

Jun Kobayashi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

669
citations

567144

15
h-index

580701

25
g-index

34
all docs

34
docs citations

34
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of diet and gut environment on the gastrointestinal formation of N-nitroso compounds: A review. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 73, 66-73.	1.2	81
2	NO-Rich Diet for Lifestyle-Related Diseases. <i>Nutrients</i> , 2015, 7, 4911-4937.	1.7	62
3	Dietary nitrite supplementation improves insulin resistance in type 2 diabetic KKAY mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 44, 31-38.	1.2	53
4	Nitric oxide inhalation as an interventional rescue therapy for COVID-19-induced acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2020, 10, 61.	2.2	50
5	Oral nitrite ameliorates dextran sulfate sodium-induced acute experimental colitis in mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 65-73.	1.2	36
6	Dietary nitrite supplementation attenuates cardiac remodeling in l-NAME-induced hypertensive rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 67, 1-9.	1.2	35
7	Characterization of Systemic and Histologic Injury After Crush Syndrome and Intervals of Reperfusion in a Small Animal Model. <i>Journal of Trauma</i> , 2011, 70, 1453-1463.	2.3	31
8	Dietary nitrite inhibits early glomerular injury in streptozotocin-induced diabetic nephropathy in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 17, 75-81.	1.2	30
9	Nitrite reduces ischemia/reperfusion-induced muscle damage and improves survival rates in rat crush injury model. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 72, 1548-1554.	1.1	28
10	Fasting-induced intestinal apoptosis is mediated by inducible nitric oxide synthase and interferon- β in rat. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G916-G926.	1.6	26
11	Astragaloside-IV prevents acute kidney injury and inflammation by normalizing muscular mitochondrial function associated with a nitric oxide protective mechanism in crush syndrome rats. <i>Annals of Intensive Care</i> , 2017, 7, 90.	2.2	26
12	Molecular regulation of skeletal muscle mass and the contribution of nitric oxide: A review. <i>FASEB BioAdvances</i> , 2019, 1, 364-374.	1.3	23
13	Acute lethal crush-injured rats can be successfully rescued by a single injection of high-dose dexamethasone through a pathway involving PI3K-Akt-eNOS signaling. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 241-249.	1.1	22
14	S-nitrosylation of mouse galectin-2 prevents oxidative inactivation by hydrogen peroxide. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 712-717.	1.0	22
15	Dietary nitrite reverses features of postmenopausal metabolic syndrome induced by high-fat diet and ovariectomy in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E300-E308.	1.8	22
16	Low-Dose Sodium Nitrite Fluid Resuscitation Prevents Lethality From Crush Syndrome by Improving Nitric Oxide Consumption and Preventing Myoglobin Cytotoxicity in Kidney in A Rat Model. <i>Shock</i> , 2017, 48, 112-118.	1.0	15
17	Identification of the cysteine residue responsible for oxidative inactivation of mouse galectin-2. <i>Journal of Biochemistry</i> , 2016, 160, 233-241.	0.9	14
18	Proteomic approach for identification of protein S-nitrosation in mouse gastric mucosa treated with S-nitrosoglutathione. <i>Journal of Proteomics</i> , 2009, 72, 750-760.	1.2	11

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19	Lifestyle-mediated nitric oxide boost to prevent SARS-CoV-2 infection: A perspective. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 115, 55-61.	1.2	11
20	Protective effects of oral glutathione on fasting-induced intestinal atrophy through oxidative stress. <i>World Journal of Gastroenterology</i> , 2017, 23, 6650-6664.	1.4	10
21	Nitrite as a pharmacological intervention for the successful treatment of crush syndrome. <i>Physiological Reports</i> , 2018, 6, e13633.	0.7	8
22	Aldehyde dehydrogenase 2 partly mediates hypotensive effect of nitrite onl-NAME-induced hypertension in normoxic rat. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 410-418.	0.5	7
23	Nitrite in breast milk: roles in neonatal pathophysiology. <i>Pediatric Research</i> , 2021, 90, 30-36.	1.1	7
24	Salvianolic acid B improves the survival rate, acute kidney dysfunction, inflammation and NETosis-mediated antibacterial action in a crush syndrome rat model. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 320.	0.8	7
25	Dietary Nitrite Attenuates Elastase-Induced Pulmonary Emphysema in a Mouse Model. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1818-1823.	0.6	6
26	Icing treatment in rats with crush syndrome can improve survival through reduction of potassium concentration and mitochondrial function disorder effect. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 777-785.	0.8	5
27	Inducible and neuronal nitric oxide synthases exert contrasting effects during rat intestinal recovery following fasting. <i>Experimental Biology and Medicine</i> , 2017, 242, 762-772.	1.1	4
28	A novel method to assess the severity and prognosis in crush syndrome by assessment of skin damage in hairless rats. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 1087-1095.	0.8	3
29	Long-term proton pump inhibitor use after <i>Helicobacter pylori</i> eradication may create a gastric environment for <i>N</i> -nitrosamine formation and gastric cancer development. <i>Gut</i> , 2019, 68, 1131.2-1131.	6.1	3
30	Effects of inhaled nitric oxide in COVID-19-induced ARDS"Is it worthwhile?. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1522-1523.	0.7	2
31	Chewing Well During Meals May Benefit Health Via the Enterosalivary Nitrate"Nitrite"Nitric Oxide Pathway. <i>Journal of Gastroenterology and Hepatology Research</i> , 2019, 8, 2882-2885.	0.2	2
32	Beneficial Effects of Dietary Nitrite on a Model of Nonalcoholic Steatohepatitis Induced by High-Fat/High-Cholesterol Diets in SHRSP5/Dmcr Rats: A Preliminary Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2931.	1.8	2
33	No Association of Caffeinated Beverage or Caffeine Intake with Prevalence of Urinary Incontinence Among Middle-Aged Japanese Women: A Multicenter Cross-Sectional Study. <i>Journal of Women's Health</i> , 2017, 26, 860-869.	1.5	1