

# Eiichiro Nishi

## 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.

69

papers

3,221

citations

27

h-index

56

g-index

77

ext. papers

3,564

ext. citations

7.3

avg, IF

4.21

L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 69 | Continuous cell supply from a Sox9-expressing progenitor zone in adult liver, exocrine pancreas and intestine. <i>Nature Genetics</i> , <b>2011</b> , 43, 34-41  | 36.3 | 636       |
| 68 | Role of oxidized LDL in atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 947, 199-205; discussion 205-6  | 6.5  | 174       |
| 67 | Heparin-binding epidermal growth factor-like growth factor: hypoxia-inducible expression in vitro and stimulation of neurogenesis in vitro and in vivo. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 5365-73   | 6.6  | 173       |
| 66 | Ligand specificity of LOX-1, a novel endothelial receptor for oxidized low density lipoprotein. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 1541-7   | 9.4  | 167       |
| 65 | LSR defines cell corners for tricellular tight junction formation in epithelial cells. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 548-55  | 5.3  | 162       |
| 64 | Acute doxorubicin cardiotoxicity is associated with miR-146a-induced inhibition of the neuregulin-ErbB pathway. <i>Cardiovascular Research</i> , <b>2010</b> , 87, 656-64  | 9.9  | 160       |
| 63 | Turbulence Activates Platelet Biogenesis to Enable Clinical Scale ExVivo Production. <i>Cell</i> , <b>2018</b> , 174, 636-648.e18  | 56.2 | 140       |
| 62 | Characterization of a naturally occurring ErbB4 isoform that does not bind or activate phosphatidylinositol 3-kinase. <i>Oncogene</i> , <b>1999</b> , 18, 2607-15  | 9.2  | 135       |
| 61 | Expression of lectin-like oxidized low density lipoprotein receptor-1 in human and murine macrophages: upregulated expression by TNF-alpha. <i>FEBS Letters</i> , <b>1998</b> , 440, 29-32   | 3.8  | 123       |
| 60 | N-arginine dibasic convertase is a specific receptor for heparin-binding EGF-like growth factor that mediates cell migration. <i>EMBO Journal</i> , <b>2001</b> , 20, 3342-50  | 13   | 105       |
| 59 | Visualization of embryonic neural stem cells using Hes promoters in transgenic mice. <i>Molecular and Cellular Neurosciences</i> , <b>2006</b> , 31, 109-22  | 4.8  | 90        |
| 58 | Activation of syndecan-1 ectodomain shedding by Staphylococcus aureus alpha-toxin and beta-toxin. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 251-8  | 5.4  | 87        |
| 57 | P-selectin and vascular cell adhesion molecule-1 are focally expressed in aortas of hypercholesterolemic rabbits before intimal accumulation of macrophages and T lymphocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1997</b> , 17, 310-6 | 9.4  | 67        |
| 56 | Loss of Nardilysin, a Mitochondrial Co-chaperone for Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. <i>Neuron</i> , <b>2017</b> , 93, 115-131  | 13.9 | 65        |
| 55 | Nardilysin regulates axonal maturation and myelination in the central and peripheral nervous system. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 1506-13  | 25.5 | 63        |
| 54 | Heparin-binding epidermal growth factor-like growth factor (HB-EGF) is a mediator of multiple physiological and pathological pathways. <i>Growth Factors</i> , <b>2004</b> , 22, 253-60  | 1.6  | 62        |
| 53 | Inhibition of zebrafish epidermal growth factor receptor activity results in cardiovascular defects. <i>Mechanisms of Development</i> , <b>2003</b> , 120, 811-22  | 1.7  | 60        |

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| 52 | Nardilysin enhances ectodomain shedding of heparin-binding epidermal growth factor-like growth factor through activation of tumor necrosis factor-alpha-converting enzyme. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 31164-72                      | 5.4  | 53 |
| 51 | Clopidogrel resistance in Japanese patients scheduled for percutaneous coronary intervention. <i>Circulation Journal</i> , <b>2009</b> , 73, 336-42  | 2.9  | 49 |
| 50 | Lysophosphatidylcholine enhances cytokine-induced interferon gamma expression in human T lymphocytes. <i>Circulation Research</i> , <b>1998</b> , 83, 508-15   | 15.7 | 42 |
| 49 | Interleukin 18 stimulates release of soluble lectin-like oxidized LDL receptor-1 (sLOX-1). <i>Atherosclerosis</i> , <b>2009</b> , 202, 176-82  | 3.1  | 40 |
| 48 | Ectodomain shedding of TNF-alpha is enhanced by nardilysin via activation of ADAM proteases. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 370, 154-8   | 3.4  | 40 |
| 47 | Enhancement of alpha-secretase cleavage of amyloid precursor protein by a metalloendopeptidase nardilysin. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 1595-1605   | 6    | 40 |
| 46 | Nardilysin and ADAM proteases promote gastric cancer cell growth by activating intrinsic cytokine signalling via enhanced ectodomain shedding of TNF- $\alpha$ . <i>EMBO Molecular Medicine</i> , <b>2012</b> , 4, 396-411   | 12   | 36 |
| 45 | Critical roles of nardilysin in the maintenance of body temperature homeostasis. <i>Nature Communications</i> , <b>2014</b> , 5, 3224  | 17.4 | 29 |
| 44 | Platelets are novel regulators of neovascularization and luteinization during human corpus luteum formation. <i>Endocrinology</i> , <b>2007</b> , 148, 3056-64   | 4.8  | 29 |
| 43 | Identification and characterization of nardilysin as a novel dimethyl H3K4-binding protein involved in transcriptional regulation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 10089-10098   | 5.4  | 27 |
| 42 | Elevated levels of cAMP inhibit protein kinase C-independent mechanisms of endothelial platelet-derived growth factor-B chain and intercellular adhesion molecule-1 gene induction by lysophosphatidylcholine. <i>Circulation Research</i> , <b>1995</b> , 77, 530-5 | 15.7 | 27 |
| 41 | Association of serum levels of antibodies against MMP1, CBX1, and CBX5 with transient ischemic attack and cerebral infarction. <i>Oncotarget</i> , <b>2018</b> , 9, 5600-5613  | 3.3  | 26 |
| 40 | Lysophosphatidylcholine increases expression of heparin-binding epidermal growth factor-like growth factor in human T lymphocytes. <i>Circulation Research</i> , <b>1997</b> , 80, 638-44  | 15.7 | 25 |
| 39 | Nardilysin prevents amyloid plaque formation by enhancing $\beta$ secretase activity in an Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 213-22  | 5.6  | 24 |
| 38 | Lysophosphatidylcholine upregulates CD40 ligand expression in newly activated human CD4+ T cells. <i>FEBS Letters</i> , <b>1998</b> , 433, 161-5   | 3.8  | 24 |
| 37 | Identification of adherens junction-associated GTPase activating proteins by the fluorescence localization-based expression cloning. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 939-49   | 4.2  | 21 |
| 36 | The metalloendopeptidase nardilysin (NRDc) is potently inhibited by heparin-binding epidermal growth factor-like growth factor (HB-EGF). <i>Biochemical Journal</i> , <b>2002</b> , 367, 229-38  | 3.8  | 20 |
| 35 | Tyrosine phosphorylation of platelet endothelial cell adhesion molecule-1 induced by lysophosphatidylcholine in cultured endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 243, 862-8                                    | 3.4  | 19 |

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| 34 | Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. <i>International Journal of Cardiology</i> , <b>2017</b> , 243, 1-8   | 3.2  | 16 |
| 33 | Lysophosphatidylcholine phosphorylates CREB and activates the jun2TRE site of c-jun promoter in vascular endothelial cells. <i>FEBS Letters</i> , <b>1999</b> , 457, 241-5  | 3.8  | 15 |
| 32 | Deletion of nardilysin prevents the development of steatohepatitis and liver fibrotic changes. <i>PLoS ONE</i> , <b>2014</b> , 9, e98017  | 3.7  | 14 |
| 31 | Nardilysin Is Required for Maintaining Pancreatic ECell Function. <i>Diabetes</i> , <b>2016</b> , 65, 3015-27   | 0.9  | 14 |
| 30 | Elevation of autoantibody level against PDCD11 in patients with transient ischemic attack. <i>Oncotarget</i> , <b>2018</b> , 9, 8836-8848   | 3.3  | 13 |
| 29 | Induction of endothelial platelet-derived growth factor-B-chain and intercellular adhesion molecule-1 by lysophosphatidylcholine. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 811, 70-5           | 6.5  | 12 |
| 28 | Nardilysin regulates inflammation, metaplasia, and tumors in murine stomach. <i>Scientific Reports</i> , <b>2017</b> , 7, 43052   | 4.9  | 10 |
| 27 | AMAP1 as a negative-feedback regulator of nuclear factor-B under inflammatory conditions. <i>Scientific Reports</i> , <b>2014</b> , 4, 5094   | 4.9  | 9  |
| 26 | Elevated Adiponectin Antibody Levels in Sera of Patients with Atherosclerosis-Related Coronary Artery Disease, Cerebral Infarction and Diabetes Mellitus. <i>Journal of Circulating Biomarkers</i> , <b>2016</b> , 5, 8 | 3.3  | 7  |
| 25 | Nardilysin is involved in autoimmune arthritis via the regulation of tumour necrosis factor alpha secretion. <i>RMD Open</i> , <b>2017</b> , 3, e000436   | 5.9  | 7  |
| 24 | Involvement of protein kinase C-independent mechanisms in endothelial ICAM-1 up-regulation by lysophosphatidylcholine. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 748, 541-2                     | 6.5  | 7  |
| 23 | Nardilysin promotes hepatocellular carcinoma through activation of signal transducer and activator of transcription 3. <i>Cancer Science</i> , <b>2017</b> , 108, 910-917   | 6.9  | 6  |
| 22 | Serum anti-LRPAP1 is a common biomarker for digestive organ cancers and atherosclerotic diseases. <i>Cancer Science</i> , <b>2020</b> , 111, 4453-4464  | 6.9  | 6  |
| 21 | Genome-wide profiling of nardilysin target genes reveals its role in epigenetic regulation and cell cycle progression. <i>Scientific Reports</i> , <b>2017</b> , 7, 14801   | 4.9  | 5  |
| 20 | Lysophosphatidylcholine induces heparin-binding epidermal growth factor-like growth factor and interferon-gamma in human T-lymphocytes. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 811, 519-24   | 6.5  | 5  |
| 19 | Nardilysin controls intestinal tumorigenesis through HDAC1/p53-dependent transcriptional regulation. <i>JCI Insight</i> , <b>2018</b> , 3,  | 9.9  | 5  |
| 18 | Nardilysin <b>2013</b> , 1421-1426  |      | 5  |
| 17 | Serum Nardilysin, a Surrogate Marker for Epithelial-Mesenchymal Transition, Predicts Prognosis of Intrahepatic Cholangiocarcinoma after Surgical Resection. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 619-628 | 12.9 | 5  |

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| 16 | Elevated levels of autoantibodies against DNAJC2 in sera of patients with atherosclerotic diseases. <i>Heliyon</i> , <b>2020</b> , 6, e04661  | 3.6  | 4 |
| 15 | Tadalafil, a phosphodiesterase type 5 inhibitor, restores urethra and detrusor function in the initial phase of diabetes in rats. <i>LUTS: Lower Urinary Tract Symptoms</i> , <b>2019</b> , 11, 241-247   | 1.9  | 4 |
| 14 | Association between serum anti-ASXL2 antibody levels and acute ischemic stroke, acute myocardial infarction, diabetes mellitus, chronic kidney disease and digestive organ cancer, and their possible association with atherosclerosis and hypertension. <i>International Journal of Molecular Medicine</i> , <b>2020</b> , 46, 1274-1288 | 4.4  | 4 |
| 13 | Nardilysin inhibits pancreatitis and suppresses pancreatic ductal adenocarcinoma initiation in mice. <i>Gut</i> , <b>2019</b> , 68, 882-892   | 19.2 | 3 |
| 12 | Serum anti-DIDO1, anti-CPSF2, and anti-FOXJ2 antibodies as predictive risk markers for acute ischemic stroke. <i>BMC Medicine</i> , <b>2021</b> , 19, 131   | 11.4 | 2 |
| 11 | Reply: Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. <i>International Journal of Cardiology</i> , <b>2018</b> , 265, 236  | 3.2  | 1 |
| 10 | Nardilysin controls cardiac sympathetic innervation patterning through regulation of p75 neurotrophin receptor. <i>FASEB Journal</i> , <b>2020</b> , 34, 11624-11640  | 0.9  | 1 |
| 9  | MicroRNA-494-3p inhibits formation of fast oxidative muscle fibres by targeting E1A-binding protein p300 in human-induced pluripotent stem cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 1161  | 4.9  | 0 |
| 8  | Glycaemia and body weight are regulated by sodium-glucose cotransporter 1 (SGLT1) expression via O-GlcNAcylation in the intestine.. <i>Molecular Metabolism</i> , <b>2022</b> , 101458  | 8.8  | 0 |
| 7  | Response to Letter of Stephenson et al.: Nardilysin: A potential biomarker for the early diagnosis of acute coronary syndrome. <i>International Journal of Cardiology</i> , <b>2019</b> , 277, 249  | 3.2  |   |
| 6  | Heparin-Binding Epidermal Growth Factor-like Growth Factor (HB-EGF) <b>2003</b> , 235-241   |      |   |
| 5  | Serial bronchoalveolar lavage studies in a patient with intra-alveolar fibrosis following Legionnaires Disease. <i>Internal Medicine</i> , <b>1993</b> , 32, 659-62   | 1.1  |   |
| 4  | Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO1-2-4  | 0    |   |
| 3  | MicroRNA-494 plays a role in fiber type-specific skeletal myogenesis by targeting transcriptional coactivator p300 in human induced pluripotent stem cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, OR19-3   | 0    |   |
| 2  | Deficiency of Nardilysin in the Liver Reduces Serum Cholesterol Levels. <i>Biological and Pharmaceutical Bulletin</i> , <b>2021</b> , 44, 363-371   | 2.3  |   |
| 1  | Nardilysin in adipocytes regulates UCP1 expression and body temperature homeostasis.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3449  | 4.9  |   |