# Eiichiro Nishi

List of Publications by Year
in descending order



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|---|---|---|---|
| 74 papers | 3,883 citations | 159358 30 h-index | 123241 61 g-index |
| 77 all docs | 77 docs citations | 77 times ranked | 5763 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Continuous cell supply from a Sox9-expressing progenitor zone in adult liver, exocrine pancreas and intestine. Nature Genetics, 2011, 43, 34-41. | 9.4 | 729 |
| 2 | Turbulence Activates Platelet Biogenesis to Enable Clinical Scale ExÂVivo Production. Cell, 2018, 174, 636-648.e18. | 13.5 | 218 |
| 3 | Role of Oxidized LDL in Atherosclerosis. Annals of the New York Academy of Sciences, 2001, 947, 199-206. | 1.8 | 217 |
| 4 | LSR defines cell corners for tricellular tight junction formation in epithelial cells. Journal of Cell Science, 2011, 124, 548-555. | 1.2 | 206 |
| 5 | Heparin-Binding Epidermal Growth Factor-Like Growth Factor: Hypoxia-Inducible ExpressionIn Vitroand Stimulation of NeurogenesisIn VitroandIn Vivo. Journal of Neuroscience, 2002, 22, 5365-5373. | 1.7 | 199 |
| 6 | Ligand Specificity of LOX-1, a Novel Endothelial Receptor for Oxidized Low Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 1541-1547. | 1.1 | 186 |
| 7 | Acute doxorubicin cardiotoxicity is associated with miR-146a-induced inhibition of the neuregulin-ErbB pathway. Cardiovascular Research, 2010, 87, 656-664. | 1.8 | 178 |
| 8 | Characterization of a naturally occurring ErbB4 isoform that does not bind or activate phosphatidyl inositol 3-kinase. Oncogene, 1999, 18, 2607-2615. | 2.6 | 150 |
| 9 | Expression of lectin-like oxidized low density lipoprotein receptor-1 in human and murine macrophages: upregulated expression by TNF-Î±. FEBS Letters, 1998, 440, 29-32. | 1.3 | 148 |
| 10 | N-arginine dibasic convertase is a specific receptor for heparin-binding EGF-like growth factor that mediates cell migration. EMBO Journal, 2001, 20, 3342-3350. | 3.5 | 115 |
| 11 | Visualization of embryonic neural stem cells using Hes promoters in transgenic mice. Molecular and Cellular Neurosciences, 2006, 31, 109-122. | 1.0 | 101 |
| 12 | Activation of Syndecan-1 Ectodomain Shedding by Staphylococcus aureus Î±-Toxin and Î²-Toxin. Journal of Biological Chemistry, 2004, 279, 251-258. | 1.6 | 97 |
| 13 | Loss of Nardilysin, a Mitochondrial Co-chaperone for Î±-Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. Neuron, 2017, 93, 115-131. | 3.8 | 95 |
| 14 | P-Selectin and Vascular Cell Adhesion Molecule-1 Are Focally Expressed in Aortas of Hypercholesterolemic Rabbits Before Intimal Accumulation of Macrophages and T Lymphocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 310-316. | 1.1 | 84 |
| 15 | Nardilysin regulates axonal maturation and myelination in the central and peripheral nervous system. Nature Neuroscience, 2009, 12, 1506-1513. | 7.1 | 72 |
| 16 | Heparin-binding Epidermal Growth Factor-like Growth Factor (HB-EGF) is a Mediator of Multiple Physiological and Pathological Pathways. Growth Factors, 2004, 22, 253-260. | 0.5 | 71 |
| 17 | Inhibition of zebrafish epidermal growth factor receptor activity results in cardiovascular defects. Mechanisms of Development, 2003, 120, 811-822. | 1.7 | 66 |
| 18 | Nardilysin Enhances Ectodomain Shedding of Heparin-binding Epidermal Growth Factor-like Growth Factor through Activation of Tumor Necrosis Factor-Î±-converting Enzyme. Journal of Biological Chemistry, 2006, 281, 31164-31172. | 1.6 | 58 |

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|---|---|---|---|
| 19 | Clopidogrel Resistance in Japanese Patients Scheduled forPercutaneous Coronary Intervention. Circulation Journal, 2009, 73, 336-342. | 0.7 | 54 |
| 20 | Interleukin 18 stimulates release of soluble lectin-like oxidized LDL receptor-1 (sLOX-1). Atherosclerosis, 2009, 202, 176-182. | 0.4 | 50 |
| 21 | Lysophosphatidylcholine Enhances Cytokine-Induced Interferon Gamma Expression in Human T Lymphocytes. Circulation Research, 1998, 83, 508-515. | 2.0 | 49 |
| 22 | Enhancement of Î±-secretase cleavage of amyloid precursor protein by a metalloendopeptidase nardilysin. Journal of Neurochemistry, 2007, 102, 1595-1605. | 2.1 | 43 |
| 23 | Ectodomain shedding of TNF-Î± is enhanced by nardilysin via activation of ADAM proteases. Biochemical and Biophysical Research Communications, 2008, 370, 154-158. | 1.0 | 43 |
| 24 | Nardilysin and ADAM proteases promote gastric cancer cell growth by activating intrinsic cytokine signalling via enhanced ectodomain shedding of TNFâ€Î±. EMBO Molecular Medicine, 2012, 4, 396-411. | 3.3 | 40 |
| 25 | Association of serum levels of antibodies against MMP1, CBX1, and CBX5 with transient ischemic attack and cerebral infarction. Oncotarget, 2018, 9, 5600-5613. | 0.8 | 38 |
| 26 | Critical roles of nardilysin in the maintenance of body temperature homoeostasis. Nature Communications, 2014, 5, 3224. | 5.8 | 36 |
| 27 | Platelets Are Novel Regulators of Neovascularization and Luteinization during Human Corpus Luteum Formation. Endocrinology, 2007, 148, 3056-3064. | 1.4 | 34 |
| 28 | Elevated Levels of cAMP Inhibit Protein Kinase Câ€“ Independent Mechanisms of Endothelial Platelet-Derived Growth Factorâ€“B Chain and Intercellular Adhesion Molecule-1 Gene Induction by Lysophosphatidylcholine. Circulation Research, 1995, 77, 530-535. | 2.0 | 32 |
| 29 | Identification and Characterization of Nardilysin as a Novel Dimethyl H3K4-binding Protein Involved in Transcriptional Regulation. Journal of Biological Chemistry, 2012, 287, 10089-10098. | 1.6 | 31 |
| 30 | Lysophosphatidylcholine upregulates CD40 ligand expression in newly activated human CD4+ T cells. FEBS Letters, 1998, 433, 161-165. | 1.3 | 30 |
| 31 | Lysophosphatidylcholine Increases Expression of Heparin-Binding Epidermal Growth Factorâ€“Like Growth Factor in Human T Lymphocytes. Circulation Research, 1997, 80, 638-644. | 2.0 | 30 |
| 32 | Nardilysin prevents amyloid plaque formation by enhancing Î±-secretase activity in an Alzheimer's disease mouse model. Neurobiology of Aging, 2014, 35, 213-222. | 1.5 | 27 |
| 33 | The metalloendopeptidase nardilysin (NRDc) is potently inhibited by heparin-binding epidermal growth factor-like growth factor (HB-EGF). Biochemical Journal, 2002, 367, 229-238. | 1.7 | 24 |
| 34 | Identification of adherens junction-associated GTPase activating proteins by the fluorescence localization-based expression cloning. Experimental Cell Research, 2008, 314, 939-949. | 1.2 | 21 |
| 35 | Nardilysin Is Required for Maintaining Pancreatic Î²-Cell Function. Diabetes, 2016, 65, 3015-3027. | 0.3 | 21 |
| 36 | Tyrosine Phosphorylation of Platelet Endothelial Cell Adhesion Molecule-1 Induced by Lysophosphatidylcholine in Cultured Endothelial Cells. Biochemical and Biophysical Research Communications, 1998, 243, 862-868. | 1.0 | 19 |

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|---|---|---|---|
| 37 | Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. International Journal of Cardiology, 2017, 243, 1-8. | 0.8 | 19 |
| 38 | Elevation of autoantibody level against PDCD11 in patients with transient ischemic attack. Oncotarget, 2018, 9, 8836-8848. | 0.8 | 18 |
| 39 | Lysophosphatidylcholine phosphorylates CREB and activates the jun2TRE site of c-jun promoter in vascular endothelial cells. FEBS Letters, 1999, 457, 241-245. | 1.3 | 16 |
| 40 | Deletion of Nardilysin Prevents the Development of Steatohepatitis and Liver Fibrotic Changes. PLoS ONE, 2014, 9, e98017. | 1.1 | 16 |
| 41 | Serum antiâ€ŁRPAP1 is a common biomarker for digestive organ cancers and atherosclerotic diseases. Cancer Science, 2020, 111, 4453-4464. | 1.7 | 16 |
| 42 | Elevated levels of autoantibodies against DNAJC2 in sera of patients with atherosclerotic diseases. Heliyon, 2020, 6, e04661. | 1.4 | 16 |
| 43 | Induction of Endothelial Platelet-Derived Growth Factor-B-Chain and Intercellular Adhesion Molecule-1 by Lysophosphatidylcholine. Annals of the New York Academy of Sciences, 1997, 811, 70-75. | 1.8 | 13 |
| 44 | Nardilysin regulates inflammation, metaplasia, and tumors in murine stomach. Scientific Reports, 2017, 7, 43052. | 1.6 | 13 |
| 45 | Serum anti-DIDO1, anti-CPSF2, and anti-FOXJ2 antibodies as predictive risk markers for acute ischemic stroke. BMC Medicine, 2021, 19, 131. | 2.3 | 13 |
| 46 | Elevated Adiponectin Antibody Levels in Sera of Patients with Atherosclerosis-Related Coronary Artery Disease, Cerebral Infarction and Diabetes Mellitus. Journal of Circulating Biomarkers, 2016, 5, 8. | 0.8 | 12 |
| 47 | AMAP1 as a negative-feedback regulator of nuclear factor-Î°B under inflammatory conditions. Scientific Reports, 2014, 4, 5094. | 1.6 | 11 |
| 48 | Association between serum antiâ€'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. International Journal of Molecular Medicine, 2020, 46, 1274-1288. | 1.8 | 11 |
| 49 | Nardilysin controls intestinal tumorigenesis through HDAC1/p53â€"dependent transcriptional regulation. JCI Insight, 2018, 3, . | 2.3 | 10 |
| 50 | Nardilysin promotes hepatocellular carcinoma through activation of signal transducer and activator of transcription 3. Cancer Science, 2017, 108, 910-917. | 1.7 | 9 |
| 51 | Nardilysin is involved in autoimmune arthritis via the regulation of tumour necrosis factor alpha secretion. RMD Open, 2017, 3, e000436. | 1.8 | 9 |
| 52 | Serum Nardilysin, a Surrogate Marker for Epithelialâ€"Mesenchymal Transition, Predicts Prognosis of Intrahepatic Cholangiocarcinoma after Surgical Resection. Clinical Cancer Research, 2019, 25, 619-628. | 3.2 | 9 |
| 53 | Involvement of Protein Kinase C-Independent Mechanisms in Endothelial ICAM-1 Up-regulation by Lysophosphatidylcholine. Annals of the New York Academy of Sciences, 2006, 748, 541-542. | 1.8 | 8 |
| 54 | Genome-wide profiling of nardilysin target genes reveals its role in epigenetic regulation and cell cycle progression. Scientific Reports, 2017, 7, 14801. | 1.6 | 8 |

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|---|---|---|---|
| 55 | Glycaemia and body weight are regulated by sodium-glucose cotransporter 1 (SGLT1) expression via O-GlcNAcylation in the intestine. Molecular Metabolism, 2022, 59, 101458. | 3.0 | 8 |
| 56 | Tadalafil, a phosphodiesterase type 5 inhibitor, restores urethra and detrusor function in the initial phase of diabetes in rats. LUTS: Lower Urinary Tract Symptoms, 2019, 11, 241-247. | 0.6 | 7 |
| 57 | Lysophosphatidylcholine Induces Heparin-Binding Epidermal Growth Factor-like Growth Factor and Interferon-? in Human T-Lymphocytes. Annals of the New York Academy of Sciences, 1997, 811, 519-524. | 1.8 | 6 |
| 58 | Nardilysin inhibits pancreatitis and suppresses pancreatic ductal adenocarcinoma initiation in mice. Gut, 2019, 68, 882-892. | 6.1 | 6 |
| 59 | Nardilysin. , 2013, , 1421-1426. | | 6 |
| 60 | Nardilysin controls cardiac sympathetic innervation patterning through regulation of p75 neurotrophin receptor. FASEB Journal, 2020, 34, 11624-11640. | 0.2 | 4 |
| 61 | MicroRNA-494-3p inhibits formation of fast oxidative muscle fibres by targeting E1A-binding protein p300 in human-induced pluripotent stem cells. Scientific Reports, 2021, 11, 1161. | 1.6 | 2 |
| 62 | 4.P.419 Antioxidant probucol prevents VCAM-1 expression in aortic endothelium of WHHL rabbits, an animal model of familial hypercholesterolemia. Atherosclerosis, 1997, 134, 385. | 0.4 | 1 |
| 63 | 4.P.300 Inducible expression of LOX-1, a novel receptor for oxidized low density lipoprotein, in vascular endothelial cells. Atherosclerosis, 1997, 134, 359. | 0.4 | 1 |
| 64 | Heparin-Binding Epidermal Growth Factor-like Growth Factor (HB-EGF). , 2003, , 235-241. | | 1 |
| 65 | Reply: Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. International Journal of Cardiology, 2018, 265, 236. | 0.8 | 1 |
| 66 | Nardilysin in adipocytes regulates UCP1 expression and body temperature homeostasis. Scientific Reports, 2022, 12, 3449. | 1.6 | 1 |
| 67 | Serial Bronchoalveolar Lavage Studies in a Patient with Intra-Alveolar Fibrosis Following Legionnaires' Disease.. Internal Medicine, 1993, 32, 659-662. | 0.3 | 0 |
| 68 | 3.P.129 Ligand specificity of LOX-1, a novel receptor for oxidized low density lipoprotein. Atherosclerosis, 1997, 134, 225. | 0.4 | 0 |
| 69 | 204 NARDILYSIN IS ASSOCIATED WITH PROSTATE CANCER AGGRESSIVENESS AND IS A POTENTIAL TISSUE AND SERUM MARKER. Journal of Urology, 2013, 189, . | 0.2 | 0 |
| 70 | Nardilysin Functions as a Tumor Suppressor in Pancreatic Ductal Adenocarcinoma Through Maintaining Acinar Cell Differentiation and Suppressing Pancreatitis. Gastroenterology, 2017, 152, S17. | 0.6 | 0 |
| 71 | Response to Letter of Stephenson et al.: Nardilysin: A potential biomarker for the early diagnosis of acute coronary syndrome. International Journal of Cardiology, 2019, 277, 249. | 0.8 | 0 |
| 72 | Deficiency of Nardilysin in the Liver Reduces Serum Cholesterol Levels. Biological and Pharmaceutical Bulletin, 2021, 44, 363-371. | 0.6 | 0 |

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| 73 | Nardilysin is a promising biomarker for the early diagnosis of acute coronary syndrome. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-4. | 0.0 | 0 |
| 74 | MicroRNA-494 plays a role in fiber type-specific skeletal myogenesis by targeting transcriptional coactivator p300 in human induced pluripotent stem cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR19-3. | 0.0 | 0 |