

# Francis J Castellino

## List of Publications by Year in descending order

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121  
papers

3,670  
citations

159585

30  
h-index

155660

55  
g-index

123  
all docs

123  
docs citations

123  
times ranked

2769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of <i>Streptococcus pyogenes</i> has maximized the efficiency of the Sortase A cleavage motif for cell wall transpeptidation. <i>Journal of Biological Chemistry</i> , 2022, , 101940.	3.4	0
2	Relationships Between Plasminogen-Binding M-Protein and Surface Enolase for Human Plasminogen Acquisition and Activation in <i>Streptococcus pyogenes</i> . <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	3
3	<i>Streptococcus</i> co-opts a conformational lock in human plasminogen to facilitate streptokinase cleavage and bacterial virulence. <i>Journal of Biological Chemistry</i> , 2021, 296, 100099.	3.4	5
4	Group A <i>Streptococcus</i> -Induced Activation of Human Plasminogen Is Required for Keratinocyte Wound Retraction and Rapid Clot Dissolution. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 667554.	2.4	3
5	Binding of the kringle $\epsilon$ 2 domain of human plasminogen to streptococcal PAM $\alpha$ -type M $\epsilon$ -protein causes dissociation of PAM dimers. <i>MicrobiologyOpen</i> , 2021, 10, e1252.	3.0	1
6	Plasminogen Deficiency Significantly Reduces Vascular Wall Disease in a Murine Model of Type IIa Hypercholesterolemia. <i>Biomedicines</i> , 2021, 9, 1832.	3.2	6
7	Fibrin is a critical regulator of neutrophil effector function at the oral mucosal barrier. <i>Science</i> , 2021, 374, eabl5450.	12.6	75
8	The M Protein of <i>Streptococcus pyogenes</i> Strain AP53 Retains Cell Surface Functional Plasminogen Binding after Inactivation of the Sortase A Gene. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	6
9	A unique combination of glycoside hydrolases in <i>Streptococcus suis</i> specifically and sequentially acts on host-derived $\beta$ -Gal-epitope glycans. <i>Journal of Biological Chemistry</i> , 2020, 295, 10638-10652.	3.4	4
10	In situ metabolite and lipid analysis of <i>GluN2D</i> $\alpha$ $\beta$ and wild-type mice after ischemic stroke using MALDI MSI. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6275-6285.	3.7	11
11	Synthetic Antimicrobial Peptide Tuning Permits Membrane Disruption and Interpeptide Synergy. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 418-424.	4.9	18
12	A local $\beta$ -helix drives structural evolution of streptococcal M-protein affinity for host human plasminogen. <i>Biochemical Journal</i> , 2020, 477, 1613-1630.	3.7	4
13	Solution structural model of the complex of the binding regions of human plasminogen with its M-protein receptor from <i>Streptococcus pyogenes</i> . <i>Journal of Structural Biology</i> , 2019, 208, 18-29.	2.8	8
14	Structure and Function Characterization of the $\alpha$ 1a2 Motifs of <i>Streptococcus pyogenes</i> M Protein in Human Plasminogen Binding. <i>Journal of Molecular Biology</i> , 2019, 431, 3804-3813.	4.2	9
15	Recognition of Plasminogen Activator Inhibitor Type 1 as the Primary Regulator of Fibrinolysis. <i>Current Drug Targets</i> , 2019, 20, 1695-1701.	2.1	52
16	Characterizing the role of tissue-type plasminogen activator in a mouse model of Group A streptococcal infection. <i>Microbes and Infection</i> , 2019, 21, 412-417.	1.9	2
17	Variations in the secondary structures of PAM proteins influence their binding affinities to human plasminogen. <i>Journal of Structural Biology</i> , 2019, 206, 193-203.	2.8	15
18	Rational design of syn-safencin, a novel linear antimicrobial peptide derived from the circular bacteriocin safencin AS-48. <i>Journal of Antibiotics</i> , 2018, 71, 592-600.	2.0	20

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19	A deficiency of the GluN2C subunit of the N-methyl-D-aspartate receptor is neuroprotective in a mouse model of ischemic stroke. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 136-144.	2.1	13
20	Draft Genome Sequences of Six Skin Isolates of <i>Streptococcus pyogenes</i> . <i>Genome Announcements</i> , 2018, 6, .	0.8	1
21	Contributions of different modules of the plasminogen-binding <i>Streptococcus pyogenes</i> M-protein that mediate its functional dimerization. <i>Journal of Structural Biology</i> , 2018, 204, 151-164.	2.8	14
22	Characterization of Atherosclerosis Formation in a Murine Model of Type IIa Human Familial Hypercholesterolemia. <i>BioMed Research International</i> , 2018, 2018, 1-17.	1.9	9
23	Variable region in streptococcal M-proteins provides stable binding with host fibrinogen for plasminogen-mediated bacterial invasion. <i>Journal of Biological Chemistry</i> , 2017, 292, 6775-6785.	3.4	18
24	Conformationally organized lysine isosteres in <i>Streptococcus pyogenes</i> M protein mediate direct high-affinity binding to human plasminogen. <i>Journal of Biological Chemistry</i> , 2017, 292, 15016-15027.	3.4	13
25	Early coagulation events induce acute lung injury in a rat model of blunt traumatic brain injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L74-L86.	2.9	34
26	Plasminogen activator inhibitor-1 stimulates macrophage activation through Toll-like Receptor-4. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 503-508.	2.1	44
27	Discerning the Role of the Hydroxyproline Residue in the Structure of Conantokin RI-B and Its Role in GluN2B Subunit-Selective Antagonistic Activity toward N-Methyl-D-Aspartate Receptors. <i>Biochemistry</i> , 2016, 55, 7112-7122.	2.5	3
28	A CCR2 macrophage endocytic pathway mediates extravascular fibrin clearance in vivo. <i>Blood</i> , 2016, 127, 1085-1096.	1.4	33
29	Phenotypic differentiation of <i>Streptococcus pyogenes</i> populations is induced by recombination-driven gene-specific sweeps. <i>Scientific Reports</i> , 2016, 6, 36644.	3.3	24
30	Genomic Characterization of a Pattern D <i>Streptococcus pyogenes</i> emm53 Isolate Reveals a Genetic Rationale for Invasive Skin Tropicity. <i>Journal of Bacteriology</i> , 2016, 198, 1712-1724.	2.2	22
31	Pharmacology of trimeric N-Methyl-d-Aspartate Receptors. <i>Neuroscience Letters</i> , 2016, 617, 240-246.	2.1	24
32	<i>Streptococcus pyogenes</i> Employs Strain-dependent Mechanisms of C3b Inactivation to Inhibit Phagocytosis and Killing of Bacteria. <i>Journal of Biological Chemistry</i> , 2016, 291, 9181-9189.	3.4	20
33	Novel genomic rearrangements mediated by multiple genetic elements in <i>Streptococcus pyogenes</i> M23ND confer potential for evolutionary persistence. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1346-1359.	1.8	6
34	Abrogation of Plasminogen Activator Inhibitor-1-Vitronectin Interaction Ameliorates Acute Kidney Injury in Murine Endotoxemia. <i>PLoS ONE</i> , 2015, 10, e0120728.	2.5	18
35	Conantokin-G Attenuates Detrimental Effects of NMDAR Hyperactivity in an Ischemic Rat Model of Stroke. <i>PLoS ONE</i> , 2015, 10, e0122840.	2.5	18
36	Hydroxyproline-induced Helical Disruption in Conantokin RI-B Affects Subunit-selective Antagonistic Activities toward Ion Channels of N-Methyl-d-aspartate Receptors. <i>Journal of Biological Chemistry</i> , 2015, 290, 18156-18172.	3.4	8

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37	Direct Host Plasminogen Binding to Bacterial Surface M-protein in Pattern D Strains of <i>Streptococcus pyogenes</i> Is Required for Activation by Its Natural Coinherited SK2b Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 18833-18842.	3.4	22
38	CovRS-Regulated Transcriptome Analysis of a Hypervirulent M23 Strain of Group A <i>Streptococcus pyogenes</i> Provides New Insights into Virulence Determinants. <i>Journal of Bacteriology</i> , 2015, 197, 3191-3205.	2.2	17
39	Structural and Functional Properties of N-Methyl-D-Aspartate Receptor-Specific ConRIB. <i>FASEB Journal</i> , 2015, 29, 570.13.	0.5	0
40	Mutations in the Control of Virulence Sensor Gene from <i>Streptococcus pyogenes</i> after Infection in Mice Lead to Clonal Bacterial Variants with Altered Gene Regulatory Activity and Virulence. <i>PLoS ONE</i> , 2014, 9, e100698.	2.5	27
41	Dimerization Is Not a Determining Factor for Functional High Affinity Human Plasminogen Binding by the Group A Streptococcal Virulence Factor PAM and Is Mediated by Specific Residues within the PAM a1a2 Domain. <i>Journal of Biological Chemistry</i> , 2014, 289, 21684-21693.	3.4	17
42	Synthetic conantokin peptides potently inhibit N-methyl-D-aspartate receptor-mediated currents of retinal ganglion cells. <i>Journal of Neuroscience Research</i> , 2014, 92, 1767-1774.	2.9	7
43	Probing NMDA receptor GluN2A and GluN2B subunit expression and distribution in cortical neurons. <i>Neuropharmacology</i> , 2014, 79, 542-549.	4.1	7
44	Unique Genomic Arrangements in an Invasive Serotype M23 Strain of <i>Streptococcus pyogenes</i> Identify Genes That Induce Hypervirulence. <i>Journal of Bacteriology</i> , 2014, 196, 4089-4102.	2.2	20
45	The $\hat{I}^2$ -domain of cluster 2b streptokinase is a major determinant for the regulation of its plasminogen activation activity by cellular plasminogen receptors. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 595-598.	2.1	14
46	Non-invasive Imaging and Analysis of Cerebral Ischemia in Living Rats Using Positron Emission Tomography with <sup>18</sup> F-FDG. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	9
47	A Natural Inactivating Mutation in the CovS Component of the CovRS Regulatory Operon in a Pattern D Streptococcal <i>pyogenes</i> Strain Influences Virulence-associated Genes*. <i>Journal of Biological Chemistry</i> , 2013, 288, 6561-6573.	3.4	29
48	Functional differences between <i>Streptococcus pyogenes</i> cluster 1 and cluster 2b streptokinases are determined by their $\hat{I}^2$ -domains. <i>FEBS Letters</i> , 2013, 587, 1304-1309.	2.8	19
49	Complement-mediated Opsonization of Invasive Group A <i>Streptococcus pyogenes</i> Strain AP53 Is Regulated by the Bacterial Two-component Cluster of Virulence Responder/Sensor (CovRS) System. <i>Journal of Biological Chemistry</i> , 2013, 288, 27494-27504.	3.4	24
50	Antagonist Properties of <i>Conus parius</i> Peptides on N-Methyl-D-Aspartate Receptors and Their Effects on CREB Signaling. <i>PLoS ONE</i> , 2013, 8, e81405.	2.5	5
51	Bacterial Plasminogen Receptors Utilize Host Plasminogen System for Effective Invasion and Dissemination. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-19.	3.0	125
52	Characterization of Streptokinases from Group A Streptococci Reveals a Strong Functional Relationship That Supports the Coinheritance of Plasminogen-binding M Protein and Cluster 2b Streptokinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 42093-42103.	3.4	36
53	Opposing action of conantokin-G on synaptically and extrasynaptically-activated NMDA receptors. <i>Neuropharmacology</i> , 2012, 62, 2227-2238.	4.1	10
54	Abnormal Whole Blood Thrombi in Humans with Inherited Platelet Receptor Defects. <i>PLoS ONE</i> , 2012, 7, e52878.	2.5	9

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55	An accompanying genetic severe deficiency of tissue factor protects mice with a protein C deficiency from lethal endotoxemia. <i>Blood</i> , 2011, 117, 283-289.	1.4	9
56	The crystal structure of the calcium-bound con-G[Q6A] peptide reveals a novel metal-dependent helical trimer. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 257-266.	2.6	4
57	Ca <sup>2+</sup> -induced self-assembly in designed peptides with optimally spaced gamma-carboxyglutamic acid residues. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 52-57.	3.5	10
58	NMR Backbone Dynamics of VEK-30 Bound to the Human Plasminogen Kringle 2 Domain. <i>Biophysical Journal</i> , 2010, 99, 302-312.	0.5	14
59	Solution structure of the complex of VEK-30 and plasminogen kringle 2. <i>Journal of Structural Biology</i> , 2010, 169, 349-359.	2.8	21
60	A single plasmid transfection that offers a significant advantage associated with puromycin selection in <i>Drosophila</i> Schneider S2 cells expressing heterologous proteins. <i>Cytotechnology</i> , 2008, 57, 45-49.	1.6	33
61	The Lack of Binding of VEK-30, an Internal Peptide from the Group A Streptococcal M-like Protein, PAM, to Murine Plasminogen Is due to Two Amino Acid Replacements in the Plasminogen Kringle-2 Domain. <i>Journal of Biological Chemistry</i> , 2008, 283, 1580-1587.	3.4	19
62	<sup>13</sup> C-Glutamate and <sup>15</sup> N-Hydroxyaspartate in Proteins. , 2008, 446, 85-94.		8
63	Subtype-selective antagonism of N-methyl-D-aspartate receptor ion channels by synthetic conantokin peptides. <i>Neuropharmacology</i> , 2007, 53, 145-156.	4.1	28
64	X-ray Crystallographic Structure of the Angiogenesis Inhibitor, Angiostatin, Bound to a Peptide from the Group A Streptococcal Surface Protein PAM <sub>1</sub> . <i>Biochemistry</i> , 2006, 45, 11052-11060.	2.5	23
65	Plasminogen Activator Inhibitor 1 Deficiency Reduces the Progression of Atherosclerosis in a Murine Model of Human Familial Hypercholesterolemia.. <i>Blood</i> , 2006, 108, 1804-1804.	1.4	0
66	Performance of Murine Soluble Thrombomodulin (rmsTM) in a Murine Model of Endotoxin-Induced Sepsis.. <i>Blood</i> , 2006, 108, 3933-3933.	1.4	0
67	Focal arterial inflammation is augmented in mice with a deficiency of the protein C gene. <i>Thrombosis and Haemostasis</i> , 2006, 96, 794-801.	3.4	5
68	Structure and function of the plasminogen/plasmin system. <i>Thrombosis and Haemostasis</i> , 2005, 93, 647-654.	3.4	404
69	Protective Effect of Activated Protein C in Murine Endotoxemia: Mechanism of Action.. <i>Blood</i> , 2005, 106, 26-26.	1.4	6
70	Recombinant Human Activated Protein C Suppresses Endotoxin Induced Hypotension in Mice Deficient of the Endothelial Protein C Receptor (EPCR).. <i>Blood</i> , 2005, 106, 3696-3696.	1.4	0
71	<sup>13</sup> C-Glutamate and <sup>15</sup> N-Hydroxyaspartate in Proteins. , 2002, 194, 259-268.		0
72	Use of Phospholipid Bilayers and Monolayers in Binding Studies of Vitamin K-Dependent Blood Coagulation Proteins. , 2002, 199, 233-244.		1

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73	Mice with a severe deficiency of the endothelial protein C receptor gene develop, survive, and reproduce normally, and do not present with enhanced arterial thrombosis after challenge. <i>Thrombosis and Haemostasis</i> , 2002, 88, 462-72.	3.4	30
74	Domain Interactions between Streptokinase and Human Plasminogen. <i>Biochemistry</i> , 2001, 40, 14686-14695.	2.5	48
75	Structure and binding determinants of the recombinant kringle-2 domain of human plasminogen to an internal peptide from a group A Streptococcal surface protein 1 Edited by R. Huber. <i>Journal of Molecular Biology</i> , 2001, 308, 705-719.	4.2	62
76	Increased expression of NR2A subunit does not alter NMDA-evoked responses in cultured fetal trisomy 16 mouse hippocampal neurons. <i>Journal of Neurochemistry</i> , 2001, 76, 1663-1669.	3.9	8
77	Amino acid determinants for NMDA receptor inhibition by conantokin-T. <i>Journal of Neurochemistry</i> , 2001, 77, 812-822.	3.9	22
78	Attenuation of Neointima Formation Following Arterial Injury in PAI-1 Deficient Mice. <i>Annals of the New York Academy of Sciences</i> , 2001, 936, 466-468.	3.8	20
79	Development of Pulmonary Fibrosis in Fibrinogen-Deficient Mice. <i>Annals of the New York Academy of Sciences</i> , 2001, 936, 542-548.	3.8	39
80	Structure-function relationships of the NMDA receptor antagonist peptide, conantokin-R. <i>FEBS Letters</i> , 2000, 470, 139-146.	2.8	22
81	Enhancement through Mutagenesis of the Binding of the Isolated Kringle 2 Domain of Human Plasminogen to $\beta$ -Amino Acid Ligands and to an Internal Sequence of a Streptococcal Surface Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 22380-22386.	3.4	20
82	Expression of Human Plasminogen in <i>Drosophila</i> Schneider S2 Cells. <i>Protein Expression and Purification</i> , 1999, 16, 136-143.	1.3	44
83	NMDA-receptor antagonist requirements in conantokin-G. <i>FEBS Letters</i> , 1998, 435, 257-262.	2.8	24
84	Mapping of Disulfide Bridges in Antifreeze Proteins from Overwintering Larvae of the Beetle <i>Dendroides canadensis</i> . <i>Biochemistry</i> , 1998, 37, 6343-6350.	2.5	53
85	Structure and Ligand Binding Determinants of the Recombinant Kringle 5 Domain of Human Plasminogen. <i>Biochemistry</i> , 1998, 37, 3258-3271.	2.5	98
86	Kringle 2 Mediates High Affinity Binding of Plasminogen to an Internal Sequence in Streptococcal Surface Protein PAM. <i>Journal of Biological Chemistry</i> , 1998, 273, 24420-24424.	3.4	72
87	Characterization of kringle domains of angiostatin as antagonists of endothelial cell migration, an important process in angiogenesis. <i>FASEB Journal</i> , 1998, 12, 1731-1738.	0.5	123
88	Highly conserved residue arginine-15 is required for the Ca <sup>2+</sup> -dependent properties of the $\beta$ -carboxyglutamic acid domain of human anticoagulation Protein C and activated Protein C. <i>Biochemical Journal</i> , 1997, 322, 309-315.	3.7	10
89	Purification and properties of $\alpha$ -mannosidase II from Golgi-like membranes of baculovirus-infected <i>Spodoptera frugiperda</i> (IPLB-SF-21AE) cells. <i>Biochemical Journal</i> , 1997, 324, 951-956.	3.7	34
90	Serine-578 Is a Major Phosphorylation Locus in Human Plasma Plasminogen. <i>Biochemistry</i> , 1997, 36, 8100-8106.	2.5	23

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91	Role of Tryptophan-63 of the Kringle 2 Domain of Tissue-Type Plasminogen Activator in Its Thermal Stability, Folding, and Ligand Binding Properties. <i>Biochemistry</i> , 1997, 36, 7652-7663.	2.5	25
92	The NMR solution structure of the NMDA receptor antagonist, conantokin-T, in the absence of divalent metal ions. <i>FEBS Letters</i> , 1997, 411, 19-26.	2.8	26
93	Activation of Human Plasminogen by Staphylokinase. Direct Evidence That Preformed Plasmin Is Necessary for Activation to Occur. <i>Blood</i> , 1997, 89, 1585-1589.	1.4	47
94	The Kringle Domains of Human Plasminogen. <i>Novartis Foundation Symposium</i> , 1997, 212, 46-65.	1.1	45
95	Properties of a Recombinant Chimeric Protein in which the gamma-Carboxyglutamic Acid and Helical Stack Domains of Human Anticoagulant Protein C Are Replaced by those of Human Coagulation Factor VII. <i>Thrombosis and Haemostasis</i> , 1997, 77, 0926-0933.	3.4	8
96	High-level secretion in <i>Pichia pastoris</i> and biochemical characterization of the recombinant kringle 2 domain of tissue-type plasminogen activator. <i>Biotechnology and Applied Biochemistry</i> , 1997, 25, 63-74.	3.1	21
97	Activation of Human Plasminogen by Staphylokinase. Direct Evidence That Preformed Plasmin Is Necessary for Activation to Occur. <i>Blood</i> , 1997, 89, 1585-1589.	1.4	11
98	Calcium Binding Properties of Synthetic $\gamma$ -Carboxyglutamic Acid-Containing Marine Cone Snail $\alpha$ -Sleeper Peptides, Conantokin-G and Conantokin-T. <i>Biochemistry</i> , 1996, 35, 16528-16534.	2.5	74
99	The Hydrophobic Nature of Residue-5 of Human Protein C Is a Major Determinant of Its Functional Interactions with Acidic Phospholipid Vesicles. <i>Biochemistry</i> , 1996, 35, 7093-7099.	2.5	19
100	Crystal Structures of the Recombinant Kringle 1 Domain of Human Plasminogen in Complexes with the Ligands $\mu$ -Aminocaproic Acid and trans-4-(Aminomethyl)cyclohexane-1-carboxylic Acid. <i>Biochemistry</i> , 1996, 35, 2567-2576.	2.5	84
101	Nucleotide Structure and Characterization of the Murine Blood Coagulation Factor VII Gene. <i>Thrombosis and Haemostasis</i> , 1996, 76, 0957-0964.	3.4	12
102	The entire $\gamma$ -carboxyglutamic acid and helical stack domains of human coagulation factor IX are required for optimal binding to its endothelial cell receptor. <i>International Journal of Peptide and Protein Research</i> , 1996, 48, 281-285.	0.1	6
103	Characterization of a cDNA Encoding Murine Coagulation Factor VII. <i>Thrombosis and Haemostasis</i> , 1996, 75, 481-487.	3.4	20
104	Functional Consequences of Mutations in Amino Acid Residues that Stabilize Calcium Binding to the First Epidermal Growth Factor Homology Domain of Human Protein C. <i>Thrombosis and Haemostasis</i> , 1996, 76, 720-728.	3.4	6
105	The Propeptides of Human Protein C, Factor VII, and Factor IX Are Exchangeable with Regard to Directing Gamma-Carboxylation of these Proteins. <i>Thrombosis and Haemostasis</i> , 1996, 76, 205-207.	3.4	0
106	Contributions of Individual Kringle Domains toward Maintenance of the Chloride-Induced Tight Conformation of Human Glutamic Acid-1 Plasminogen. <i>Biochemistry</i> , 1995, 34, 9581-9586.	2.5	42
107	Roles of individual kringle domains in the functioning of positive and negative effectors of human plasminogen activation. <i>Biochemistry</i> , 1995, 34, 1482-1488.	2.5	43
108	The importance of the hydrophobic components of the binding energies in the interaction of amino acid ligands with isolated kringle polypeptide domains of human plasminogen. <i>International Journal of Peptide and Protein Research</i> , 1995, 46, 464-470.	0.1	11



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109	Role of the Strictly Conserved Tryptophan-25 Residue in the Stabilization of the Structure and in the Ligand Binding Properties of the Kringle 2 Domain of Tissue-Type Plasminogen Activator. <i>Biochemistry</i> , 1994, 33, 1340-1344.	2.5	13
110	Involvement of Tyrosine-76 of the Kringle 2 Domain of Tissue-Type Plasminogen Activator in Its Thermal Stability and Its $\omega$ -Amino Acid Ligand Binding Site. <i>Biochemistry</i> , 1994, 33, 3509-3514.	2.5	16
111	Specific anionic residues of the recombinant kringle 2 domain of tissue-type plasminogen activator that are responsible for stabilization of its interaction with $\omega$ -amino acid ligands. <i>Biochemistry</i> , 1993, 32, 3540-3548.	2.5	29
112	Binding of calcium to synthetic peptides containing $\beta$ -carboxyglutamic acid. <i>International Journal of Peptide and Protein Research</i> , 1993, 41, 567-575.	0.1	20
113	The cationic locus on the recombinant kringle 2 domain of tissue-type plasminogen activator that stabilizes its interaction with $\omega$ -amino acids. <i>Biochemistry</i> , 1992, 31, 11698-11706.	2.5	25
114	Role of tryptophan-74 of the recombinant kringle 2 domain of tissue-type plasminogen activator in its $\omega$ -amino acid binding properties. <i>Biochemistry</i> , 1992, 31, 3326-3335.	2.5	30
115	Synthesis, purification, and properties of a peptide that enhances the activation of human [Glu <sup>1</sup> ]plasminogen by tissue plasminogen activator and retards fibrin polymerization. <i>International Journal of Peptide and Protein Research</i> , 1990, 35, 73-80.	0.1	23
116	Effects of human fibrinogen and its cleavage products on activation of human plasminogen by streptokinase. <i>Biochemistry</i> , 1985, 24, 3429-3434.	2.5	67
117	Biochemistry of Human Plasminogen. <i>Seminars in Thrombosis and Hemostasis</i> , 1984, 10, 18-23.	2.7	88
118	The effect of $\mu$ -amino caproic acid on the gross conformation of plasminogen and plasmin. <i>Archives of Biochemistry and Biophysics</i> , 1975, 170, 300-305.	3.0	85
119	Direct evidence for the generation of an active site in the plasminogen moiety of the streptokinase-human plasminogen activator complex. <i>Biochemical and Biophysical Research Communications</i> , 1974, 57, 47-54.	2.1	83
120	Measurement of the binding of antifibrinolytic amino acids to various plasminogens. <i>Archives of Biochemistry and Biophysics</i> , 1972, 151, 194-199.	3.0	308
121	Multiplicity of rabbit plasminogen. Physical characterization. <i>Biochemistry</i> , 1972, 11, 4451-4458.	2.5	85