-Induced Changes to Blood Vessel Dilation and the Metabolome of Rats. <i>Nutrients</i> , 2020 , 12,	6.7	2
59	Application of Dexmedetomidine in Cardiopulmonary Bypass Prefilling and Several Confounding Factors. <i>Dose-Response</i> , 2020 , 18, 1559325820959540	2.3	
58	Lipid Emulsion Treatment of Cardiogenic Shock Induced by Toxic Dose of Bupropion. <i>Journal of Emergency Medicine</i> , 2020 , 59, e33	1.5	
57	Treatment of Bupropion Toxicity with Lipid Emulsion. <i>Journal of Pediatric Intensive Care</i> , 2020 , 9, 151-152		

56	Involvement of TREK-1 Channel in Cell Viability of H9c2 Rat Cardiomyoblasts Affected by Bupivacaine and Lipid Emulsion. <i>Cells</i> , 2019 , 8,	7.9	4
55	Bupivacaine-induced contraction is attenuated by endothelial nitric oxide release modulated by activation of both stimulatory and inhibitory phosphorylation (Ser1177 and Thr495) of endothelial nitric oxide synthase. <i>European Journal of Pharmacology</i> , 2019 , 853, 121-128	5.3	5
54	Lipid emulsion attenuates the vasodilation induced by a toxic dose of a calcium channel blocker through its partitioning into the lipid phase. <i>General Physiology and Biophysics</i> , 2019 , 38, 227-235	2.1	2
53	Linolenic Acid Attenuates the Vasodilation Induced by Acetylcholine in Isolated Rat Aortae. <i>Dose-Response</i> , 2019 , 17, 1559325819894148	2.3	3
52	Lipid emulsion inhibits the vasodilation induced by a toxic dose of amlodipine in isolated rat aortae. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1621-1630	3.7	2
51	Bupivacaine-induced cardiotoxicity and lipid emulsion. <i>Human and Experimental Toxicology</i> , 2019 , 38, 494-495	3.4	0
50	Levobupivacaine-induced vasoconstriction involves caldesmon phosphorylation mediated by tyrosine kinase-induced ERK phosphorylation. <i>European Journal of Pharmacology</i> , 2019 , 842, 167-176	5.3	4
49	Treatment of flecainide intoxication with a lipid emulsion. <i>Netherlands Journal of Medicine</i> , 2019 , 77, 303	0.5	
48	Lipid Emulsion for Treating Local Anesthetic Systemic Toxicity. <i>International Journal of Medical Sciences</i> , 2018 , 15, 713-722	3.7	53
47	Linoleic Acid Attenuates the Toxic Dose of Bupivacaine-Mediated Reduction of Vasodilation Evoked by the Activation of Adenosine Triphosphate-Sensitive Potassium Channels. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
46	Malathion toxicity and lipid emulsion. <i>Toxicology and Industrial Health</i> , 2018 , 34, 812	1.8	
45	Lipid emulsion alleviates the vasodilation and mean blood pressure decrease induced by a toxic dose of verapamil in isolated rat aortae and an in vivo rat model. <i>Human and Experimental Toxicology</i> , 2018 , 37, 636-646	3.4	4
44	The effect of sugammadex on the vascular tone of isolated rat aorta. <i>Korean Journal of Anesthesiology</i> , 2018 , 71, 242-243	3.8	4
43	Amlodipine toxicity and lipid emulsion. <i>Korean Journal of Anesthesiology</i> , 2018 , 71, 491-492	3.8	3
42	Lipid Emulsion Inhibits the Late Apoptosis/Cardiotoxicity Induced by Doxorubicin in Rat Cardiomyoblasts. <i>Cells</i> , 2018 , 7,	7.9	10
41	Lipid Emulsion Inhibits Apoptosis Induced by a Toxic Dose of Verapamil via the Delta-Opioid Receptor in H9c2 Rat Cardiomyoblasts. <i>Cardiovascular Toxicology</i> , 2017 , 17, 344-354	3.4	6
40	Lipid emulsion therapy for diphenhydramine toxicity. <i>Journal of the Formosan Medical Association</i> , 2017 , 116, 912-913	3.2	1
39	Dexmedetomidine Inhibits Phenylephrine-induced Contractions via Alpha-1 Adrenoceptor Blockade and Nitric Oxide Release in Isolated Rat Aortae. <i>International Journal of Medical Sciences</i> , 2017 , 14, 143-149	3.7	6

38	A Lipid Emulsion Reverses Toxic-Dose Bupivacaine-Induced Vasodilation during Tyrosine Phosphorylation-Evoked Contraction in Isolated Rat Aortae. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	3
37	Lipid emulsion attenuates apoptosis induced by a toxic dose of bupivacaine in H9c2 rat cardiomyoblast cells. <i>Human and Experimental Toxicology</i> , 2016 , 35, 929-37	3.4	9
36	Lipofundin [®] MCT/LCT 20% increase left ventricular systolic pressure in an ex vivo rat heart model via increase of intracellular calcium level. <i>Korean Journal of Anesthesiology</i> , 2016 , 69, 57-62	3.8	9
35	Lipid emulsion inhibits vasodilation induced by a toxic dose of bupivacaine by suppressing bupivacaine-induced PKC and CPI-17 dephosphorylation but has no effect on vasodilation induced by a toxic dose of mepivacaine. <i>Korean Journal of Pain</i> , 2016 , 29, 229-238	2.1	6
34	Prediction and Prevention of Acute Kidney Injury after Cardiac Surgery. <i>BioMed Research International</i> , 2016 , 2016, 2985148	3	25
33	Effects of Acidification and Alkalinization on the Lipid Emulsion-Mediated Reversal of Toxic Dose Levobupivacaine-Induced Vasodilation in the Isolated Rat Aorta. <i>International Journal of Medical Sciences</i> , 2016 , 13, 68-76	3.7	4
32	Dexmedetomidine-Induced Contraction Involves CPI-17 Phosphorylation in Isolated Rat Aortas. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	5
31	Mepivacaine attenuates vasodilation induced by ATP-sensitive potassium channels in rat aorta. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 1211-1219	2.4	2
30	Lipid Emulsion Inhibits Vasodilation Induced by a Toxic Dose of Bupivacaine via Attenuated Dephosphorylation of Myosin Phosphatase Target Subunit 1 in Isolated Rat Aorta. <i>International Journal of Medical Sciences</i> , 2015 , 12, 958-67	3.7	5
29	Dexmedetomidine-Induced Contraction in the Isolated Endothelium-Denuded Rat Aorta Involves PKC- ϵ -mediated JNK Phosphorylation. <i>International Journal of Medical Sciences</i> , 2015 , 12, 727-36	3.7	5
28	Lipid Emulsion Attenuates Acetylcholine-Induced Relaxation in Isolated Rat Aorta. <i>BioMed Research International</i> , 2015 , 2015, 871545	3	13
27	Anesthetic management for percutaneous computed tomography-guided radiofrequency ablation of reinoma: a case report. <i>Korean Journal of Anesthesiology</i> , 2015 , 68, 78-82	3.8	7
26	Mepivacaine-induced contraction involves increased calcium sensitization mediated via Rho kinase and protein kinase C in endothelium-denuded rat aorta. <i>European Journal of Pharmacology</i> , 2014 , 723, 185-93	5.3	15
25	Dexmedetomidine-induced contraction involves phosphorylation of caldesmon by JNK in endothelium-denuded rat aortas. <i>International Journal of Biological Sciences</i> , 2014 , 10, 1108-15	11.2	9
24	Systemic blockage of nitric oxide synthase by L-NAME increases left ventricular systolic pressure, which is not augmented further by Intralipid [®] . <i>International Journal of Biological Sciences</i> , 2014 , 10, 367-76	11.2	23
23	Lipid emulsion treatment of systemic toxicity induced by local anesthetics or other drugs. <i>Journal of the Korean Medical Association</i> , 2014 , 57, 537	0.5	1
22	Mepivacaine-induced intracellular calcium increase appears to be mediated primarily by calcium influx in rat aorta without endothelium. <i>Korean Journal of Anesthesiology</i> , 2014 , 67, 404-11	3.8	7
21	Effect of two lipid emulsions on reversing high-dose levobupivacaine-induced reduced vasoconstriction in the rat aortas. <i>Cardiovascular Toxicology</i> , 2013 , 13, 370-80	3.4	17

20	Mepivacaine-induced contraction involves phosphorylation of extracellular signal-regulated kinase through activation of the lipoxygenase pathway in isolated rat aortic smooth muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 285-94	2.4	11
19	Ropivacaine-induced contraction is attenuated by both endothelial nitric oxide and voltage-dependent potassium channels in isolated rat aortae. <i>BioMed Research International</i> , 2013 , 2013, 565271	3	16
18	Lipid emulsion-mediated reversal of toxic-dose aminoamide local anesthetic-induced vasodilation in isolated rat aorta. <i>Korean Journal of Anesthesiology</i> , 2013 , 64, 353-9	3.8	23
17	Postoperative Acute Cerebral Infarction Occurring after General Anesthesia. <i>The Korean Journal of Critical Care Medicine</i> , 2013 , 28, 323		
16	Delayed recovery from paralysis by succinylcholine in patient with preoperatively unrecognized and inherited pseudocholinesterase deficiency. <i>Korean Journal of Anesthesiology</i> , 2013 , 65, S19-20	3.8	2
15	Protein kinases participate in the contraction in response to levobupivacaine in the rat aorta. <i>European Journal of Pharmacology</i> , 2012 , 677, 131-7	5.3	17
14	Mepivacaine-induced contraction is attenuated by endothelial nitric oxide release in isolated rat aorta. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 863-72	2.4	21
13	Dexmedetomidine-induced contraction of isolated rat aorta is dependent on extracellular calcium concentration. <i>Korean Journal of Anesthesiology</i> , 2012 , 63, 253-9	3.8	13
12	Vasoconstriction potency induced by aminoamide local anesthetics correlates with lipid solubility. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 170958		25
11	c-Jun NH ₂ terminal kinase contributes to dexmedetomidine-induced contraction in isolated rat aortic smooth muscle. <i>Yonsei Medical Journal</i> , 2011 , 52, 420-8	3	14
10	Lipid emulsion reverses Levobupivacaine-induced responses in isolated rat aortic vessels. <i>Anesthesiology</i> , 2011 , 114, 293-301	4.3	44
9	Levobupivacaine-induced contraction of isolated rat aorta is calcium dependent. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011 , 89, 467-76	2.4	26
8	Calcium sensitization involved in dexmedetomidine-induced contraction of isolated rat aorta. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011 , 89, 681-9	2.4	14
7	Myocardial protective effect by ulinastatin via an anti-inflammatory response after regional ischemia/reperfusion injury in an in vivo rat heart model. <i>Korean Journal of Anesthesiology</i> , 2011 , 61, 499-505	3.8	23
6	Ethyl pyruvate has anti-inflammatory and delayed myocardial protective effects after regional ischemia/reperfusion injury. <i>Yonsei Medical Journal</i> , 2010 , 51, 838-44	3	18
5	The direct effect of levobupivacaine in isolated rat aorta involves lipoxygenase pathway activation and endothelial nitric oxide release. <i>Anesthesia and Analgesia</i> , 2010 , 110, 341-9	3.9	24
4	Direct effect of dexmedetomidine on rat isolated aorta involves endothelial nitric oxide synthesis and activation of the lipoxygenase pathway. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009 , 36, 406-12	3	21
3	Fentanyl attenuates alpha1B-adrenoceptor-mediated pulmonary artery contraction. <i>Anesthesiology</i> , 2005 , 103, 327-34	4.3	15

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| 2 | Etomidate attenuates phenylephrine-induced contraction in isolated rat aorta. <i>Canadian Journal of Anaesthesia</i> , 2005 , 52, 927-34 | 3 | 12 |
| 1 | Effect of etomidate on endothelium-dependent relaxation induced by acetylcholine in rat aorta. <i>Anaesthesia and Intensive Care</i> , 2004 , 32, 476-81 | 1.1 | 18 |