

# Jiri Suttnar

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

767  
citations

623734

14  
h-index

580821

25  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibrinopeptides A and B release in the process of surface fibrin formation. <i>Blood</i> , 2011, 117, 1700-1706.	1.4	76
2	Surface plasmon resonance biosensor for the detection of VEGFR-1â€™a protein marker of myelodysplastic syndromes. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 381-387.	3.7	53
3	Proteome changes in platelets activated by arachidonic acid, collagen, and thrombin. <i>Proteome Science</i> , 2010, 8, 56.	1.7	44
4	Tryptophan Metabolism, Inflammation, and Oxidative Stress in Patients with Neurovascular Disease. <i>Metabolites</i> , 2020, 10, 208.	2.9	43
5	Acquired Dysfibrinogenemia Secondary to Multiple Myeloma. <i>Acta Haematologica</i> , 2008, 120, 75-81.	1.4	34
6	Antioxidants change platelet responses to various stimulating events. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1707-1714.	2.9	33
7	The adhesion of blood platelets on fibrinogen surface: Comparison of two biochemical microplate assays. <i>Platelets</i> , 2006, 17, 470-476.	2.3	32
8	Plasma proteome changes in cardiovascular disease patients: novel isoforms of apolipoprotein A1. <i>Journal of Translational Medicine</i> , 2011, 9, 84.	4.4	30
9	The Effect of Reagents Mimicking Oxidative Stress on Fibrinogen Function. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	2.1	26
10	Platelet Adhesion to Fibrinogen, Fibrin Monomer, and Fibrin Protofibrils in Flowing Blood - The Effect of Fibrinogen Immobilization and Fibrin Formation. <i>Thrombosis and Haemostasis</i> , 1997, 78, 1125-1131.	3.4	26
11	Two cases of congenital dysfibrinogenemia associated with thrombosis â€™ Fibrinogen Praha III and Fibrinogen PlzeÅ. <i>Thrombosis and Haemostasis</i> , 2009, 102, 479-486.	3.4	22
12	Plasma Levels of Amino thiols, Nitrite, Nitrate, and Malondialdehyde in Myelodysplastic Syndromes in the Context of Clinical Outcomes and as a Consequence of Iron Overload. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-10.	4.0	21
13	Fibrinogen NovÃ½ JiÅn and Praha II: Cases of hereditary AÎ± 16 Argâ†’Cys and AÎ± 16 Argâ†’His dysfibrinogenemia. <i>Thrombosis Research</i> , 2007, 121, 75-84.	1.7	20
14	Plasma proteome changes associated with refractory cytopenia with multilineage dysplasia. <i>Proteome Science</i> , 2011, 9, 64.	1.7	18
15	Proteome Changes in the Plasma of Myelodysplastic Syndrome Patients with Refractory Anemia with Excess Blasts Subtype 2. <i>Disease Markers</i> , 2014, 2014, 1-8.	1.3	16
16	Impact of posttranslational modifications on atomistic structure of fibrinogen. <i>PLoS ONE</i> , 2020, 15, e0227543.	2.5	16
17	Two novel fibrinogen variants in the C-terminus of the BÎ²-chain: fibrinogen Rokycany and fibrinogen Znojmo. <i>Journal of Thrombosis and Thrombolysis</i> , 2010, 30, 311-318.	2.1	15
18	Plasma proteome changes associated with refractory anemia and refractory anemia with ringed sideroblasts in patients with myelodysplastic syndrome. <i>Proteome Science</i> , 2013, 11, 14.	1.7	15

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19	Fibrinopeptide-releasing enzymes in the venom from the southern copperhead snake ( <i>Agkistrodon</i> ) Tj ETQq1 1 0.784314 rgBT <sub>12</sub> /Overloc	1.6	12
20	A novel fibrinogen variant ? Praha I: hypofibrinogenemia associated with ? Gly351Ser substitution. European Journal of Haematology, 2007, 78, 410-416.	2.2	12
21	Plasma protein alterations in the refractory anemia with excess blasts subtype 1 subgroup of myelodysplastic syndrome. Proteome Science, 2012, 10, 31.	1.7	12
22	Enhanced plasma protein carbonylation in patients with myelodysplastic syndromes. Free Radical Biology and Medicine, 2017, 108, 1-7.	2.9	12
23	A novel fibrinogen variant " Liberec: dysfibrinogenaemia associated with $\hat{I}^3$ Tyr262Cys substitution. European Journal of Haematology, 2008, 81, 123-129.	2.2	11
24	Congenital dysfibrinogenemia A $\hat{I}^{\pm}$ Gly13Glu associated with bleeding during pregnancy. Thrombosis Research, 2011, 127, 277-278.	1.7	11
25	The effect of $\hat{I}^{\%}$ -3 polyunsaturated fatty acids on the liver lipidome, proteome and bile acid profile: parenteral versus enteral administration. Scientific Reports, 2019, 9, 19097.	3.3	11
26	Fibrinogen Åmperk II: Dysfibrinogenemia in an individual with two coding mutations. American Journal of Hematology, 2012, 87, 555-557.	4.1	10
27	Lipidomic Analysis to Assess Oxidative Stress in Acute Coronary Syndrome and Acute Stroke Patients. Metabolites, 2021, 11, 412.	2.9	10
28	The $\hat{I}^{\%}$ -3 Polyunsaturated Fatty Acids and Oxidative Stress in Long-Term Parenteral Nutrition Dependent Adult Patients: Functional Lipidomics Approach. Nutrients, 2020, 12, 2351.	4.1	9
29	Incorporation of Fibrin, Platelets, and Red Blood Cells into a Coronary Thrombus in Time and Space. Thrombosis and Haemostasis, 2022, 122, 434-444.	3.4	9
30	Effect of Blood Component Coatings of Enosseal Implants on Proliferation and Synthetic Activity of Human Osteoblasts and Cytokine Production of Peripheral Blood Mononuclear Cells. Mediators of Inflammation, 2016, 2016, 1-15.	3.0	8
31	A New Approach for the Diagnosis of Myelodysplastic Syndrome Subtypes Based on Protein Interaction Analysis. Scientific Reports, 2019, 9, 12647.	3.3	8
32	Dysfibrinogenemia in childhood: two cases of congenital dysfibrinogens. Blood Coagulation and Fibrinolysis, 2010, 21, 640-648.	1.0	7
33	A novel natural mutation A $\hat{I}^{\pm}$ Phe98Ile in the fibrinogen coiled-coil affects fibrinogen function. Thrombosis and Haemostasis, 2014, 111, 79-87.	3.4	7
34	Two novel mutations in the fibrinogen $\hat{I}^3$ nodule. Thrombosis Research, 2014, 134, 901-908.	1.7	6
35	On the molecular conformation of human haemopexin. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 495, 260-267.	1.7	5
36	Simplified platelet sample preparation for <sc>SDS</sc><sc>PAGE</sc>-based proteomic studies. Proteomics - Clinical Applications, 2012, 6, 374-381.	1.6	5

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37	Staining of proteins for 2D SDS-PAGE using Coomassie Blue—speed versus sensitivity?. <i>Electrophoresis</i> , 2013, 34, 1972-1975.	2.4	5
38	No clinical evidence for performing trough plasma and intracellular imatinib concentrations monitoring in patients with chronic myelogenous leukaemia. <i>Hematological Oncology</i> , 2014, 32, 87-93.	1.7	5
39	Fibrin Clot Formation under Oxidative Stress Conditions. <i>Antioxidants</i> , 2021, 10, 923.	5.1	5
40	Comparison of rat and human major platelet glycoproteins. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 99, 399-403.	0.2	4
41	Three cases of abnormal fibrinogens: Åmperk (B <sup>12</sup> His67Leu), UniÅšov (B <sup>12</sup> Gly414Ser), and Brno (I <sup>3</sup> Arg275His). <i>Thrombosis and Haemostasis</i> , 2008, 100, 1199-1200.	3.4	4
42	Novel homozygous fibrinogen A $\alpha$ chain truncation causes severe afibrinogenemia with life threatening complications in a two-year-old boy. <i>Thrombosis Research</i> , 2013, 132, 490-492.	1.7	4
43	Distortion of the electrophoretic titration curves of some proteins. <i>Electrophoresis</i> , 1989, 10, 704-708.	2.4	3
44	Production and simple purification of a protein encoded by part of the gag gene of HIV-1 in the Escherichia coli HB101F+ expression system inducible by lactose and isopropyl- $\beta$ -D-thiogalactopyranoside. <i>Biomedical Applications</i> , 1994, 656, 127-133.	1.7	3
45	Long-Term Effects on the Lipidome of Acute Coronary Syndrome Patients. <i>Metabolites</i> , 2022, 12, 124.	2.9	3
46	Structural and Functional Characterization of Four Novel Fibrinogen Mutations in FGB Causing Congenital Fibrinogen Disorder. <i>International Journal of Molecular Sciences</i> , 2022, 23, 721.	4.1	3
47	Extension of the Human Fibrinogen Database with Detailed Clinical Information—The I $\pm$ C-Connector Segment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 132.	4.1	3
48	The action of a fibrin-promoting enzyme from the venom of Agkistrodon contortrix contortrix on rat fibrinogen and plasma. <i>Toxicon</i> , 1990, 28, 1364-1367.	1.6	2
49	Characterization of Platelet Antigen for CD45RA Monoclonal Antibodies. <i>Immunobiology</i> , 1995, 192, 272-277.	1.9	2
50	Proteomic analysis of plasma samples from acute coronary syndrome patients — The pilot study. <i>International Journal of Cardiology</i> , 2012, 157, 126-128.	1.7	2
51	Enhanced levels of asymmetric dimethylarginine in a serum of middle age patients with myelodysplastic syndrome. <i>Journal of Hematology and Oncology</i> , 2013, 6, 58.	17.0	2
52	Abnormal Fibrinogen ZIÅn (&#947;Thr211le) with Missense Mutation Causing Hypofibrinogenemia. <i>Acta Haematologica</i> , 2014, 132, 140-143.	1.4	2
53	Low Plasma Citrate Levels and Specific Transcriptional Signatures Associated with Quiescence of CD34+ Progenitors Predict Azacitidine Therapy Failure in MDS/AML Patients. <i>Cancers</i> , 2021, 13, 2161.	3.7	2
54	Molecular Dynamic Simulations Suggest That Metabolite-Induced Post-Translational Modifications Alter the Behavior of the Fibrinogen Coiled-Coil Domain. <i>Metabolites</i> , 2021, 11, 307.	2.9	2

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55	EDMA 2000 as a matrix for high-performance liquid chromatography of human haemoglobin chains. Biomedical Applications, 1994, 656, 119-122.	1.7	1
56	Determination of the Putative Binding Sites for Thrombin Receptor Activating Peptide through a Hydrophobic Complementary Approach. Thrombosis and Haemostasis, 2000, 83, 165-170.	3.4	1
57	Proteomic analysis of the plasma samples of patients with stable angina pectoris. Cor Et Vasa, 2012, 54, e22-e26.	0.1	1
58	Hsp70 Trap Assay for Detection of Misfolded Subproteome Related to Myelodysplastic Syndromes. Analytical Chemistry, 2019, 91, 14226-14230.	6.5	1
59	Protein Carbonylation in Patients with Myelodysplastic Syndromes. Blood, 2015, 126, 5232-5232.	1.4	1
60	Three cases of abnormal fibrinogens: sumperk (Bbeta His67Leu), Unicov (Bbeta Gly414Ser), and Brno (gammaArg275His). Thrombosis and Haemostasis, 2008, 100, 1199-200.	3.4	1
61	Surface plasmon resonance analysis of immobilized fibrinogen and fibrin and their interaction with thrombin and fibrinogen. , 1999, 3570, 176.		0
62	Thrombosis-associated hypofibrinogenemia. Blood Coagulation and Fibrinolysis, 2022, Publish Ahead of Print, .	1.0	0