

Sergiy Yakovlev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multiple Binding Sites in Fibrinogen for Integrin $\alpha_2\beta_1$ (Mac-1). Journal of Biological Chemistry, 2004, 279, 44897-44906.	3.4	105
2	Direct Evidence for Specific Interactions of the Fibrinogen α_2 -Domains with the Central E Region and with Each Other. Biochemistry, 2007, 46, 9133-9142.	2.5	98
3	Polymerization of fibrin: direct observation and quantification of individual B β knob-hole interactions. Blood, 2007, 109, 130-138.	1.4	70
4	Structural Basis for Sequential Cleavage of Fibrinopeptides upon Fibrin Assembly,. Biochemistry, 2006, 45, 3588-3597.	2.5	68
5	Interaction of Fibrin(ogen) with Heparin: Further Characterization and Localization of the Heparin-Binding Site. Biochemistry, 2003, 42, 7709-7716.	2.5	61
6	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance. Journal of Cell Science, 2014, 127, 3578-92.	2.0	51
7	Interaction of Fibrin(ogen) with Leukocyte Receptor $\alpha_2\beta_1$ (Mac-1): Further Characterization and Identification of a Novel Binding Region within the Central Domain of the Fibrinogen α_2 -Module. Biochemistry, 2005, 44, 617-626.	2.5	50
8	Biomolecular Characterization of CD44-Fibrin(ogen) Binding. Journal of Biological Chemistry, 2009, 284, 1177-1189.	3.4	50
9	The Interaction of Integrin $\alpha_5\beta_1$ with Fibrin Occurs through Multiple Binding Sites in the α_5 Propeller Domain. Journal of Biological Chemistry, 2014, 289, 2371-2383.	3.4	47
10	Identification of VLDLR as a novel endothelial cell receptor for fibrin that modulates fibrin-dependent transendothelial migration of leukocytes. Blood, 2012, 119, 637-644.	1.4	41
11	Noncovalent Interaction of α_2 -Antiplasmin with Fibrin(ogen): Localization of α_2 -Antiplasmin-Binding Sites. Biochemistry, 2010, 49, 7643-7651.	2.5	37
12	Interaction of Fibrin(ogen) with the Endothelial Cell Receptor VE-Cadherin: Localization of the Fibrin-Binding Site within the Third Extracellular VE-Cadherin Domain. Biochemistry, 2009, 48, 5171-5179.	2.5	35
13	Effect of fibrinogen, fibrin, and fibrin degradation products on transendothelial migration of leukocytes. Thrombosis Research, 2018, 162, 93-100.	1.7	31
14	Integrin $\alpha_5\beta_1$:ligand interactions are linked to binding-site remodeling. Protein Science, 2006, 15, 1893-1906.	7.6	25
15	Interaction of Fibrin with the Very Low Density Lipoprotein Receptor: Further Characterization and Localization of the Fibrin-Binding Site. Biochemistry, 2015, 54, 4751-4761.	2.5	14
16	Anti-VLDL receptor monoclonal antibodies inhibit fibrin-VLDL receptor interaction and reduce fibrin-dependent leukocyte transmigration. Thrombosis and Haemostasis, 2016, 116, 1122-1130.	3.4	13
17	Fibrin-VLDL Receptor-Dependent Pathway Promotes Leukocyte Transmigration by Inhibiting Src Kinase Fyn and is a Target for Fibrin α_2 -42 Peptide. Thrombosis and Haemostasis, 2019, 119, 1816-1826.	3.4	13
18	Interaction of Fibrin with the Very Low-Density Lipoprotein (VLDL) Receptor: Further Characterization and Localization of the VLDL Receptor-Binding Site in Fibrin α_2 -Domains. Biochemistry, 2017, 56, 2518-2528.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Interaction of Fibrin(ogen) with Apolipoprotein(a): Further Characterization and Identification of a Novel Lysine-Dependent Apolipoprotein(a)-Binding Site within the β^3 Chain 287-411 Region. <i>Biochemistry</i> , 2006, 45, 10624-10632.	2.5	9
20	Polymerisation of fibrin β -C-domains promotes endothelial cell migration and proliferation. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1244-1251.	3.4	7
21	Nuclear Magnetic Resonance Solution Structure of the Recombinant Fragment Containing Three Fibrin-Binding Cysteine-Rich Domains of the Very Low Density Lipoprotein Receptor. <i>Biochemistry</i> , 2018, 57, 4395-4403.	2.5	7
22	Structural Basis for the Interaction of Fibrin with the Very Low-Density Lipoprotein Receptor Revealed by NMR and Site-Directed Mutagenesis. <i>Biochemistry</i> , 2021, 60, 2537-2548.	2.5	2
23	Dual functions of the fibrin β -N-domains in the VLDL receptor-dependent pathway of transendothelial migration of leukocytes. <i>Thrombosis Research</i> , 2022, 214, 1-7.	1.7	2