

Hiroshi Hosoda

List of Publications by Citations

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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.

27
papers

8,418
citations

15
h-index

29
g-index

29
ext. papers

8,976
ext. citations

5.5
avg. IF

5.21
L-index

#	Paper	IF	Citations
27	Ghrelin is a growth-hormone-releasing acylated peptide from stomach. <i>Nature</i> , 1999 , 402, 656-60	50.4	6802
26	Ghrelin and des-acyl ghrelin: two major forms of rat ghrelin peptide in gastrointestinal tissue. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 909-13	3.4	735
25	Structural divergence of human ghrelin. Identification of multiple ghrelin-derived molecules produced by post-translational processing. <i>Journal of Biological Chemistry</i> , 2003 , 278, 64-70	5.4	235
24	Fasting plasma ghrelin levels are negatively correlated with insulin resistance and PAI-1, but not with leptin, in obese children and adolescents. <i>Diabetes</i> , 2002 , 51, 3408-11	0.9	167
23	Ghrelin and the regulation of food intake and energy balance. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2002 , 2, 494-503		84
22	Plasma levels of active form of ghrelin during oral glucose tolerance test in patients with anorexia nervosa. <i>European Journal of Endocrinology</i> , 2003 , 149, R1-3	6.5	81
21	Atrial natriuretic peptide prevents cancer metastasis through vascular endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4086-91	11.5	68
20	Moderate maternal food restriction in mice impairs physical growth, behavior, and neurodevelopment of offspring. <i>Nutrition Research</i> , 2015 , 35, 76-87	4	38
19	Atrial natriuretic peptide protects against bleomycin-induced pulmonary fibrosis via vascular endothelial cells in mice : ANP for pulmonary fibrosis. <i>Respiratory Research</i> , 2017 , 18, 1	7.3	36
18	C-type natriuretic peptide ameliorates pulmonary fibrosis by acting on lung fibroblasts in mice. <i>Respiratory Research</i> , 2016 , 17, 19	7.3	22
17	Atrial natriuretic peptide inhibits lipopolysaccharide-induced acute lung injury. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014 , 29, 24-30	3.5	22
16	Postnatal weight gain induced by overfeeding pups and maternal high-fat diet during the lactation period modulates glucose metabolism and the production of pancreatic and gastrointestinal peptides. <i>Peptides</i> , 2015 , 70, 23-31	3.8	22
15	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , 2017 , 31, 89-96	2.3	19
14	Angiotensin II promotes pulmonary metastasis of melanoma through the activation of adhesion molecules in vascular endothelial cells. <i>Biochemical Pharmacology</i> , 2018 , 154, 136-147	6	19
13	Overexpression of C-type Natriuretic Peptide in Endothelial Cells Protects against Insulin Resistance and Inflammation during Diet-induced Obesity. <i>Scientific Reports</i> , 2017 , 7, 9807	4.9	18
12	C-type natriuretic peptide attenuates lipopolysaccharide-induced acute lung injury in mice. <i>Journal of Surgical Research</i> , 2015 , 194, 631-637	2.5	14
11	C-type natriuretic peptide in combination with sildenafil attenuates proliferation of rhabdomyosarcoma cells. <i>Cancer Medicine</i> , 2016 , 5, 795-805	4.8	13

10	Maternal biomarkers for fetal heart failure in fetuses with congenital heart defects or arrhythmias. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 104.e1-104.e15	6.4	7
9	Postoperative decrease in plasma acyl ghrelin levels after pediatric living donor liver transplantation in association with hepatic damage due to ischemia and reperfusion injury. <i>Pediatric Surgery International</i> , 2019 , 35, 709-714	2.1	4
8	CCM2 and PAK4 act downstream of atrial natriuretic peptide signaling to promote cell spreading. <i>Biochemical Journal</i> , 2017 , 474, 1897-1918	3.8	3
7	Metabolism of atrial and brain natriuretic peptides in the fetoplacental circulation of fetuses with congenital heart diseases. <i>Placenta</i> , 2019 , 83, 26-32	3.4	3
6	Myeloprotective effects of C-type natriuretic peptide on cisplatin-induced bone marrow granulocytopenia in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 79, 363-368	3.5	2
5	Plasma natriuretic peptide levels reflect the status of the heart failure in fetuses with arrhythmia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 1883-1889	2	1
4	Significance of Atrial and Brain Natriuretic Peptide Measurements in Fetuses With Heart Failure. <i>Frontiers in Physiology</i> , 2021 , 12, 654356	4.6	0
3	Angiotensin II promotes primary tumor growth and metastasis formation of murine TNBC 4T1 cells through the fibroblasts around cancer cells. <i>European Journal of Pharmacology</i> , 2021 , 909, 174415	5.3	0
2	Maternal administration of tadalafil improves fetal ventricular systolic function in a Hey2 knockout mouse model of fetal heart failure. <i>International Journal of Cardiology</i> , 2020 , 302, 110-116	3.2	
1	Importance of plasma ghrelin levels with special reference to nutritional metabolism and energy expenditure in pediatric patients with severe motor and intellectual disabilities. <i>Clinical Nutrition ESPEN</i> , 2021 , 42, 180-187	1.3	