

# Pedro Castelo-Branco

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

5,034  
citations

236925

25  
h-index

214800

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

8475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. <i>Nature</i> , 2012, 482, 226-231.	27.8	2,129
2	Genomic analysis of diffuse intrinsic pontine gliomas identifies three molecular subgroups and recurrent activating ACVR1 mutations. <i>Nature Genetics</i> , 2014, 46, 451-456.	21.4	525
3	Subgroup-Specific Prognostic Implications of TP53 Mutation in Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 2927-2935.	1.6	381
4	BRAF Mutation and CDKN2A Deletion Define a Clinically Distinct Subgroup of Childhood Secondary High-Grade Glioma. <i>Journal of Clinical Oncology</i> , 2015, 33, 1015-1022.	1.6	244
5	Methylation of the TERT promoter and risk stratification of childhood brain tumours: an integrative genomic and molecular study. <i>Lancet Oncology</i> , 2013, 14, 534-542.	10.7	212
6	Mechanisms of human telomerase reverse transcriptase (hTERT) regulation: clinical impacts in cancer. <i>Journal of Biomedical Science</i> , 2018, 25, 22.	7.0	172
7	Polypyrimidine Tract Binding Protein Modulates Efficiency of Polyadenylation. <i>Molecular and Cellular Biology</i> , 2004, 24, 4174-4183.	2.3	155
8	DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. <i>Journal of Clinical Investigation</i> , 2018, 129, 223-229.	8.2	130
9	Cellular Interactions in the Tumor Microenvironment: The Role of Secretome. <i>Journal of Cancer</i> , 2019, 10, 4574-4587.	2.5	91
10	Roadmap of DNA methylation in breast cancer identifies novel prognostic biomarkers. <i>BMC Cancer</i> , 2019, 19, 219.	2.6	90
11	Trichostatin A and Oncolytic HSV Combination Therapy Shows Enhanced Antitumoral and Antiangiogenic Effects. <i>Molecular Therapy</i> , 2008, 16, 1041-1047.	8.2	74
12	Cancer Stem Cells in Prostate Cancer: Implications for Targeted Therapy. <i>Urologia Internationalis</i> , 2017, 99, 125-136.	1.3	61
13	Combined genetic and epigenetic alterations of the TERT promoter affect clinical and biological behavior of bladder cancer. <i>International Journal of Cancer</i> , 2019, 144, 1676-1684.	5.1	57
14	Monoallelic Expression Determines Oncogenic Progression and Outcome in Benign and Malignant Brain Tumors. <i>Cancer Research</i> , 2012, 72, 636-644.	0.9	56
15	A cancer specific hypermethylation signature of the TERT promoter predicts biochemical relapse in prostate cancer: a retrospective cohort study. <i>Oncotarget</i> , 2016, 7, 57726-57736.	1.8	55
16	Neural Tumor-Initiating Cells Have Distinct Telomere Maintenance and Can be Safely Targeted for Telomerase Inhibition. <i>Clinical Cancer Research</i> , 2011, 17, 111-121.	7.0	53
17	Alternative lengthening of telomeres is enriched in, and impacts survival of TP53 mutant pediatric malignant brain tumors. <i>Acta Neuropathologica</i> , 2014, 128, 853-862.	7.7	46
18	Telomere dysfunction and chromothripsis. <i>International Journal of Cancer</i> , 2016, 138, 2905-2914.	5.1	42

#	ARTICLE	IF	CITATIONS
19	Epigenetic Profiling in Severe Sepsis: A Pilot Study of DNA Methylation Profiles in Critical Illness*. <i>Critical Care Medicine</i> , 2020, 48, 142-150.	0.9	42
20	Epigenetics of Sepsis. <i>Critical Care Medicine</i> , 2020, 48, 745-756.	0.9	41
21	WNT activation by lithium abrogates TP53 mutation associated radiation resistance in medulloblastoma. <i>Acta Neuropathologica Communications</i> , 2014, 2, 174.	5.2	37
22	Epigenetic therapy in urologic cancers: an update on clinical trials. <i>Oncotarget</i> , 2017, 8, 12484-12500.	1.8	35
23	Telomerase inhibition abolishes the tumorigenicity of pediatric ependymoma tumor-initiating cells. <i>Acta Neuropathologica</i> , 2014, 128, 863-877.	7.7	34
24	A pooled analysis of nivolumab for the treatment of advanced non-small-cell lung cancer and the role of PD-L1 as a predictive biomarker. <i>Immunotherapy</i> , 2016, 8, 1011-1019.	2.0	34
25	New Target Therapies in Advanced Non-Small Cell Lung Cancer: A Review of the Literature and Future Perspectives. <i>Journal of Clinical Medicine</i> , 2020, 9, 3543.	2.4	28
26	Lung cancer: a brief review of epidemiology and screening. <i>Future Oncology</i> , 2018, 14, 567-575.	2.4	24
27	CRISPR-based strategies in infectious disease diagnosis and therapy. <i>Infection</i> , 2021, 49, 377-385.	4.7	19
28	The TERT hypermethylated oncologic region predicts recurrence and survival in pancreatic cancer. <i>Future Oncology</i> , 2017, 13, 2045-2051.	2.4	17
29	Current and potential biomarkers in gastric cancer: a critical review of the literature. <i>Future Oncology</i> , 2021, 17, 3383-3396.	2.4	16
30	Immunotherapy in Patients with Advanced Non-Small Cell Lung Cancer Lacking Driver Mutations and Future Perspectives. <i>Cancers</i> , 2022, 14, 122.	3.7	16
31	Identification of colorectal cancer associated biomarkers: an integrated analysis of miRNA expression. <i>Aging</i> , 2021, 13, 21991-22029.	3.1	15
32	MetaLanc9 as a novel biomarker for non-small cell lung cancer: promising treatments via a PKG1-activated AKT/mTOR pathway. <i>Journal of Thoracic Disease</i> , 2018, 10, S2076-S2078.	1.4	11
33	Dual role of allele-specific DNA hypermethylation within the TERT promoter in cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
34	Homologous gene sequences mediate transcription-domain formation. <i>Journal of Cell Science</i> , 2006, 119, 3876-3887.	2.0	10
35	Comparative outcome assessment of epidermal growth factor receptor tyrosine kinase inhibitors for the treatment of advanced non-small-cell lung cancer: a network meta-analysis. <i>Oncotarget</i> , 2018, 9, 11805-11815.	1.8	9
36	Screening for Colorectal Cancer Leading into a New Decade: The "Roaring 20s" for Epigenetic Biomarkers?. <i>Current Oncology</i> , 2021, 28, 4874-4893.	2.2	9

#	ARTICLE	IF	CITATIONS
37	Marine Natural Products as a Promising Source of Therapeutic Compounds to Target Cancer Stem Cells. <i>Current Medicinal Chemistry</i> , 2021, 28, 4343-4355.	2.4	8
38	Promises and challenges of exhausting pediatric neural cancer stem cells. <i>Pediatric Research</i> , 2012, 71, 523-528.	2.3	6
39	Current and future aspects of TIM-3 as biomarker or as potential targeted in non-small cell lung cancer scope: is there a role in clinical practice?. <i>Translational Lung Cancer Research</i> , 2020, 9, 2311-2314.	2.8	6
40	PALOMA-3 clinical trial: is there a significant benefit in overall survival for breast cancer? Is it worth it?. <i>Future Oncology</i> , 2019, 15, 1407-1410.	2.4	4
41	Current advances in targeted therapies for metastatic gastric cancer: improving patient care. <i>Future Oncology</i> , 2016, 12, 839-854.	2.4	3
42	What Will We Expect From Novel Therapies to Esophageal and Gastric Malignancies?. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2018, 38, 249-261.	3.8	3
43	DNA Methylation of PI3K/AKT Pathway-Related Genes Predicts Outcome in Patients with Pancreatic Cancer: A Comprehensive Bioinformatics-Based Study. <i>Cancers</i> , 2021, 13, 6354.	3.7	3
44	Hot topics in epigenetic regulation of cancer self-renewal for pancreatic tumors: future trends. <i>Future Oncology</i> , 2019, 15, 683-685.	2.4	2
45	Comparative cost-effectiveness analysis of avelumab plus axitinib versus pembrolizumab plus axitinib, ipilimumab plus nivolumab, and sunitinib for advanced renal cell carcinoma in the U.K. <i>Perspective.. Journal of Clinical Oncology</i> , 2020, 38, 689-689.	1.6	2
46	Epigenetic regulation of cancer self-renewal differs between endocrine tumors.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15717-e15717.	1.6	0
47	Serum miRNA to predict post-chemotherapy viable disease in testicular non-seminomatous germ cell tumor patients.. <i>Journal of Clinical Oncology</i> , 2018, 36, 546-546.	1.6	0
48	Post-transcriptional silencing of <i>Bos taurus</i> prion family genes and its impact on granulosa cell steroidogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2022, 598, 95-99.	2.1	0
49	Correction for: Identification of colorectal cancer associated biomarkers: an integrated analysis of miRNA expression. <i>Aging</i> , 2022, 14, 2014-2015.	3.1	0