

Yoshinobu Kariya

List of Publications by Year in descending order

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36
papers

1,450
citations

236925

25
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Acetylglucosaminyltransferase III Antagonizes the Effect of N-Acetylglucosaminyltransferase V on $\alpha_3\beta_1$ Integrin-mediated Cell Migration. <i>Journal of Biological Chemistry</i> , 2006, 281, 32122-32130.	3.4	129
2	Potential roles of N-glycosylation in cell adhesion. <i>Glycoconjugate Journal</i> , 2012, 29, 599-607.	2.7	124
3	Deletion of Core Fucosylation on $\alpha_3\beta_1$ Integrin Down-regulates Its Functions. <i>Journal of Biological Chemistry</i> , 2006, 281, 38343-38350.	3.4	123
4	Bisecting GlcNAc Residues on Laminin-332 Down-regulate Galectin-3-dependent Keratinocyte Motility. <i>Journal of Biological Chemistry</i> , 2010, 285, 3330-3340.	3.4	67
5	A Mutual Regulation between Cell-Cell Adhesion and N-Glycosylation: Implication of the Bisecting GlcNAc for Biological Functions. <i>Journal of Proteome Research</i> , 2009, 8, 431-435.	3.7	64
6	Importance of N-Glycosylation on $\alpha_5\beta_1$ Integrin for Its Biological Functions. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 780-785.	1.4	62
7	Regulation of Proliferation and Chondrogenic Differentiation of Human Mesenchymal Stem Cells by Laminin-5 (Laminin-332). <i>Stem Cells</i> , 2006, 24, 2346-2354.	3.2	59
8	The basement membrane protein laminin-5 acts as a soluble cell motility factor. <i>Experimental Cell Research</i> , 2004, 297, 508-520.	2.6	57
9	Insulin-like Growth Factor-1 Induces Migration and Expression of Laminin-5 in Cultured Human Corneal Epithelial Cells. , 2006, 47, 873.		53
10	Efficient Expression System of Human Recombinant Laminin-5. <i>Journal of Biochemistry</i> , 2002, 132, 607-612.	1.7	44
11	N-Glycosylation of Laminin-332 Regulates Its Biological Functions. <i>Journal of Biological Chemistry</i> , 2008, 283, 33036-33045.	3.4	44
12	Osteopontin <i>O</i> -glycosylation contributes to its phosphorylation and cell-adhesion properties. <i>Biochemical Journal</i> , 2014, 463, 93-102.	3.7	42
13	Functional Roles of the Bisecting GlcNAc in Integrin-Mediated Cell Adhesion. <i>Methods in Enzymology</i> , 2010, 480, 445-459.	1.0	41
14	N-Glycosylation of α_4 Integrin Controls the Adhesion and Motility of Keratinocytes. <i>PLoS ONE</i> , 2011, 6, e27084.	2.5	37
15	Differential regulation of cellular adhesion and migration by recombinant laminin-5 forms with partial deletion or mutation within the G3 domain of β_3 chain. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 506-520.	2.6	36
16	Laminin-6 Is Activated by Proteolytic Processing and Regulates Cellular Adhesion and Migration Differently from Laminin-5. <i>Journal of Biological Chemistry</i> , 2002, 277, 49287-49295.	3.4	34
17	Regulation of Biological Activity and Matrix Assembly of Laminin-5 by COOH-terminal, LG4 ⁵ Domain of α_3 Chain. <i>Journal of Biological Chemistry</i> , 2005, 280, 14370-14377.	3.4	34
18	N -acetylglucosaminyltransferase III expression is regulated by cell-cell adhesion via the $\alpha_3\beta_1$ integrin-catenin-actin complex. <i>Proteomics</i> , 2008, 8, 3221-3228.	2.2	34

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19	Evaluation of blood-brain barrier function by quotient alpha2 macroglobulin and its relationship with interleukin-6 and complement component 3 levels in neuropsychiatric systemic lupus erythematosus. <i>PLoS ONE</i> , 2017, 12, e0186414.	2.5	34
20	Characterization of Laminin 5B and NH2-terminal Proteolytic Fragment of Its β 3 Chain. <i>Journal of Biological Chemistry</i> , 2004, 279, 24774-24784.	3.4	32
21	Regulation of Cell Adhesion and Type VII Collagen Binding by the β 3 Chain Short Arm of Laminin-5: Effect of Its Proteolytic Cleavage. <i>Journal of Biochemistry</i> , 2005, 138, 539-552.	1.7	31
22	β 4-Integrin/PI3K Signaling Promotes Tumor Progression through the Galectin-3 α -N-Glycan Complex. <i>Molecular Cancer Research</i> , 2018, 16, 1024-1034.	3.4	30
23	Regulation of biological activity of laminin-5 by proteolytic processing of β 2 chain. <i>Journal of Cellular Biochemistry</i> , 2004, 92, 701-714.	2.6	29
24	Roles of Integrin β 4 Glycosylation in Cancer. <i>Cancers</i> , 2017, 9, 79.	3.7	29
25	Biological role of site-specific O-glycosylation in cell adhesion activity and phosphorylation of osteopontin. <i>Biochemical Journal</i> , 2018, 475, 1583-1595.	3.7	29
26	Polymerized Laminin-332 Matrix Supports Rapid and Tight Adhesion of Keratinocytes, Suppressing Cell Migration. <i>PLoS ONE</i> , 2012, 7, e35546.	2.5	27
27	β 3 Integrin induces partial EMT independent of TGF- β 2 signaling. <i>Communications Biology</i> , 2021, 4, 490.	4.4	27
28	Nucleotide sequence of phospholipase A 2 gene expressed in snake pancreas reveals the molecular evolution of toxic phospholipase A 2 genes. <i>Gene</i> , 2002, 292, 225-231.	2.2	26
29	Localization of laminin β 3 chain in vascular and epithelial basement membranes of normal human tissues and its down-regulation in skin cancers. <i>Journal of Molecular Histology</i> , 2008, 39, 435-446.	2.2	19
30	Increased cerebrospinal fluid osteopontin levels and its involvement in macrophage infiltration in neuromyelitis optica. <i>BBA Clinical</i> , 2015, 3, 126-134.	4.1	16
31	The β 3 chain short arm of laminin-332 (laminin-5) induces matrix assembly and cell adhesion activity of laminin-511 (laminin-10). <i>Journal of Cellular Biochemistry</i> , 2007, 100, 545-556.	2.6	9
32	Downregulation of a newly identified laminin, laminin β 11, in vascular basement membranes of invasive human breast cancers. <i>Cancer Science</i> , 2011, 102, 1095-1100.	3.9	9
33	Lectin-dependent inhibition of antigen-antibody reaction: application for measuring β 2,6-sialylated glycoforms of transferrin. <i>Journal of Biochemistry</i> , 2013, 154, 229-232.	1.7	8
34	Ratio of Alpha 2-Macroglobulin Levels in Cerebrospinal Fluid and Serum: An Expression of Neuroinflammation in Acute Disseminated Encephalomyelitis. <i>Pediatric Neurology</i> , 2019, 98, 61-67.	2.1	5
35	In situ visualization of a glycoform of transferrin: localization of β 2,6-sialylated transferrin in the liver. <i>Journal of Biochemistry</i> , 2015, 157, 211-216.	1.7	4
36	Quantitative analysis of β 1,6GlcNAc-branched β 4-integrin-glycans on β 4 integrin in cutaneous squamous cell carcinoma. <i>Fukushima Journal of Medical Sciences</i> , 2020, 66, 119-123.	0.4	2