

Anjana Munshi

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

1,692
citations

24
h-index

35
g-index

130
ext. papers

1,995
ext. citations

3.3
avg. IF

5.03
L-index

#	Paper	IF	Citations
124	Role of miRNAs in diabetic neuropathy: mechanisms and possible interventions.. <i>Molecular Neurobiology</i> , 2022 , 59, 1836	6.2	0
123	miRNA signatures in diabetic retinopathy and nephropathy: delineating underlying mechanisms.. <i>Journal of Physiology and Biochemistry</i> , 2022 , 78, 19	5	2
122	Targeting Redox Homeostasis of Tumor Cells by Therapeutic Compounds in Cancer 2022 , 1-17		
121	Long non-coding RNAs involved in different steps of cancer metastasis.. <i>Clinical and Translational Oncology</i> , 2022 , 1	3.6	0
120	COVID-19 induced ischemic stroke and mechanisms of viral entry in brain and clot formation: a systematic review and current update.. <i>International Journal of Neuroscience</i> , 2022 , 1-14	2	
119	Geometrical and electro-static determinants of protein-protein interactions.. <i>Bioinformatics</i> , 2021 , 17, 851-860	1.1	1
118	SNPs in miRNAs and Target Sequences: Role in Cancer and Diabetes.. <i>Frontiers in Genetics</i> , 2021 , 12, 793523	1.5	0
117	Epilepsy and Migraine Shared Genetic and Molecular Mechanisms: Focus on Therapeutic Strategies. <i>Molecular Neurobiology</i> , 2021 , 58, 3874-3883	6.2	2
116	Role of lncRNAs in the Development of Ischemic Stroke and Their Therapeutic Potential. <i>Molecular Neurobiology</i> , 2021 , 58, 3712-3728	6.2	7
115	The genomic architecture of metastasis in breast cancer: focus on mechanistic aspects, signalling pathways and therapeutic strategies. <i>Medical Oncology</i> , 2021 , 38, 95	3.7	4
114	Design, Synthesis and Biological Evaluation of New 5-(2-Nitrophenyl)-1-aryl-1H-pyrazoles as Topoisomerase Inhibitors. <i>ChemistrySelect</i> , 2021 , 6, 6644-6651	1.8	0
113	Mechanisms of Anti-Tumor Activity of (Ashwagandha). <i>Nutrition and Cancer</i> , 2021 , 73, 914-926	2.8	7
112	Complex roles of discoidin domain receptor tyrosine kinases in cancer. <i>Clinical and Translational Oncology</i> , 2021 , 23, 1497-1510	3.6	8
111	Role of Calcium Homeostasis in Ischemic Stroke: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 ,	2.6	4
110	"The pharmacological profile of SGLT2 inhibitors: Focus on mechanistic aspects and pharmacogenomics". <i>European Journal of Pharmacology</i> , 2021 , 904, 174169	5.3	2
109	Anticancer potential of some imidazole and fused imidazole derivatives: exploring the mechanism epidermal growth factor receptor (EGFR) inhibition. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 923-939	3.5	5
108	miRNA dysregulation in ischaemic stroke: Focus on diagnosis, prognosis, therapeutic and protective biomarkers. <i>European Journal of Neuroscience</i> , 2020 , 52, 3610-3627	3.5	12

107	The molecular basis of platelet biogenesis, activation, aggregation and implications in neurological disorders. <i>International Journal of Neuroscience</i> , 2020 , 130, 1237-1249	2	1
106	Establishing molecular signatures of stroke focusing on omic approaches: a narrative review. <i>International Journal of Neuroscience</i> , 2020 , 130, 1250-1266	2	1
105	Computer-Aided Structure Prediction of Bluetongue Virus Coat Protein VP2 Assisted by Optimized Potential for Liquid Simulations (OPLS). <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 1720-1732	3	9
104	HER2 Tyrosine Kinase Inhibitors in the Sensitization to Cancers Resistant to HER2 Antibodies. <i>Critical Reviews in Oncogenesis</i> , 2020 , 25, 241-250	1.3	1
103	ACE-Triggered Hypertension Incites Stroke: Genetic, Molecular, and Therapeutic Aspects. <i>NeuroMolecular Medicine</i> , 2020 , 22, 194-209	4.6	4
102	Role of miRNAs in the pathogenesis of T2DM, insulin secretion, insulin resistance, and β-cell dysfunction: the story so far. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 485-502	5	11
101	A study of mechanistic mapping of novel SNPs to male breast cancer. <i>Medical Oncology</i> , 2019 , 36, 70	3.7	3
100	Association of elevated levels of C-reactive protein with breast cancer, breast cancer subtypes, and poor outcome. <i>Current Problems in Cancer</i> , 2019 , 43, 123-129	2.3	15
99	Single-Cell Genomics: Technology and Applications 2019 , 179-197		1
98	Single-Cell Omics in Noninvasive Prenatal Testing (NIPT) 2019 , 17-35		
97	Genetics of platelet traits in ischaemic stroke: focus on mean platelet volume and platelet count. <i>International Journal of Neuroscience</i> , 2019 , 129, 511-522	2	11
96	Genomic alterations associated with HER2+ breast cancer risk and clinical outcome in response to trastuzumab. <i>Molecular Biology Reports</i> , 2019 , 46, 823-831	2.8	4
95	Frequency of pathogenic germline mutations in cancer susceptibility genes in breast cancer patients. <i>Medical Oncology</i> , 2018 , 35, 81	3.7	3
94	A comprehensive analysis of BRCA2 gene: focus on mechanistic aspects of its functions, spectrum of deleterious mutations, and therapeutic strategies targeting BRCA2-deficient tumors. <i>Medical Oncology</i> , 2018 , 35, 18	3.7	5
93	BRCA1 mutation spectrum, functions, and therapeutic strategies: The story so far. <i>Current Problems in Cancer</i> , 2018 , 42, 189-207	2.3	13
92	GSTM1 and GSTT1 null polymorphism and antioxidant levels in oral submucous fibrosis, leukoplakia and oral cancer patients among a South Indian Population. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2018 , 30, 169-174	0.4	2
91	Research advances in Apert syndrome. <i>Journal of Oral Biology and Craniofacial Research</i> , 2018 , 8, 194-199.6		6
90	Apert syndrome: Study by whole exome sequencing. <i>Genes and Diseases</i> , 2018 , 5, 119-122	6.6	2

89	Safety and Ethics in Biotechnology and Bioengineering 2018 , 577-590		2
88	Analysis of pro- and anti-inflammatory cytokine gene variants and serum cytokine levels as prognostic markers in breast cancer. <i>Journal of Cellular Physiology</i> , 2018 , 233, 9716-9723	7	9
87	Recent Updates on the Therapeutic Potential of HER2 Tyrosine Kinase Inhibitors for the Treatment of Breast Cancer. <i>Current Cancer Drug Targets</i> , 2018 , 18, 306-327	2.8	13
86	PPInS: a repository of protein-protein interaction sitesbase. <i>Scientific Reports</i> , 2018 , 8, 12453	4.9	5
85	Role of p53 Gene in Breast Cancer: Focus on Mutation Spectrum and Therapeutic Strategies. <i>Current Pharmaceutical Design</i> , 2018 , 24, 3566-3575	3.3	37
84	Role of 2-Dimensional Autocorrelation Descriptors in Predicting Antimalarial Activity of Artemisinin and its Analogs: A QSAR Study. <i>Current Topics in Medicinal Chemistry</i> , 2018 , 18, 2720-2730	3	3
83	Quinoline-based Protein-protein Interaction Inhibitors of LEDGF/p75 and HIV Integrase: An In Silico Study. <i>Current Topics in Medicinal Chemistry</i> , 2018 , 18, 2800-2815	3	2
82	Pharmacological and molecular approaches for the treatment of Hemoglobin disorders. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4563-4577	7	15
81	Omics and Edible Vaccines 2018 , 129-141		2
80	Association of CYP2C19*2 and ALDH1A1*1/*2 variants with disease outcome in breast cancer patients: results of a global screening array. <i>European Journal of Clinical Pharmacology</i> , 2018 , 74, 1291-1298	2.8	5
79	Pyrimidine containing epidermal growth factor receptor kinase inhibitors: Synthesis and biological evaluation. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 995-1006	2.9	18
78	Genetic Understanding of Stroke Treatment: Potential Role for Phosphodiesterase Inhibitors. <i>Advances in Neurobiology</i> , 2017 , 17, 445-461	2.1	7
77	Oxidative Stress in the Development of Genetic Generalised Epilepsy: An Observational Study in Southern Indian Population. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017 , 11, BC05-BC08	0	5
76	Structural insights of cyclin dependent kinases: Implications in design of selective inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 424-458	6.8	43
75	Recent advances in HER2 positive breast cancer epigenetics: Susceptibility and therapeutic strategies. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 316-327	6.8	17
74	Role of TLR4 (C1196T) and CD14 (C-260T) Polymorphisms in Development of Ischemic Stroke, Its Subtypes and Hemorrhagic Stroke. <i>Journal of Molecular Neuroscience</i> , 2017 , 63, 300-307	3.3	7
73	Lessons Learned From Cohort Studies, and Hospital-Based Studies and Their Implications in Precision Medicine 2017 , 187-207		1
72	Time to Educate Physicians and Hospital Staff in Electronic Medical Records for Precision Medicine 2017 , 217-232		

71	Role of Genomic Alterations in HER2 Positive Breast Carcinoma: Focus on Susceptibility and Trastuzumab-therapy. <i>Current Cancer Drug Targets</i> , 2017 , 17, 344-356	2.8	8
70	Genetic Signatures in Ischemic Stroke: Focus on Aspirin Resistance. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 974-982	2.6	7
69	Primordial dwarfism: overview of clinical and genetic aspects. <i>Molecular Genetics and Genomics</i> , 2016 , 291, 1-15	3.1	48
68	Association of APOE (E2, E3 and E4) gene variants and lipid levels in ischemic stroke, its subtypes and hemorrhagic stroke in a South Indian population. <i>Neuroscience Letters</i> , 2016 , 628, 136-41	3.3	11
67	Association between PDE4D gene and ischemic stroke: recent advancements. <i>International Journal of Neuroscience</i> , 2016 , 126, 577-83	2	9
66	Association of BCL11A genetic variant (rs11886868) with severity in β -thalassaemia major & sickle cell anaemia. <i>Indian Journal of Medical Research</i> , 2016 , 143, 449-54	2.9	3
65	Epigenetic Mechanisms in Plants: An Overview 2015 , 265-278		3
64	Genetic determinants in ischaemic stroke subtypes: seven year findings and a review. <i>Gene</i> , 2015 , 555, 250-9	3.8	21
63	Association of ACE gene I/D polymorphism and ACE levels with hemorrhagic stroke: comparison with ischemic stroke. <i>Neurological Sciences</i> , 2015 , 36, 137-42	3.5	15
62	Modifiers of β -Globin Gene Expression and Treatment of β -thalassemia 2015 ,		1
61	Computer aided identification of sodium channel blockers in the clinical treatment of epilepsy using molecular docking tools. <i>Bioinformatics</i> , 2015 , 11, 131-7	1.1	19
60	Interleukin 1 α (+3954, -511 and -31) polymorphism in chronic periodontitis patients from North India. <i>Acta Odontologica Scandinavica</i> , 2015 , 73, 343-7	2.2	17
59	Genetic signatures in the treatment of stroke. <i>Current Pharmaceutical Design</i> , 2015 , 21, 343-54	3.3	3
58	MTHFR gene (C677T) polymorphism in Ischemic stroke, its subtypes and hemorrhagic stroke in a South Indian population. <i>Acta Medica International</i> , 2015 , 2, 28	0.1	2
57	Association of Xmn1 -158 Δ variant with severity and HbF levels in β -thalassemia major and sickle cell anaemia. <i>Molecular Biology Reports</i> , 2014 , 41, 3331-7	2.8	14
56	Association of the genetic variants of insulin receptor substrate 1 (IRS-1) with type 2 diabetes mellitus in a Saudi population. <i>Endocrine</i> , 2014 , 47, 472-7	4	27
55	Significance of MDR1 gene polymorphism C3435T in predicting drug response in epilepsy. <i>Epilepsy Research</i> , 2014 , 108, 251-6	3	30
54	Association of GABRA6 1519 T>C (rs3219151) and Synapsin II (rs37733634) gene polymorphisms with the development of idiopathic generalized epilepsy. <i>Epilepsy Research</i> , 2014 , 108, 1267-73	3	15

53	CRP gene (1059G>C) polymorphism and its plasma levels in ischemic stroke and hemorrhagic stroke in a south Indian population. <i>Inflammation</i> , 2014 , 37, 1683-8	5.1	11
52	Variants of DHFR, MTHFD1, and MTHFR Genes: Relation to CNS Malformations. <i>Journal of Obstetrics and Gynecology of India</i> , 2014 , 64, 24-5	1	1
51	E-selectin gene (S128R) polymorphism in hemorrhagic stroke: comparison with ischemic stroke. <i>Neuroscience Letters</i> , 2014 , 581, 125-8	3.3	8
50	Apolipoprotein C3 gene polymorphisms in Southern Indian patients with nonalcoholic fatty liver disease. <i>Indian Journal of Gastroenterology</i> , 2014 , 33, 524-9	1.9	12
49	Association of serum trace elements and minerals with genetic generalized epilepsy and idiopathic intractable epilepsy. <i>Neurochemical Research</i> , 2014 , 39, 2370-6	4.6	11
48	Association of -1382A>G CCL11 gene variant with ischemic stroke, its subtypes and hemorrhagic stroke in a South Indian population. <i>Neurology India</i> , 2014 , 62, 387-92	0.7	8
47	Breast Cancer MicroRNAs: Clinical Biomarkers for the Diagnosis and Treatment Strategies 2014 , 171-182		3
46	Association of E-selectin gene polymorphism (S128R) with ischemic stroke and stroke subtypes. <i>Inflammation</i> , 2014 , 37, 599-603	5.1	9
45	In Silico Disease Models of Breast Cancer 2014 , 315-331		
44	Genetics of nonalcoholic Fatty liver disease: an overview. <i>Journal of Genetics and Genomics</i> , 2013 , 40, 15-22	4	18
43	ABCA1 C69T gene polymorphism and risk of type 2 diabetes mellitus in a Saudi population. <i>Journal of Biosciences</i> , 2013 , 38, 893-7	2.3	23
42	Association of ALOX5AP1 SG13S114T/A variant with ischemic stroke, stroke subtypes and aspirin resistance. <i>Journal of the Neurological Sciences</i> , 2013 , 331, 108-13	3.2	12
41	Three most common nonsynonymous UGT1A6*2 polymorphisms (Thr181Ala, Arg184Ser and Ser7Ala) and therapeutic response to deferiprone in β -thalassemia major patients. <i>Gene</i> , 2013 , 531, 301-5 ^{3.8}		7
40	Serum albumin levels in ischemic stroke and its subtypes: correlation with clinical outcome. <i>Nutrition</i> , 2013 , 29, 872-5	4.8	45
39	Association of COX-2 rs20417 with aspirin resistance. <i>Journal of Thrombosis and Thrombolysis</i> , 2013 , 35, 95-9	5.1	26
38	Genetics of idiopathic generalized epilepsy: an overview. <i>Neurology India</i> , 2013 , 61, 572-7	0.7	9
37	Methanolic Extract of Nigella sativa Seed Inhibits SiHa Human Cervical Cancer Cell Proliferation Through Apoptosis. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	5
36	Pharmacogenomics of Allergy and Asthma 2013 , 529-557		

35	Ethical Considerations in Pharmacogenomics 2013 , 147-161		
34	Epigenome 2013 , 43-71		1
33	Association of 1347 G/A cytochrome P450 4F2 (CYP4F2) gene variant with hypertension and stroke. <i>Molecular Biology Reports</i> , 2012 , 39, 1677-82	2.8	34
32	Genetic variation in MDR1, LPL and eNOS genes and the response to atorvastatin treatment in ischemic stroke. <i>Human Genetics</i> , 2012 , 131, 1775-81	6.3	12
31	Comparative analysis of hemagglutinin of 2009 H1N1 influenza A pandemic indicates its evolution to 1918 H1N1 pandemic. <i>Gene</i> , 2012 , 491, 200-4	3.8	7
30	Association of genetic variants of fibrinolytic system with stroke and stroke subtypes. <i>Gene</i> , 2012 , 495, 76-80	3.8	28
29	Association of SNP41, SNP56 and a novel SNP in PDE4D gene with stroke and its subtypes. <i>Gene</i> , 2012 , 506, 31-5	3.8	15
28	Cytokine gene polymorphisms in the susceptibility to acute coronary syndrome. <i>Genetic Testing and Molecular Biomarkers</i> , 2012 , 16, 359-65	1.6	30
27	Association of C3435T multi drug resistance gene-1 polymorphism with aspirin resistance in ischemic stroke and its subtypes. <i>Journal of the Neurological Sciences</i> , 2012 , 315, 72-6	3.2	14
26	Association of LPL gene variant and LDL, HDL, VLDL cholesterol and triglyceride levels with ischemic stroke and its subtypes. <i>Journal of the Neurological Sciences</i> , 2012 , 318, 51-4	3.2	46
25	C-reactive protein and nitric oxide levels in ischemic stroke and its subtypes: correlation with clinical outcome. <i>Inflammation</i> , 2012 , 35, 978-84	5.1	44
24	Artemisia absinthium (AA): a novel potential complementary and alternative medicine for breast cancer. <i>Molecular Biology Reports</i> , 2012 , 39, 7373-9	2.8	45
23	Genetics of ischemic stroke: Indian perspective. <i>Neurology India</i> , 2012 , 60, 498-503	0.7	12
22	A rare occurrence of concordant neural tube defects in monozygotic twins of an epileptic woman. <i>Neurology India</i> , 2012 , 60, 428-9	0.7	
21	Association of tumor necrosis factor-1 α and matrix metalloproteinase-3 gene variants with stroke. <i>European Journal of Neurology</i> , 2011 , 18, 1053-9	6	18
20	Response to Kountouras. <i>European Journal of Neurology</i> , 2011 , 18, e77-e77	6	
19	Lack of association of G779A ZHX-2 gene variant with HbF levels in β -thalassemia major. <i>European Journal of Haematology</i> , 2011 , 86, 502-6	3.8	3
18	The M235T polymorphism of the angiotensinogen gene in South Indian patients of hypertrophic cardiomyopathy. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011 , 12, 238-42	3	8

17	Genetic basis of stroke: an overview. <i>Neurology India</i> , 2010 , 58, 185-90	0.7	8
16	Association of the -344C/T aldosterone synthase (CYP11B2) gene variant with hypertension and stroke. <i>Journal of the Neurological Sciences</i> , 2010 , 296, 34-8	3.2	36
15	VNTR polymorphism in intron 4 of the eNOS gene and the risk of ischemic stroke in a South Indian population. <i>Brain Research Bulletin</i> , 2010 , 82, 247-50	3.9	31
14	Interleukin-10-1082 promoter polymorphism and ischemic stroke risk in a South Indian population. <i>Cytokine</i> , 2010 , 52, 221-4	4	33
13	Association of estrogen receptor alpha gene polymorphisms with BMD and their affect on estradiol levels in pre- and postmenopausal women in south Indian population from Andhra Pradesh. <i>Clinica Chimica Acta</i> , 2010 , 411, 597-600	6.2	15
12	Estrogen receptor β genetic variants and the risk of stroke in a South Indian population from Andhra Pradesh. <i>Clinica Chimica Acta</i> , 2010 , 411, 1817-21	6.2	20
11	MicroRNA signatures in neurological disorders. <i>Canadian Journal of Neurological Sciences</i> , 2010 , 37, 177-85		37
10	Antioxidant potential of curcumin against oxidative insult induced by pentylenetetrazol in epileptic rats. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2010 , 32, 227-32		41
9	Depletion of serum zinc in ischemic stroke patients. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2010 , 32, 433-6		26
8	Induction of apoptosis in HeLa cells by chloroform fraction of seed extracts of <i>Nigella sativa</i> . <i>Cancer Cell International</i> , 2009 , 9, 29	6.4	63
7	Inherited hemoglobin disorders in Andhra Pradesh, India: a population study. <i>Clinica Chimica Acta</i> , 2009 , 400, 117-9	6.2	19
6	Prothombin gene G20210A mutation is not a risk factor for ischemic stroke in a South Indian Hyderabad Population. <i>Thrombosis Research</i> , 2009 , 124, 245-7	8.2	14
5	Phosphodiesterase 4D (PDE4D) gene variants and the risk of ischemic stroke in a South Indian population. <i>Journal of the Neurological Sciences</i> , 2009 , 285, 142-5	3.2	33
4	Histone modifications dictate specific biological readouts. <i>Journal of Genetics and Genomics</i> , 2009 , 36, 75-88	4	97
3	Angiotensin-converting enzyme insertion/deletion polymorphism and the risk of ischemic stroke in a South Indian population. <i>Journal of the Neurological Sciences</i> , 2008 , 272, 132-5	3.2	59
2	Stroke genetics--focus on PDE4D gene. <i>International Journal of Stroke</i> , 2008 , 3, 188-92	6.3	34
1	Genomic imprinting - the story of the other half and the conflicts of silencing. <i>Journal of Genetics and Genomics</i> , 2007 , 34, 93-103	4	9