Koichi Kokame

List of Publications by Year
in descending order

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122 papers	7,414 citations	57758 44 h-index	54911 84 g-index
125 all docs	125 docs citations	125 times ranked	7443 citing authors

#	Article	IF	Citations
1	FRETSâ€VWF73, a first fluorogenic substrate for ADAMTS13 assay. British Journal of Haematology, 2005, 129, 93-100.	2.5	540
2	Mutations and common polymorphisms in ADAMTS13 gene responsible for von Willebrand factor-cleaving protease activity. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11902-11907.	7.1	398
3	Differential Contributions of ATF6 and XBP1 to the Activation of Endoplasmic Reticulum Stress-Responsive cis-Acting Elements ERSE, UPRE and ERSE-II. Journal of Biochemistry, 2004, 136, 343-350.	1.7	347
4	Homocysteine-respondent Genes in Vascular Endothelial Cells Identified by Differential Display Analysis. Journal of Biological Chemistry, 1996, 271, 29659-29665.	3.4	317
5	Glucose Down-regulates Per1 and Per2mRNA Levels and Induces Circadian Gene Expression in Cultured Rat-1 Fibroblasts. Journal of Biological Chemistry, 2002, 277, 44244-44251.	3.4	277
6	Herp, a New Ubiquitin-like Membrane Protein Induced by Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2000, 275, 32846-32853.	3.4	274
7	Lipid modification at the N terminus of photoreceptor G-protein Î±-subunit. Nature, 1992, 359, 749-752.	27.8	251
8	Identification of ERSE-II, a New cis-Acting Element Responsible for the ATF6-dependent Mammalian Unfolded Protein Response. Journal of Biological Chemistry, 2001, 276, 9199-9205.	3.4	226
9	Peripheral ghrelin transmits orexigenic signals through the noradrenergic pathway from the hindbrain to the hypothalamus. Cell Metabolism, 2006, 4, 323-331.	16.2	206
10	Characterization of the Human NDRG Gene Family: A Newly Identified Member, NDRG4, Is Specifically Expressed in Brain and Heart. Genomics, 2001, 73, 86-97.	2.9	199
11	Evolution of the Androgen Receptor Pathway during Progression of Prostate Cancer. Cancer Research, 2006, 66, 5012-5020.	0.9	187
12	ADAMTS-13 cysteine-rich/spacer domains are functionally essential for von Willebrand factor cleavage. Blood, 2003, 102, 3232-3237.	1.4	180
13	VWF73, a region from D1596 to R1668 of von Willebrand factor, provides a minimal substrate for ADAMTS-13. Blood, 2004, 103, 607-612.	1.4	171
14	Crystal structures of the noncatalytic domains of ADAMTS13 reveal multiple discontinuous exosites for von Willebrand factor. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19274-19279.	7.1	149
15	Complete deficiency in ADAMTS13 is prothrombotic, but it alone is not sufficient to cause thrombotic thrombocytopenic purpura. Blood, 2006, 107, 3161-3166.	1.4	147
16	Molecular characterization of ADAMTS13 gene mutations in Japanese patients with Upshaw-Schulman syndrome. Blood, 2003, 103, 1305-1310.	1.4	135
17	Ndrg1 -Deficient Mice Exhibit a Progressive Demyelinating Disorder of Peripheral Nerves. Molecular and Cellular Biology, 2004, 24, 3949-3956.	2.3	126
18	Luman/CREB3 Induces Transcription of the Endoplasmic Reticulum (ER) Stress Response Protein Herp through an ER Stress Response Element. Molecular and Cellular Biology, 2006, 26, 7999-8010.	2.3	126

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19	Pregnancyâ€induced thrombocytopenia and TTP, and the risk of fetal death, in Upshawâ€“Schulman syndrome: a series of 15 pregnancies in 9 genotyped patients. British Journal of Haematology, 2009, 144, 742-754.	2.5	125
20	Endoplasmic Reticulum Stress-inducible Protein, Herp, Enhances Presenilin-mediated Generation of Amyloid Î²-Protein. Journal of Biological Chemistry, 2002, 277, 12915-12920.	3.4	119
21	ADAMTS13 gene deletion aggravates ischemic brain damage: a possible neuroprotective role of ADAMTS13 by ameliorating postischemic hypoperfusion. Blood, 2010, 115, 1650-1653.	1.4	112
22	Herp Stabilizes Neuronal Ca2+ Homeostasis and Mitochondrial Function during Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2004, 279, 28733-28743.	3.4	106
23	The Satb1 Protein Directs Hematopoietic Stem Cell Differentiation toward Lymphoid Lineages. Immunity, 2013, 38, 1105-1115.	14.3	100
24	The International Hereditary Thrombotic Thrombocytopenic Purpura Registry: key findings at enrollment until 2017. Haematologica, 2019, 104, 2107-2115.	3.5	99
25	Prevalence of genetic mutations in protein S, protein C and antithrombin genes in Japanese patients with deep vein thrombosis. Thrombosis Research, 2009, 124, 14-18.	1.7	94
26	Differential Expression Patterns of NDRG Family Proteins in the Central Nervous System. Journal of Histochemistry and Cytochemistry, 2008, 56, 175-182.	2.5	91
27	Activation of Thrombin-activable Fibrinolysis Inhibitor Requires Epidermal Growth Factor-like Domain 3 of Thrombomodulin and Is Inhibited Competitively by Protein C. Journal of Biological Chemistry, 1998, 273, 12135-12139.	3.4	84
28	Phosphorylation of RTP, an ER Stress-Responsive Cytoplasmic Protein. Biochemical and Biophysical Research Communications, 2000, 272, 641-647.	2.1	79
29	Association BetweenSAH, an Acyl-CoA Synthetase Gene, and Hypertriglyceridemia, Obesity, and Hypertension. Circulation, 2002, 105, 41-47.	1.6	76
30	Genetic defects leading to hereditary thrombotic thrombocytopenic purpura. Seminars in Hematology, 2004, 41, 34-40.	3.4	75
31	Diagnostic and treatment guidelines for thrombotic thrombocytopenic purpura (TTP) 2017 in Japan. International Journal of Hematology, 2017, 106, 3-15.	1.6	75
32	Zinc and Calcium Ions Cooperatively Modulate ADAMTS13 Activity. Journal of Biological Chemistry, 2006, 281, 850-857.	3.4	72
33	The distal carboxyl-terminal domains of ADAMTS13 are required for regulation of in vivo thrombus formation. Blood, 2009, 113, 5323-5329.	1.4	71
34	STT3B-Dependent Posttranslational N-Glycosylation as a Surveillance System for Secretory Protein. Molecular Cell, 2012, 47, 99-110.	9.7	69
35	Acquired von Willebrand Syndrome Associated with Cardiovascular Diseases. Journal of Atherosclerosis and Thrombosis, 2019, 26, 303-314.	2.0	69
36	The endothelial antigen ESAM marks primitive hematopoietic progenitors throughout life in mice. Blood, 2009, 113, 2914-2923.	1.4	68

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37	NDRG4 Protein-deficient Mice Exhibit Spatial Learning Deficits and Vulnerabilities to Cerebral Ischemia. Journal of Biological Chemistry, 2011, 286, 26158-26165.	3.4	67
38	The primary structure of iodopsin, a chicken red-sensitive cone pigment. FEBS Letters, 1990, 272, 128-132.	2.8	65
39	Light-dependent and circadian clock-regulated activation of sterol regulatory element-binding protein, X-box-binding protein 1, and heat shock factor pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4864-4869.	7.1	64
40	Identification of Strain-specific Variants of Mouse Adamts13 Gene Encoding von Willebrand Factor-cleaving Protease. Journal of Biological Chemistry, 2004, 279, 30896-30903.	3.4	60
41	Homocysteine-induced endoplasmic reticulum protein (Herp) is up-regulated in sporadic inclusion-body myositis and in endoplasmic reticulum stress-induced cultured human muscle fibers. Journal of Neurochemistry, 2006, 96, 1491-1499.	3.9	60
42	Derlin-1 Deficiency Is Embryonic Lethal, Derlin-3 Deficiency Appears Normal, and Herp Deficiency Is Intolerant to Glucose Load and Ischemia in Mice. PLoS ONE, 2012, 7, e34298.	2.5	57
43	Polycystin-2 is regulated by endoplasmic reticulum-associated degradation. Human Molecular Genetics, 2008, 17, 1109-1119.	2.9	50
44	Impaired Mast Cell Maturation and Degranulation and Attenuated Allergic Responses in Ndrg1-Deficient Mice. Journal of Immunology, 2007, 178, 7042-7053.	0.8	47
45	Hypoxia-Inducible Factor-3.ALPHA. Functions as an Accelerator of 3T3-L1 Adipose Differentiation. Biological and Pharmaceutical Bulletin, 2009, 32, 1166-1172.	1.4	43
46	Subcellular Stress Response after Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 599-612.	3.4	42
47	ADAMTS13 gene deletion enhances plasma high-mobility group box1 elevation and neuroinflammation in brain ischemiaâ€“reperfusion injury. Neurological Sciences, 2012, 33, 1107-1115.	1.9	40
48	The effect of Ndrg2 expression on astroglial activation. Neurochemistry International, 2011, 59, 21-27.	3.8	39
49	The ubiquitin-like domain of Herp is involved in Herp degradation, but not necessary for its enhancement of amyloid Î²-protein generation. FEBS Letters, 2003, 553, 151-156.	2.8	37
50	Up-regulation of endothelial nitric oxide synthase (eNOS), silent mating type information regulation 2 homologue 1 (SIRT1) and autophagy-related genes by repeated treatments with resveratrol in human umbilical vein endothelial cells. British Journal of Nutrition, 2013, 110, 2150-2155.	2.3	36
51	Phosphorylation of iodopsin, chicken red-sensitive cone visual pigment. Biochemistry, 1990, 29, 10102-10106.	2.5	35
52	Clinical characteristics and genetic backgrounds of Japanese patients with atypical hemolytic uremic syndrome. Clinical and Experimental Nephrology, 2018, 22, 1088-1099.	1.6	35
53	Novel compound heterozygote mutations (H234Q/R1206X) of the ADAMTS13 gene in an adult patient with Upshawâ€“Schulman syndrome showing predominant episodes of repeated acute renal failure. Nephrology Dialysis Transplantation, 2006, 21, 1289-1292.	0.7	34
54	Role of Heterogeneous N-terminal Acylation of Recoverin in Rhodopsin Phosphorylation. Journal of Biological Chemistry, 1995, 270, 15459-15462.	3.4	28

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55	Ndrg1 is a T-cell clonal anergy factor negatively regulated by CD28 costimulation and interleukin-2. Nature Communications, 2015, 6, 8698.	12.8	28
56	The role of a common TNNT2 polymorphism in cardiac hypertrophy. Journal of Human Genetics, 2004, 49, 129-133.	2.3	27
57	Exacerbated venous thromboembolism in mice carrying a protein S K196E mutation. Blood, 2015, 126, 2247-2253.	1.4	27
58	ADAMTS13 safeguards the myocardium in a mouse model of acute myocardial infarction. Thrombosis and Haemostasis, 2012, 108, 1236-1238.	3.4	26
59	Gene and protein analysis of brain derived neurotrophic factor expression in relation to neurological recovery induced by an enriched environment in a rat stroke model. Neuroscience Letters, 2011, 495, 210-215.	2.1	25
60	A Deficiency of Herp, an Endoplasmic Reticulum Stress Protein, Suppresses Atherosclerosis in ApoE Knockout Mice by Attenuating Inflammatory Responses. PLoS ONE, 2013, 8, e75249.	2.5	25
61	Nonradioactive Differential Display Cloning of Genes Induced by Homocysteine in Vascular Endothelial Cells. Methods, 1998, 16, 434-443.	3.8	24
62	Measurement of ADAMTS13 activity and inhibitors. Current Opinion in Hematology, 2005, 12, 384-389.	2.5	24
63	Deletion of Herp facilitates degradation of cytosolic proteins. Genes To Cells, 2010, 15, 843-853.	1.2	23
64	Identification and isolation of common and tissue-specific geranylgeranylated gamma subunits of guanine-nucleotide-binding regulatory proteins in various tissues. FEBS Journal, 1992, 210, 1061-1069.	0.2	22
65	Genetic analysis of patients with deep vein thrombosis during pregnancy and postpartum. International Journal of Hematology, 2011, 94, 150-155.	1.6	22
66	Genetic variations in complement factors in patients with congenital thrombotic thrombocytopenic purpura with renal insufficiency. International Journal of Hematology, 2016, 103, 283-291.	1.6	20
67	Success and limitations of plasma treatment in pregnant women with congenital thrombotic thrombocytopenic purpura. Journal of Thrombosis and Haemostasis, 2020, 18, 2929-2941.	3.8	20
68	Identification of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-inducible genes in human amniotic epithelial cells. Reproductive Biology and Endocrinology, 2006, 4, 27.	3.3	18
69	Patent ductus arteriosus generates neonatal hemolytic jaundice with thrombocytopenia in Upshaw-Schulman syndrome. Blood Advances, 2019, 3, 3191-3195.	5.2	18
70	ADAMTS13 Retards Progression of Diabetic Nephropathy by Inhibiting Intrarenal Thrombosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1332-1338.	2.4	17
71	Identification of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-inducible and -suppressive Genes in the Rat Placenta: Induction of Interferon-regulated Genes with Possible Inhibitory Roles for Angiogenesis in the Placenta. Endocrine Journal, 2004, 51, 569-577.	1.6	16
72	Nonsynonymous mutations in three anticoagulant genes in Japanese patients with adverse pregnancy outcomes. Thrombosis Research, 2014, 133, 914-918.	1.7	16

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73	Herpud1 negatively regulates pathological cardiac hypertrophy by inducing IP3 receptor degradation. Scientific Reports, 2017, 7, 13402.	3.3	16
74	Tissue factor pathway inhibitor induces expression of JUNB and GADD45B mRNAs. Biochemical and Biophysical Research Communications, 2002, 299, 847-852.	2.1	15
75	Derlin-3 Is Required for Changes in ERAD Complex Formation under ER Stress. International Journal of Molecular Sciences, 2020, 21, 6146.	4.1	15
76	Long term follow up of congenital thrombotic thrombocytopenic purpura (Upshaw-Schulman) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.8	14
77	Influence of a Rotational Speed Modulation System Used With an Implantable Continuousâ€Flow Left Ventricular Assist Device on von Willebrand Factor Dynamics. Artificial Organs, 2016, 40, 877-883.	1.9	14
78	Identifying patients at high risk of heparin-induced thrombocytopenia-associated thrombosis with a platelet activation assay using flow cytometry. Thrombosis and Haemostasis, 2017, 117, 127-138.	3.4	14
79	ELISA-Based Detection System for Protein S K196E Mutation, a Genetic Risk Factor for Venous Thromboembolism. PLoS ONE, 2015, 10, e0133196.	2.5	14
80	NDRG1 Deficiency Attenuates Fetal Growth and the Intrauterine Response to Hypoxic Injury. Endocrinology, 2014, 155, 1099-1106.	2.8	13
81	Herpud1 impacts insulin-dependent glucose uptake in skeletal muscle cells by controlling the Ca2+-calcineurin-Akt axis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1653-1662.	3.8	13
82	Analysis of Gene Expression in Homocysteine-Injured Vascular Endothelial Cells: Demonstration of GRP78/BiP Expression, Cloning and Characterization of a Novel Reducing Agent-Tunicamycin Regulated Gene. Seminars in Thrombosis and Hemostasis, 1998, 24, 285-291.	2.7	12
83	Identification of the Î±-Subunits of Rod and Cone Transducin in Chicken Photoreceptor Cells. Experimental Eye Research, 1993, 57, 135-140.	2.6	11
84	ADAMTS13 assays and ADAMTS13-deficient mice. Current Opinion in Hematology, 2007, 14, 277-283.	2.5	10
85	Regulation of P450 oxidoreductase by gonadotropins in rat ovary and its effect on estrogen production. Reproductive Biology and Endocrinology, 2008, 6, 62.	3.3	10
86	Gene expression associated with an enriched environment after transient focal ischemia. Brain Research, 2011, 1376, 60-65.	2.2	10
87	Current prophylactic plasma infusion protocols do not adequately prevent longâ€term cumulative organ damage in the Japanese congenital thrombotic thrombocytopenic purpura cohort. British Journal of Haematology, 2021, 194, 444-452.	2.5	10
88	ER-stress-inducible Herp, facilitates the degradation of immature nicastrin. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 790-798.	2.4	9
89	Candidate gene analysis using genomic quantitative PCR : identification of ADAMTS13 large deletions in two patients with U pshawâ€•S chulman syndrome. Molecular Genetics & Genomic Medicine, 2014, 2, 240-244.	1.2	9
90	Production, crystallization and preliminary crystallographic analysis of an exosite-containing fragment of human von Willebrand factor-cleaving proteinase ADAMTS13. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 739-742.	0.7	8

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91	Hereditary Deficiency of ADAMTS13 Activity: Upshawâ€“Schulman Syndrome. , 2015, , 73-90.		8
92	Case of maternal and fetal deaths due to severe congenital thrombotic thrombocytopenic purpura (Upshaw-Schulman syndrome) during pregnancy. Journal of Obstetrics and Gynaecology Research, 2014, 40, 247-249.	1.3	7
93	No association between dysplasminogenemia with p.Ala620Thr mutation and atypical hemolytic uremic syndrome. International Journal of Hematology, 2016, 104, 223-227.	1.6	7
94	V-ATPase V0a1 promotes Weibelâ€“Palade body biogenesis through the regulation of membrane fission. ELife, 2021, 10, .	6.0	7
95	Immunohistochemical Localization of Opsins and Alpha-Subunit of Transducin in the Pineal Complex and Deep Brain of the Japanese Grass Lizard, Takydromus tachydromoides. Zoological Science, 2001, 18, 325-330.	0.7	6
96	Severe Hemolysis and Pulmonary Hypertension in a Neonate With Upshawâ€“Schulman Syndrome. Pediatrics, 2016, 138, .	2.1	6
97	Effects of low-dose combined oral contraceptives and protein S K196E mutation on anticoagulation factors: a prospective observational study. International Journal of Hematology, 2019, 109, 641-649.	1.6	6
98	A novel homozygous variant of the thrombomodulin gene causes a hereditary bleeding disorder. Blood Advances, 2021, 5, 3830-3838.	5.2	6
99	Deletion ofHerpud1Enhances Heme Oxygenase-1 Expression in a Mouse Model of Parkinsonâ€™s Disease. Parkinson's Disease, 2016, 2016, 1-9.	1.1	5
100	Upshaw-Schulman syndrome diagnosed during pregnancy complicated by reversible cerebral vasoconstriction syndrome. Transfusion and Apheresis Science, 2018, 57, 790-792.	1.0	5
101	Binding of von Willebrand factor cleaving protease ADAMTS13 to Lys-plasmin(ogen). Journal of Biochemistry, 2012, 152, 251-258.	1.7	4
102	Protein S K196E mutation reduces its cofactor activity for APC but not for TFPI. Research and Practice in Thrombosis and Haemostasis, 2018, 2, 751-756.	2.3	4
103	Carrier frequencies of antithrombin, protein C, and protein S deficiency variants estimated using a public database and expression experiments. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 179-186.	2.3	4
104	Arf GTPase-activating proteins SMAP1 and AGFG2 regulate the size of Weibel-Palade bodies and exocytosis of von Willebrand factor. Biology Open, 2021, 10, .	1.2	4
105	Novel CFHR2-CFHR1 Hybrid in C3 Glomerulopathy Identified by Genomic Structural Variation Analysis. Kidney International Reports, 2019, 4, 1759-1762.	0.8	3
106	Cerebral venous sinus thrombosis associated with protein S deficiency during pregnancy: a case report. Journal of Obstetrics and Gynaecology, 2020, 40, 135-136.	0.9	3
107	First report of inherited protein S deficiency caused by paternal <I>PROS1</I> mosaicism. Haematologica, 2022, 107, 330-333.	3.5	3
108	Preparation and Characterization of Monoclonal Antibodies Specific for Lauroylated Isoform of Bovine Transducin Î±-Subunit: Immunohistochemical Analysis of Bovine Retinas. Journal of Neurochemistry, 2002, 66, 2188-2196.	3.9	2

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109	Knockâ€in mice bearing constitutively active Î±IIb(R990W) mutation develop macrothrombocytopenia with severe platelet dysfunction. Journal of Thrombosis and Haemostasis, 2020, 18, 497-509.	3.8	2
110	Commonly used antiâ€“von Willebrand factor antibody for multimer analysis crossâ€reacts with fibronectin, which is difficult to distinguish from von Willebrand factor. Research and Practice in Thrombosis and Haemostasis, 2021, 5, e12598.	2.3	2
111	Experience of the use of octreotide for refractory gastrointestinal bleeding in a patient with Jarvik2000Â® left ventricular assist device. Journal of Artificial Organs, 2019, 22, 334-337.	0.9	1
112	Predictive value of protein S-specific activity and ELISA testing in patients with the protein S K196E mutation. Thrombosis Research, 2020, 185, 1-4.	1.7	1
113	Title is missing!. Japanese Journal of Thrombosis and Hemostasis, 2003, 14, 40-43.	0.1	1
114	About ADAMTS13. Japanese Journal of Thrombosis and Hemostasis, 2009, 20, 377-397.	0.1	1
115	Subsequent Response of VWF and ADAMTS13 to Aortic Valve Replacement. Journal of Atherosclerosis and Thrombosis, 2016, 23, 1141-1143.	2.0	1
116	A first bout of thrombotic thrombocytopenic purpura triggered by herpes simplex infection in a 45-year-old nulliparous female with Upshaw-Schulman syndrome. Blood Transfusion, 2014, 12 Suppl 1, s153-5.	0.4	1
117	Low-Dose Activated Protein C Suppresses the Development of Cerebral Infarction and Neurological Deficits in Mice. Neurosurgery Open, 2020, 1, .	0.2	0
118	Estimating the frequencies of pathogenic variants of antithrombin, protein C, and protein S using a public database and expression experiments. Japanese Journal of Thrombosis and Hemostasis, 2021, 32, 635-637.	0.1	0
119	ADAMTS13 of Japanese people. Japanese Journal of Thrombosis and Hemostasis, 2011, 22, 368-373.	0.1	0
120	Candidate gene analysis using genomic quantitative PCR to complement direct sequencing. Japanese Journal of Thrombosis and Hemostasis, 2014, 25, 615-618.	0.1	0
121	Molecular diagnosis of TTP. Japanese Journal of Thrombosis and Hemostasis, 2014, 25, 689-696.	0.1	0
122	Genetic diagnosis of TMA: TTP and aHUS. Japanese Journal of Thrombosis and Hemostasis, 2020, 31, 17-27.	0.1	0