George Charames

List of Publications by Year
in descending order

29 papers	978 citations	759233 12 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	2399 citing authors

#	Article	IF	Citations
1	Combined hereditary and somatic mutations of replication error repair genes result in rapid onset of ultra-hypermutated cancers. Nature Genetics, 2015, 47, 257-262.	21.4	306
2	Genomic Instability and Cancer. Current Molecular Medicine, 2003, 3, 589-596.	1.3	186
3	Rac1 GTPase and the Rac1 exchange factor Tiam1 associate with Wnt-responsive promoters to enhance beta-catenin/TCF-dependent transcription in colorectal cancer cells. Molecular Cancer, 2008, 7, 73.	19.2	68
4	Epithelioid fibrous histiocytoma: molecular characterization of ALK fusion partners in 23 cases. Modern Pathology, 2018, 31, 753-762.	5.5	65
5	Activation of Tumor-Specific Splice Variant Rac1b by Dishevelled Promotes Canonical Wnt Signaling and Decreased Adhesion of Colorectal Cancer Cells. Cancer Research, 2007, 67, 2469-2479.	0.9	56
6	Do MSH6 mutations contribute to double primary cancers of the colorectum and endometrium?. Human Genetics, 2000, 107, 623-629.	3.8	45
7	Variant classification changes over time in BRCA1 and BRCA2. Genetics in Medicine, 2019, 21, 2248-2254.	2.4	37
8	Data sharing as a national quality improvement program: reporting on BRCA1 and BRCA2 variant-interpretation comparisons through the Canadian Open Genetics Repository (COGR). Genetics in Medicine, 2018, 20, 294-302.	2.4	27
9	A large novel deletion in the APC promoter region causes gene silencing and leads to classical familial adenomatous polyposis in a Manitoba Mennonite kindred. Human Genetics, 2008, 124, 535-541.	3.8	22
10	Genetic testing for <scp>BRCA1</scp> and <scp>BRCA2</scp> in the Province of Ontario. Clinical Genetics, 2016, 89, 304-311.	2.0	18
11	Onco-proteogenomics: Multi-omics level data integration for accurate phenotype prediction. Critical Reviews in Clinical Laboratory Sciences, 2017, 54, 414-432.	6.1	16
12	Data sharing to improve concordance in variant interpretation across laboratories: results from the Canadian Open Genetics Repository. Journal of Medical Genetics, 2022, 59, 571-578.	3.2	14
13	Genetic testing for Lynch syndrome in the province of Ontario. Cancer, 2016, 122, 1672-1679.	4.1	12
14	Tumor BRCA Testing in High Grade Serous Carcinoma: Mutation Rates and Optimal Tissue Requirements. Cancers, 2020, 12, 3468.	3.7	12
15	Genetic biomarkers associated with pain flare and dexamethasone response following palliative radiotherapy in patients with painful bone metastases. Annals of Palliative Medicine, 2017, 6, S240-S247.	1.2	11
16	Suppression of nuclear Wnt signaling leads to stabilization of Rac1 isoforms. FEBS Letters, 2007, 581, 4850-4856.	2.8	10
17	Retesting of women who are negative for a BRCA1 and BRCA2 mutation using a 20-gene panel. Journal of Medical Genetics, 2020, 57, 380-384.	3.2	10
18	Variant peptide detection utilizing mass spectrometry: laying the foundations for proteogenomic identification and validation. Clinical Chemistry and Laboratory Medicine, 2017, 55, 1291-1304.	2.3	9

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19	Predictive biomarkers of chemotherapy-induced peripheral neuropathy: a review. Biomarkers in Medicine, 2018, 12, 907-916.	1.4	9
20	Rac1b recruits Dishevelled and Î²-catenin to Wnt target gene promoters independent of Wnt3A stimulation. International Journal of Oncology, 2011, 39, 805-10.	3.3	8
21	Multigene panel testing for hereditary breast and ovarian cancer in the province of Ontario. Journal of Cancer Research and Clinical Oncology, 2021, 147, 871-879.	2.5	7
22	Cyclooxygenase-2 knockdown by RNA interference in colon cancer. International Journal of Oncology, 2006, 28, 543.	3.3	6
23	Genetic biomarkers associated with changes in quality of life and pain following palliative radiotherapy in patients with bone metastases. Annals of Palliative Medicine, 2017, 6, S248-S256.	1.2	6
24	Implementing Next-Generation Sequencing in Clinical Practice. journal of applied laboratory medicine, The, 2018, 3, 338-341.	1.3	4
25	<scp>Costâ€effectiveness</scp> of noninvasive fetal <scp>RhD</scp> blood group genotyping in nonalloimmunized and alloimmunized pregnancies. Transfusion, 2022, 62, 1089-1102.	1.6	4
26	Proteome-wide onco-proteogenomic somatic variant identification in ER-positive breast cancer. Clinical Biochemistry, 2019, 66, 63-75.	1.9	3
27	Genetic biomarkers associated with response to palliative radiotherapy in patients with painful bone metastases. Annals of Palliative Medicine, 2017, 6, S233-S239.	1.2	2
28	Identification of a novel MSH6 germline variant in a family with multiple gastro-intestinal malignancies by next generation sequencing. Familial Cancer, 2015, 14, 69-75.	1.9	1
29	Abstract LB-329: Enhancing the resolution and accelerating the pace of translational fusion characterization in oncology by RNA sequencing. , 2016, , .		0