

Joel S Bennett

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,428
citations

471509

17
h-index

414414

32
g-index

54
all docs

54
docs citations

54
times ranked

1778
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel role for endoplasmic reticulum protein 46 (ERp46) in platelet function and arterial thrombosis in mice. <i>Blood</i> , 2022, 139, 2050-2065.	1.4	3
2	Visualization of Platelet Integrins via Two-Photon Microscopy Using Anti-transmembrane Domain Peptides Containing a Blue Fluorescent Amino Acid. <i>Biochemistry</i> , 2021, 60, 1722-1730.	2.5	2
3	Cleavage of talin by calpain promotes platelet-mediated fibrin clot contraction. <i>Blood Advances</i> , 2021, 5, 4901-4909.	5.2	8
4	Utilizing CRISPR-CAS9 Gene Editing Technology in Human Pluripotent Stem Cells to Study Platelet Integrin $\alpha\text{IIb}\beta\text{3}$ Function. <i>Blood</i> , 2020, 136, 3-3.	1.4	0
5	Modulating Integrin $\alpha\text{IIb}\beta\text{3}$ Activity through Mutagenesis of Allosterically Regulated Intersubunit Contacts. <i>Biochemistry</i> , 2019, 58, 3251-3259.	2.5	6
6	Unique transmembrane domain interactions differentially modulate integrin $\alpha\text{v}\beta\text{3}$ and $\alpha\text{IIb}\beta\text{3}$ function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12295-12300.	7.1	7
7	Direct Visualization of Platelet Integrins Using ANTI-Transmembrane Domain Peptides Containing a BLUE Fluorescent Amino Acid. <i>Blood</i> , 2019, 134, 2344-2344.	1.4	0
8	De novo designed transmembrane peptides activating the $\alpha\text{5}\beta\text{1}$ integrin. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 181-190.	2.1	14
9	Active Calpain Promotes Fibrin Clot Contraction By Strengthening the Coupling of Fibrin-Bound $\alpha\text{IIb}\beta\text{3}$ to the Platelet Cytoskeleton. <i>Blood</i> , 2018, 132, 1128-1128.	1.4	0
10	Strong Binding of Platelet Integrin $\alpha\text{IIb}\beta\text{3}$ to Fibrin Clots: Potential Target to Destabilize Thrombi. <i>Scientific Reports</i> , 2017, 7, 13001.	3.3	27
11	Are Antiplatelet Agents Beneficial in Essential Thrombocythemia? Maybe Yes, Probably No. <i>Annals of Internal Medicine</i> , 2017, 167, 206.	3.9	1
12	Directly Activating the Integrin $\alpha\text{IIb}\beta\text{3}$ Initiates Outside-In Signaling by Causing $\alpha\text{IIb}\beta\text{3}$ Clustering. <i>Journal of Biological Chemistry</i> , 2016, 291, 11706-11716.	3.4	26
13	Shedding New Light on the Platelet Storage Lesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1715-1716.	2.4	7
14	Characterization of the Interactions of Arg-Gly-Asp- and Ala-Gly-Asp-Val-Containing Peptides with the Platelet Integrin $\alpha\text{IIb}\beta\text{3}$. <i>Blood</i> , 2016, 128, 1350-1350.	1.4	0
15	Identification of Interacting Hot Spots in the αIIb Extracellular Stalk By Computational Alanine Scanning. <i>Blood</i> , 2016, 128, 2531-2531.	1.4	0
16	Regulation of integrins in platelets. <i>Biopolymers</i> , 2015, 104, 323-333.	2.4	36
17	The Tyrosine Kinase c-Src Specifically Binds to the Active Integrin $\alpha\text{IIb}\beta\text{3}$ to Initiate Outside-in Signaling in Platelets. <i>Journal of Biological Chemistry</i> , 2015, 290, 15825-15834.	3.4	25
18	The Platelet Integrin $\alpha\text{IIb}\beta\text{3}$ Differentially Interacts with Fibrin and Fibrinogen. <i>Blood</i> , 2015, 126, 3444-3444.	1.4	0

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19	Integrin α IIb β 3-Mediated c-Src Activation: Differential Binding to Inactive and Active c-Src. <i>Blood</i> , 2014, 124, 4158-4158.	1.4	0
20	Resolving Two-dimensional Kinetics of the Integrin α IIb β 3-Fibrinogen Interactions Using Binding-Unbinding Correlation Spectroscopy. <i>Journal of Biological Chemistry</i> , 2012, 287, 35275-35285.	3.4	36
21	Analysis of α 23 Binding to the c-Src SH3 Domain. <i>Blood</i> , 2012, 120, 383-383.	1.4	0
22	¿Como se LLAMA?. <i>Blood</i> , 2011, 118, 487-488.	1.4	1
23	The PLATELET INTEGRIN α IIb β 3 CHANGES FROM A LOWER- to A Higher-AFFINITY STATE DURING INTERACTION with FIBRINOGEN. <i>Blood</i> , 2011, 118, 1130-1130.	1.4	0
24	Identification of Interacting Hot Spots in the α 23 Integrin Stalk Using Comprehensive Interface Design. <i>Journal of Biological Chemistry</i> , 2010, 285, 38658-38665.	3.4	18
25	Specificity for Homooligomer versus Heterooligomer Formation in Integrin Transmembrane Helices. <i>Journal of Molecular Biology</i> , 2010, 401, 882-891.	4.2	21
26	Specific Thrombophilia Work-Up Approach. , 2010, 7, .		0
27	Time-Dependent Single-Molecule Interactions of the Platelet Integrin α IIb β 3 with Cyclic Arg-Gly-Asp and the Fibrin(ogen) α 3C-Dodecapeptide. <i>Blood</i> , 2010, 116, 2103-2103.	1.4	2
28	Interaction of the Integrin α IIb β 3 with Monomeric Fibrin at the Single-Molecule Level.. <i>Blood</i> , 2009, 114, 4018-4018.	1.4	0
29	Computationally Designed Peptide Inhibitors of Protein~Protein Interactions in Membranes. <i>Biochemistry</i> , 2008, 47, 8600-8606.	2.5	61
30	Outside-in: peptide versus integrin. <i>Blood</i> , 2008, 112, 453-454.	1.4	3
31	Measurement of the Lifetime of Bonds Between α IIb β 3 and Fibrinogen Using Constant Unbinding Forces Generated by Optical Tweezers. <i>Blood</i> , 2008, 112, 254-254.	1.4	0
32	Computational Design of Peptides That Target Transmembrane Helices. <i>Science</i> , 2007, 315, 1817-1822.	12.6	271
33	Blood orchestrates a leukocyte integrin trio. <i>Blood</i> , 2007, 109, 3137-3138.	1.4	2
34	The Design and Synthesis of Small Molecule Inhibitors of Collagen Binding to Integrin α 2 β 1 as Antithrombotic Agents.. <i>Blood</i> , 2007, 110, 306-306.	1.4	0
35	Identification of Oligomerization Motifs in the α 23 Transmembrane Domain.. <i>Blood</i> , 2007, 110, 416-416.	1.4	0
36	Activation of Individual α IIb β 3 Integrin Molecules by Disruption of Transmembrane Domain Interactions in the Absence of Clustering. <i>Biochemistry</i> , 2006, 45, 4957-4964.	2.5	21

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37	Regulation of the Function of $\alpha v \beta 3$ in Platelets by a Designed Peptide Targeting the αv Transmembrane Domain.. Blood, 2006, 108, 1504-1504.	1.4	7
38	Computational Design of a Model for the Platelet Integrin $\alpha IIb \beta 3$.. Blood, 2006, 108, 1528-1528.	1.4	0
39	Structure and function of the platelet integrin $\alpha IIb \beta 3$. Journal of Clinical Investigation, 2005, 115, 3363-3369.	8.2	300
40	A push-pull mechanism for regulating integrin function. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1424-1429.	7.1	118
41	Activation of Platelet $\alpha IIb \beta 3$ by Exogenous Peptides Corresponding to the Transmembrane Domains of αIIb and $\beta 3$.. Blood, 2005, 106, 384-384.	1.4	4
42	The Development of Small Molecule Inhibitors of Collagen Binding to the Integrin $\alpha 2 \beta 1$ as Antithrombotic Drugs.. Blood, 2005, 106, 3677-3677.	1.4	0
43	Two Specific Domains on the Upper Surface of the $\alpha IIb \beta 3$ Propeller Determine the Sensitivity of $\alpha IIb \beta 3$ for RGD-Containing Peptides.. Blood, 2005, 106, 2653-2653.	1.4	0
44	Quantitative Analysis of Platelet $\alpha v \beta 3$ Binding to Osteopontin Using Laser Tweezers. Journal of Biological Chemistry, 2003, 278, 51285-51290.	3.4	22
45	Fibrinogen is necessary for platelet function in vivo after all. Blood, 2003, 102, 3461-3461.	1.4	1
46	Acquired platelet function defects. , 2002, , 689-706.		4
47	Novel Platelet Inhibitors. Annual Review of Medicine, 2001, 52, 161-184.	12.2	100
48	Platelet-Fibrinogen Interactions. Annals of the New York Academy of Sciences, 2001, 936, 340-354.	3.8	138
49	Agonist-activated $\alpha v \beta 3$ on Platelets and Lymphocytes Binds to the Matrix Protein Osteopontin. Journal of Biological Chemistry, 1997, 272, 8137-8140.	3.4	100
50	Inherited Platelet α -Storage Pool Disease in Dogs Causing Severe Bleeding: An Animal Model for a Specific ADP Deficiency. Thrombosis and Haemostasis, 1995, 74, 949-953.	3.4	35