Arupa Ganguly

List of Publications by Year
in descending order

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66 papers	2,899 citations	257450 24 h-index	182427 51 g-index
68 all docs	68 docs citations	68 times ranked	3861 citing authors

#	Article	IF	Citations
1	BRCA1Mutations in Women Attending Clinics That Evaluate the Risk of Breast Cancer. New England Journal of Medicine, 1997, 336, 1409-1415.	27.0	660
2	Identification of GPC2 as an Oncoprotein and Candidate Immunotherapeutic Target in High-Risk Neuroblastoma. Cancer Cell, 2017, 32, 295-309.e12.	16.8	148
3	Novel mutations inENGandACVRL1identified in a series of 200 individuals undergoing clinical genetic testing for hereditary hemorrhagic telangiectasia (HHT): correlation of genotype with phenotype. Human Mutation, 2006, 27, 667-675.	2.5	136
4	Chromosome 3 Status Combined WithBAP1andEIF1AXMutation Profiles Are Associated With Metastasis in Uveal Melanoma. , 2014, 55, 5160.		130
5	Overlapping spectra of SMAD4 mutations in juvenile polyposis (JP) and JPâ€“HHT syndrome. American Journal of Medical Genetics, Part A, 2010, 152A, 333-339.	1.2	128
6	RB1 gene inactivation by chromothripsis in human retinoblastoma. Oncotarget, 2014, 5, 438-450.	1.8	104
7	Differential gene expression profile of retinoblastoma compared to normal retina. Molecular Vision, 2010, 16, 1292-303.	1.1	87
8	An update on conformation sensitive gel electrophoresis. Human Mutation, 2002, 19, 334-342.	2.5	84
9	Exon skipping caused by an intronic insertion of a young Alu Yb9 element leads to severe hemophiliaï¿½A. Human Genetics, 2003, 113, 348-352.	3.8	79
10	Enhanced Sensitivity for Detection of Low-Level Germline MosaicRB1Mutations in Sporadic Retinoblastoma Cases Using Deep Semiconductor Sequencing. Human Mutation, 2014, 35, 384-391.	2.5	79
11	Update on molecular diagnosis of hereditary hemorrhagic telangiectasia. Human Genetics, 2010, 128, 61-77.	3.8	74
12	Personalized Prognosis of Uveal Melanoma Based on Cytogenetic Profile in 1059 Patients over an 8-Year Period. Ophthalmology, 2017, 124, 1523-1531.	5.2	73
13	Multiple primary melanoma revisited. Cancer, 2002, 94, 2248-2255.	4.1	65
14	Cytogenetic Abnormalities in Uveal Melanoma Based on Tumor Features and Size in 1059 Patients. Ophthalmology, 2017, 124, 609-618.	5.2	63
15	Characterization of the Beckwithâ€Wiedemann spectrum: Diagnosis and management. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 693-708.	1.6	62
16	Detection of SARS-CoV-2 RNA using RT-LAMP and molecular beacons. Genome Biology, 2021, 22, 169.	8.8	61
17	Sensitive multistep clinical molecular screening of 180 unrelated individuals with retinoblastoma detects 36 novel mutations in theRB1 gene. Human Mutation, 2005, 25, 566-574.	2.5	59
18	PRiMeUM: A Model for Predicting Risk of Metastasis in Uveal Melanoma. , 2017, 58, 4096.		50

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19	Genetic Analysis of Uveal Melanoma in 658 Patients Using the Cancer Genome Atlas Classification of Uveal Melanoma as A, B, C, and D. Ophthalmology, 2019, 126, 1445-1453.	5.2	48
20	Comparison of Germline versus Somatic BAP1 Mutations for Risk of Metastasis in Uveal Melanoma. BMC Cancer, 2018, 18, 1172.	2.6	39
21	High throughput mutation screening of the factor VIII gene (F8C) in hemophilia A: 37 novel mutations and genotype-phenotype correlation. Human Mutation, 2002, 20, 267-274.	2.5	34
22	Recent advances in retinoblastoma genetic research. Current Opinion in Ophthalmology, 2009, 20, 351-355.	2.9	32
23	Diagnosis of Beckwithâ€“Wiedemann syndrome in children presenting with Wilms tumor. Pediatric Blood and Cancer, 2018, 65, e27296.	1.5	32
24	Accuracy of The Cancer Genome Atlas Classification vs American Joint Committee on Cancer Classification for Prediction of Metastasis in Patients With Uveal Melanoma. JAMA Ophthalmology, 2020, 138, 260.	2.5	32
25	Phosphorylation of pRb: mechanism for RB pathway inactivation in MYCNâ€amplified retinoblastoma. Cancer Medicine, 2017, 6, 619-630.	2.8	31
26	Molecular diagnosis of somatic overgrowth conditions: A singleâ€center experience. Molecular Genetics & Genomic Medicine, 2019, 7, e536.	1.2	28
27	A caseâ€“control study of sporadic retinoblastoma in relation to maternal health conditions and reproductive factors: a report from the Childrenâ€™s Oncology group. BMC Cancer, 2015, 15, 735.	2.6	26
28	Genetic testing for inherited colorectal cancer and polyposis, 2021 revision: a technical standard of the American College of Medical Genetics and Genomics (ACMG). Genetics in Medicine, 2021, 23, 1807-1817.	2.4	26
29	11p15.5 epimutations in children with Wilms tumor and hepatoblastoma detected in peripheral blood. Cancer, 2020, 126, 3114-3121.	4.1	23
30	Adding the Cancer Genome Atlas Chromosome Classes to American Joint Committee on Cancer System Offers More Precise Prognostication in Uveal Melanoma. Ophthalmology, 2022, 129, 431-437.	5.2	23
31	Genetic Testing for Breast Cancer Susceptibility: Frequency of BRCA1 and BRCA2 Mutations. Genetic Testing and Molecular Biomarkers, 1997, 1, 85-90.	1.7	22
32	Detection of mutations in multi-exon genes: Comparison of conformation sensitive gel electrophoresis and sequencing strategies with respect to cost and time for finding mutations. Human Mutation, 1997, 9, 339-343.	2.5	22
33	Ten-year outcomes of uveal melanoma based on The Cancer Genome Atlas (TCGA) classification in 1001 cases. Indian Journal of Ophthalmology, 2021, 69, 1839.	1.1	22
34	Medical radiation exposure and risk of retinoblastoma resulting from new germline RB1 mutation. International Journal of Cancer, 2011, 128, 2393-2404.	5.1	21
35	Maternal diet during pregnancy and unilateral retinoblastoma. Cancer Causes and Control, 2015, 26, 387-397.	1.8	21
36	Sporadic Retinoblastoma and Parental Smoking and Alcohol Consumption before and after Conception: A Report from the Childrenâ€™s Oncology Group. PLoS ONE, 2016, 11, e0151728.	2.5	21

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37	MULTIFOCAL CHOROIDAL MELANOMA IN A PATIENT WITH GERM LINE BRCA-ASSOCIATED PROTEIN 1 MUTATION. Retinal Cases and Brief Reports, 2018, 12, 1-4.	0.6	17
38	Diagnosis and management of the phenotypic spectrum of twins with Beckwithâ€Wiedemann syndrome. American Journal of Medical Genetics, Part A, 2019, 179, 1139-1147.	1.2	17
39	Improved molecular detection of mosaicism in Beckwith-Wiedemann Syndrome. Journal of Medical Genetics, 2021, 58, 178-184.	3.2	17
40	MOLECULAR KARYOTYPE OF SPORADIC UNILATERAL RETINOBLASTOMA TUMORS. Retina, 2009, 29, 1002-1012.	1.7	16
41	Prognostication of uveal melanoma is simple and highly predictive using The Cancer Genome Atlas (TCGA) classification: A review. Indian Journal of Ophthalmology, 2019, 67, 1959.	1.1	16
42	Chromosome 3 and 8q Aberrations in Uveal Melanoma Show Greater Impact on Survival in Patients with Light Iris versus Dark Iris Color. Ophthalmology, 2022, 129, 421-430.	5.2	16
43	Residential Pesticide Exposures in Pregnancy and the Risk of Sporadic Retinoblastoma: A Report From the Children's Oncology Group. American Journal of Ophthalmology, 2017, 176, 166-173.	3.3	15
44	Mutation Spectrum of RB1 Gene in Unilateral Retinoblastoma Cases from Tunisia and Correlations with Clinical Features. PLoS ONE, 2015, 10, e0116615.	2.5	15
45	Parental nutrient intake and risk of retinoblastoma resulting from new germline RB1 mutation. Cancer Causes and Control, 2013, 24, 343-355.	1.8	14
46	The role of CTCF in the organization of the centromeric 11p15 imprinted domain interactome. Nucleic Acids Research, 2021, 49, 6315-6330.	14.5	11
47	SARS-CoV-2 Variants Associated with Vaccine Breakthrough in the Delaware Valley through Summer 2021. MBio, 2022, 13, e0378821.	4.1	11
48	Parental diet and risk of retinoblastoma resulting from new germline RB1 mutation. Environmental and Molecular Mutagenesis, 2012, 53, 451-461.	2.2	10
49	Parental occupational exposures and the risk of childhood sporadic retinoblastoma: a report from the Childrenâ€™s Oncology Group. Occupational and Environmental Medicine, 2018, 75, 205-211.	2.8	9
50	Cytogenetic results of choroidal nevus growth into melanoma in 55 consecutive cases. Saudi Journal of Ophthalmology, 2018, 32, 28-32.	0.3	8
51	Prenatal molecular testing and diagnosis of Beckwithâ€Wiedemann syndrome. Prenatal Diagnosis, 2021, 41, 817-822.	2.3	8
52	Fibulin-2 exhibits high degree of variability, but no structural changes concordant with abdominal aortic aneurysms. European Journal of Human Genetics, 1998, 6, 642-646.	2.8	7
53	Epigenetic mosaicism and cell burden in Beckwith-Wiedemann Syndrome due to loss of methylation at imprinting control region 2. Journal of Physical Education and Sports Management, 2021, 7, mcs.a006115.	1.2	7
54	De novo mutational profile in RB1 clarified using a mutation rate modeling algorithm. BMC Genomics, 2017, 18, 155.	2.8	6

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55	Orofacial overgrowth with peripheral nerve enlargement and perineuriomatous pseudo-onion bulb proliferations is part of the PIK3CA-related overgrowth spectrum. Human Genetics and Genomics Advances, 2020, 1, 100009.	1.7	6
56	Caucasian family with two independent mutations: 2594delC inBRCA1 and 5392delAG inBRCA2 gene. American Journal of Medical Genetics Part A, 2001, 101, 146-152.	2.4	5
57	Molecular Karyotyping for Detection of Prognostic Markers in Fine Needle Aspiration Biopsy Samples of Uveal Melanoma. Methods in Molecular Biology, 2014, 1102, 441-458.	0.9	5
58	Coexistence of paternally-inherited ABCC8 mutation and mosaic paternal uniparental disomy 11p hyperinsulinism. International Journal of Pediatric Endocrinology (Springer), 2020, 2020, 13.	1.6	4
59	Effect of Opt-In vs Opt-Out Framing on Enrollment in a COVID-19 Surveillance Testing Program. JAMA Network Open, 2021, 4, e2112434.	5.9	4
60	Subcutaneous melanocytoma mimicking a lipoma: a rare presentation of a rare neoplasm with histological, immunohistochemical, cytogenetic and molecular characterization. Journal of Cutaneous Pathology, 2016, 43, 1186-1196.	1.3	3
61	GROWTH OF PRESUMED CHOROIDAL NEVUS INTO MELANOMA OVER 4 YEARS IN BAP1 TUMOR PREDISPOSITION SYNDROME. Retinal Cases and Brief Reports, 2021, 15, 93-96.	0.6	3
62	Conformation-Sensitive Gel Electrophoresis. , 2003, 212, 047-058.		1
63	Assessment of Risk for Hereditary Retinoblastoma. , 2021, , 1-15.		0
64	Estimation of Exon Dosage Using Real-Time Quantitative Polymerase Chain Reaction. , 2012, , 79-85.		0
65	Reply. Ophthalmology, 2022, , .	5.2	0
66	Assessment of Risk for Hereditary Retinoblastoma. , 2022, , 7925-7939.		0