Arijit Biswas

List of Publications by Year
in descending order

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81	1,245	394286	477173
papers	citations	19 h-index	29 g-index

83	83	83	1424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coagulation factor XIII deficiency. Hamostaseologie, 2014, 34, 160-166.	0.9	59
2	Structure functional insights into calcium binding during the activation of coagulation factor XIII A. Scientific Reports, 2019, 9, 11324.	1.6	52
3	An update of the mutation profile of Factor 13 A and B genes. Blood Reviews, 2011, 25, 193-204.	2.8	50
4	Identification of eight novel coagulation factor XIII subunit A mutations: implied consequences for structure and function. Haematologica, 2010, 95, 956-962.	1.7	44
5	Mutation distribution in the von Willebrand factor gene related to the different von Willebrand disease (VWD) types in a cohort of VWD patients. Thrombosis and Haemostasis, 2012, 108, 662-671.	1.8	43
6	Human VKORC1 mutations cause variable degrees of 4-hydroxycoumarin resistance and affect putative warfarin binding interfaces. Blood, 2013, 122, 2743-2750.	0.6	43
7	Inter-locus as well as intra-locus heterogeneity in LINE-1 promoter methylation in common human cancers suggests selective demethylation pressure at specific CpGs. Clinical Epigenetics, 2015, 7, 17.	1.8	43
8	Warfarin and vitamin K compete for binding to Phe55 in human VKOR. Nature Structural and Molecular Biology, 2017, 24, 77-85.	3.6	42
9	Homocystine Levels, Polymorphisms and the Risk of Ischemic Stroke in Young Asian Indians. Journal of Stroke and Cerebrovascular Diseases, 2009, 18, 103-110.	0.7	39
10	Plasminogen Activator Inhibitor-1 (PAI-1) Gene 4G/5G Promoter Polymorphism is Seen in Higher Frequency in the Indian Patients With Deep Vein Thrombosis. Clinical and Applied Thrombosis/Hemostasis, 2010, 16, 184-188.	0.7	35
11	Intron retention resulting from a silent mutation in the VWF gene that structurally influences the 5â€² splice site. Blood, 2016, 128, 2144-2152.	0.6	32
12	Mutational Landscape of the BAP1 Locus Reveals an Intrinsic Control to Regulate the miRNA Network and the Binding of Protein Complexes in Uveal Melanoma. Cancers, 2019, 11, 1600.	1.7	30
13	Mutations affecting disulphide bonds contribute to a fairly common prevalence of F13B gene defects: results of a genetic study in 14 families with factor XIII B deficiency. Haemophilia, 2010, 16, 675-682.	1.0	29
14	Role of MTHFRC677Tpolymorphism in ischemic stroke. Neurology India, 2006, 54, 48.	0.2	29
15	Revisiting the mechanism of coagulation factor XIII activation and regulation from a structure/functional perspective. Scientific Reports, 2016, 6, 30105.	1.6	28
16	Prothrombotic polymorphisms, mutations, and their association with pediatric non-cardioembolic stroke in Asian-Indian patients. Annals of Hematology, 2009, 88, 473-478.	0.8	26
17	Factor V Leiden: Is it the chief contributor to activated protein C resistance in Asian-Indian patients with deep vein thrombosis?. Clinica Chimica Acta, 2008, 392, 21-24.	0.5	23
18	Recurrent Abortions in Asian Indians: No Role of Factor V Leiden Hong Kong/Cambridge Mutation and MTHFR Polymorphism. Clinical and Applied Thrombosis/Hemostasis, 2008, 14, 102-104.	0.7	22

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19	Identification and functional characterization of a novel F5 mutation (Ala512Val, FVBonn) associated with activated protein C resistance. Journal of Thrombosis and Haemostasis, 2016, 14, 1353-1363.	1.9	22
20	Eight novel F13A1 gene missense mutations in patients with mild FXIII deficiency: in silico analysis suggests changes in FXIII-A subunit structure/function. Annals of Hematology, 2014, 93, 1665-1676.	0.8	21
21	NLRP7 inter-domain interactions: the NACHT-associated domain is the physical mediator for oligomeric assembly. Molecular Human Reproduction, 2014, 20, 990-1001.	1.3	20
22	Insights into the Folding of Disulfide-Rich Î¼-Conotoxins. ACS Omega, 2018, 3, 12330-12340.	1.6	19
23	Clinico-Hematologic Profile of Factor XIII-Deficient Patients. Clinical and Applied Thrombosis/Hemostasis, 2005, 11, 475-480.	0.7	18
24	Novel Insights into Structure and Function of Factor XIIIa-Inhibitor Tridegin. Journal of Medicinal Chemistry, 2014, 57, 10355-10365.	2.9	18
25	The Arg98Trp mutation in human VKORC1 causing VKCFD2 disrupts a di-arginineâ€“based ER retention motif. Blood, 2014, 124, 1354-1362.	0.6	18
26	Coagulation Factor XIIIA Subunit Missense Mutations Affect Structure and Function at the Various Steps of Factor XIII Action. Human Mutation, 2016, 37, 1030-1041.	1.1	17
27	The Role of PAI-1 4G/5G Promoter Polymorphism and Its Levels in the Development of Ischemic Stroke in Young Indian Population. Clinical and Applied Thrombosis/Hemostasis, 2017, 23, 1071-1076.	0.7	17
28	Identification of novel mutations in congenital afibrinogenemia patients and molecular modeling of missense mutations in Pakistani population. Thrombosis Journal, 2017, 15, 24.	0.9	17
29	VKORC1 and VKORC1L1 have distinctly different oral anticoagulant dose-response characteristics and binding sites. Blood Advances, 2018, 2, 691-702.	2.5	17
30	Comparison of F13A1 gene mutations in 73 patients treated with recombinant <scp>FXIII</scp>â€A₂. Haemophilia, 2017, 23, e194-e203.	1.0	16
31	The Relationship between Inflammatory Cytokines and Coagulopathy in Patients with COVID-19. Journal of Clinical Medicine, 2021, 10, 2020.	1.0	16
32	Protein C system defects in Indian children with thrombosis. Annals of Hematology, 2005, 84, 85-88.	0.8	15
33	Prothrombotic factors and the risk of acute onset non-cardioembolic stroke in young Asian Indians. Thrombosis Research, 2009, 124, 397-402.	0.8	15
34	The nitric oxide synthase 3 gene polymorphisms and their association with deep vein thrombosis in Asian Indian patients. Clinica Chimica Acta, 2010, 411, 649-652.	0.5	15
35	NLRP7, Involved in Hydatidiform Molar Pregnancy (HYDM1), Interacts with the Transcriptional Repressor ZBTB16. PLoS ONE, 2015, 10, e0130416.	1.1	15
36	Molecular Insights and Functional Consequences of the Interaction of Heme with Activated Protein C. Antioxidants and Redox Signaling, 2021, 34, 32-48.	2.5	14

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37	Structural and functional influences of coagulation factor <scp>XIII</scp> subunit B heterozygous missense mutants. Molecular Genetics & Genomic Medicine, 2015, 3, 258-271.	0.6	13
38	The Plasma Factor XIII Heterotetrameric Complex Structure: Unexpected Unequal Pairing within a Symmetric Complex. Biomolecules, 2019, 9, 765.	1.8	13
39	Insights into pathological mechanisms of missense mutations in C-terminal domains of von Willebrand factor causing qualitative or quantitative von Willebrand disease. Haematologica, 2013, 98, 1315-1323.	1.7	12
40	Impact of interleukin 6 promoter polymorphisms (â^'174 Gâ€‰›â€‰C, â^'572 Gâ€‰›â€‰C and â^'597 Gâ€‰›â€‰A) on plasma IL-6 levels and their influence on the development of DVT: a study from India. Hematology, 2018, 23, 833-838.	0.7	11
41	Identification of Potential Novel Interacting Partners for Coagulation Factor XIII B (FXIII-B) Subunit, a Protein Associated with a Rare Bleeding Disorder. International Journal of Molecular Sciences, 2019, 20, 2682.	1.8	11
42	Modulation of clinical phenotype of Glanzmann's thrombasthenia by thrombogenic mutations. Clinica Chimica Acta, 2009, 403, 156-158.	0.5	10
43	Importance of Investigating Somatic and Germline Mutations in Hemophilia A: A Preliminary Study from All India Institute of Medical Sciences, India. Clinica Chimica Acta, 2008, 389, 103-108.	0.5	9
44	In VitroSecretion Deficits are Common Among Human Coagulation Factor XIII Subunit B Missense Mutants: Correlations with Patient Phenotypes and Molecular Models. Human Mutation, 2013, 34, 1490-1500.	1.1	9
45	Severe congenital factor XIII deficiency caused by novel W187X and G273V mutations in the <scp>F13A</scp> gene; diagnosis and classification according to the <scp>ISTH</scp>/<scp>SSC</scp> guidelines. Haemophilia, 2014, 20, 255-262.	1.0	9
46	Screening of the GPX3 Gene Identifies the â€œTâ€•Allele of the SNP â^'861A/T as a Risk for Ischemic Stroke in Young Asian Indians. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 2060-2068.	0.7	9
47	Thrombin activatable fibrinolysis inhibitor gene polymorphisms are associated with antigenic levels in the Asianâ€Indian population but may not be a risk for stroke. British Journal of Haematology, 2008, 143, 581-588.	1.2	8
48	Impact of 789Ala/Ala genotype on quantitative type of von Willebrand disease. Annals of Hematology, 2009, 88, 479-483.	0.8	8
49	Typeâ€3 von Willebrand disease in Indiaâ€"Clinical spectrum and molecular profile. Haemophilia, 2018, 24, 930-940.	1.0	8
50	Inhibitor in Congenital Factor VII Deficiency; a Rare but Serious Therapeutic Challengeâ€"A Systematic Literature Review. Journal of Clinical Medicine, 2021, 10, 211.	1.0	8
51	SARS-CoV-2 Infection: Modulator of Pulmonary Embolism Paradigm. Journal of Clinical Medicine, 2021, 10, 1064.	1.0	8
52	Disruption of Structural Disulfides of Coagulation FXIII-B Subunit; Functional Implications for a Rare Bleeding Disorder. International Journal of Molecular Sciences, 2019, 20, 1956.	1.8	7
53	In silico and in vitro evaluation of the impact of mutations in non-severe haemophilia A patients on assay discrepancies. Annals of Hematology, 2019, 98, 1855-1865.	0.8	7
54	Coagulation Factor XIIIa Inhibitor Tridegin: On the Role of Disulfide Bonds for Folding, Stability, and Function. Journal of Medicinal Chemistry, 2019, 62, 3513-3523.	2.9	7

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55	Basal cell carcinomas developing independently from BAP1â€tumor predisposition syndrome in a patient with bilateral uveal melanoma. Genes Chromosomes and Cancer, 2019, 58, 357-364.	1.5	7
56	First report of a FVII-deficient Indian patient carrying double heterozygous mutations in the FVII gene. Thrombosis Research, 2005, 115, 535-536.	0.8	6
57	Impact of Thrombogenic Mutations on Clinical Phenotypes of von Willebrand Disease. Clinical and Applied Thrombosis/Hemostasis, 2010, 16, 281-287.	0.7	6
58	A common F13A1 intron 1 variant IVS1+12(A) is associated with mild FXIII deficiency in Caucasian population. Annals of Hematology, 2013, 92, 975-979.	0.8	6
59	Characterization of a novel large deletion caused by double-stranded breaks in 6-bp microhomologous sequences of intron 11 and 12 of the F13A1 gene. Human Genome Variation, 2016, 3, 15059.	0.4	6
60	Exploring the structural similarity yet functional distinction between coagulation factor XIII-B and complement factor H sushi domains. Journal of Thrombosis and Thrombolysis, 2019, 48, 95-102.	1.0	6
61	Prevalence of Factor V Genetic Variants Associated With Indian APCR Contributing to Thrombotic Risk. Clinical and Applied Thrombosis/Hemostasis, 2017, 23, 596-600.	0.7	5
62	Characterization of the mutation spectrum in a Pakistani cohort of type 3 von Willebrand disease. Haemophilia, 2019, 25, 1035-1044.	1.0	5
63	Functional and Structural Characterization of Nucleic Acid Ligands That Bind to Activated Coagulation Factor XIII. Journal of Clinical Medicine, 2021, 10, 677.	1.0	5
64	von Willebrand factor propeptide missense variants affect anterograde transport to Golgi resulting in ER retention. Human Mutation, 2021, 42, 731-744.	1.1	5
65	Exploring Diverse Coagulation Factor XIII Subunit Expression Datasets: A Bioinformatic Analysis. International Journal of Molecular Sciences, 2022, 23, 4725.	1.8	5
66	Eisenmenger's Syndrome with Pregnancy: A Rare Obstetrical Problem with Successful Outcome. Asia-Oceania Journal of Obstetrics and Gynaecology, 1988, 14, 323-325.	0.0	4
67	Screening of the NOS3 gene identifies the variants 894G/T, 1998C/G and 2479G/A to be associated with acute onset ischemic stroke in young Asian Indians. Journal of the Neurological Sciences, 2014, 344, 69-75.	0.3	4
68	Influence of Interleukin-6 (IL-6) Promoter Gene Polymorphisms (â^'174G>C, â^'572G>C, and â^'597G>A) on IL-6 Plasma Levels and Their Impact in the Development of Acute Ischemic Stroke in Young Indians. Clinical and Applied Thrombosis/Hemostasis, 2019, 25, 107602961985413.	0.7	4
69	NMR-Based Structural Characterization of a Two-Disulfide-Bonded Analogue of the FXIIIa Inhibitor Tridegin: New Insights into Structureâ€"Activity Relationships. International Journal of Molecular Sciences, 2021, 22, 880.	1.8	4
70	Distinct 3-disulfide-bonded isomers of tridegin differentially inhibit coagulation factor XIIIa: The influence of structural stability on bioactivity. European Journal of Medicinal Chemistry, 2020, 201, 112474.	2.6	4
71	Protein C and Protein S: Causative factor for developing a hemorrhagic infarct in a HbE/Beta thalassemia child. Indian Journal of Pediatrics, 2010, 77, 316-317.	0.3	3
72	An in silico and in vitro approach to elucidate the impact of residues flanking the cleavage scissile bonds of FVIII. PLoS ONE, 2017, 12, e0180456.	1.1	3

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73	Clinicohematologic Spectrum in Patientswith Lupus Anticoagulant. Clinical and Applied Thrombosis/Hemostasis, 2005, 11, 191-195.	0.7	2
74	Î²2 Glycoprotein 1 in Indian Patients with SLE. Clinical and Applied Thrombosis/Hemostasis, 2005, 11, 223-226.	0.7	2
75	Gene tracking in a family of novel identical twins affected by severe type-III von Willebrand Disease (vWD). Thrombosis Research, 2007, 120, 459-462.	0.8	2
76	PPAR-Responsive Elements Enriched with Alu Repeats May Contribute to Distinctive PPARÎ³â€“DNMT1 Interactions in the Genome. Cancers, 2021, 13, 3993.	1.7	2
77	Use of Intron 1 and 22 inversions and linkage analysis in carrier detection of hemophilia A in Indians. Clinica Chimica Acta, 2006, 365, 109-112.	0.5	1
78	TAFI antigen level variability in young healthy Asian Indians; First report from Asia. Clinical Biochemistry, 2008, 41, 750-753.	0.8	1
79	Erratum. Clinical and Applied Thrombosis/Hemostasis, 2007, 13, 455-456.	0.7	0
80	Inherited Warfarin Resistance in Indian Patients: Does It Occur?. Clinical and Applied Thrombosis/Hemostasis, 2007, 13, 338-339.	0.7	0
81	Evaluation of role of FV, FVIII and APLAs in the pathogenesis of APCR in FV Leiden negative DVT patients: a study in India. Journal of Thrombosis and Thrombolysis, 2017, 43, 217-223.	1.0	0