

# Jun Kobayashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4066632/publications.pdf>

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	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
2	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
3	Nitrite in breast milk: roles in neonatal pathophysiology. <i>Pediatric Research</i> , 2021, 90, 30-36.	1.1	7
4	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
5	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
6	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
7	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
8	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
9	Long-term proton pump inhibitor use after <i>Helicobacter pylori</i> eradication may create a gastric environment for N-nitrosamine formation and gastric cancer development. <i>Gut</i> , 2019, 68, 1131.2-1131.	6.1	3
10	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
11	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
12	Nitrite as a pharmacological intervention for the successful treatment of crush syndrome. <i>Physiological Reports</i> , 2018, 6, e13633.	0.7	8
13	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
14	Dietary Nitrite Attenuates Elastase-Induced Pulmonary Emphysema in a Mouse Model. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1818-1823.	0.6	6
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	NO-Rich Diet for Lifestyle-Related Diseases. <i>Nutrients</i> , 2015, 7, 4911-4937.	1.7	62
24	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
25	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
26	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
27	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
28	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
29	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
30	Fasting-induced intestinal apoptosis is mediated by inducible nitric oxide synthase and interferon- $\beta$ in rat. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G916-G926.	1.6	26
31	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
32	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
33	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