

Marta Crous-Bou

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

3,486
citations

159525

30
h-index

149623

56
g-index

90
all docs

90
docs citations

90
times ranked

7143
citing authors

#	ARTICLE	IF	CITATIONS
1	Alzheimer's disease prevention: from risk factors to early intervention. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 71.	3.0	424
2	Long-term exposure to residential green and blue spaces and anxiety and depression in adults: A cross-sectional study. <i>Environmental Research</i> , 2018, 162, 231-239.	3.7	208
3	Mediterranean diet and telomere length in Nurses' Health Study: population based cohort study. <i>BMJ</i> , 2014, 349, g6674-g6674.	3.0	195
4	Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , 2018, 9, 3166.	5.8	178
5	Effect of long-term exposure to air pollution on anxiety and depression in adults: A cross-sectional study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1074-1080.	2.1	161
6	Population-based multicase-control study in common tumors in Spain (MCC-Spain): rationale and study design. <i>Gaceta Sanitaria</i> , 2015, 29, 308-315.	0.6	158
7	Analysis of Heritability and Shared Heritability Based on Genome-Wide Association Studies for Thirteen Cancer Types. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv279.	3.0	152
8	Environmental and Genetic Risk Factors Associated with Venous Thromboembolism. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 808-820.	1.5	129
9	Amyloid beta, tau, synaptic, neurodegeneration, and glial biomarkers in the preclinical stage of the Alzheimer's <i>continuum</i>. <i>Alzheimer's and Dementia</i> , 2020, 16, 1358-1371.	0.4	120
10	Aberrant gene expression in mucosa adjacent to tumor reveals a molecular crosstalk in colon cancer. <i>Molecular Cancer</i> , 2014, 13, 46.	7.9	108
11	Characterization of Large Structural Genetic Mosaicism in Human Autosomes. <i>American Journal of Human Genetics</i> , 2015, 96, 487-497.	2.6	101
12	Discovery and Validation of New Potential Biomarkers for Early Detection of Colon Cancer. <i>PLoS ONE</i> , 2014, 9, e106748.	1.1	99
13	Female chromosome X mosaicism is age-related and preferentially affects the inactivated X chromosome. <i>Nature Communications</i> , 2016, 7, 11843.	5.8	86
14	Clinical Value of Prognosis Gene Expression Signatures in Colorectal Cancer: A Systematic Review. <i>PLoS ONE</i> , 2012, 7, e48877.	1.1	79
15	Cigarette smoking and K-ras mutations in pancreas, lung and colorectal adenocarcinomas: Etiopathogenic similarities, differences and paradoxes. <i>Mutation Research - Reviews in Mutation Research</i> , 2009, 682, 83-93.	2.4	76
16	Impact of urban environmental exposures on cognitive performance and brain structure of healthy individuals at risk for Alzheimer's dementia. <i>Environment International</i> , 2020, 138, 105546.	4.8	69
17	Mediterranean Diet and Telomere Length: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2020, 11, 1544-1554.	2.9	65
18	Identification of candidate susceptibility genes for colorectal cancer through eQTL analysis. <i>Carcinogenesis</i> , 2014, 35, 2039-2046.	1.3	60

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19	Plant-Rich Dietary Patterns, Plant Foods and Nutrients, and Telomere Length. <i>Advances in Nutrition</i> , 2019, 10, S296-S303.	2.9	51
20	Assessing the causal relationship between obesity and venous thromboembolism through a Mendelian Randomization study. <i>Human Genetics</i> , 2017, 136, 897-902.	1.8	46
21	Genome-wide association study of endometrial cancer in E2C2. <i>Human Genetics</i> , 2014, 133, 211-224.	1.8	42
22	Endometrial Cancer Risk Factors, Hormone Receptors, and Mortality Prediction. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 727-735.	1.1	42
23	Associations between air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Environment International</i> , 2021, 157, 106864.	4.8	40
24	Pharmacogenomics in colorectal cancer: a genome-wide association study to predict toxicity after 5-fluorouracil or FOLFOX administration. <i>Pharmacogenomics Journal</i> , 2013, 13, 209-217.	0.9	37
25	Polymorphisms in Alcohol Metabolism Genes ADH1B and ALDH2, Alcohol Consumption and Colorectal Cancer. <i>PLoS ONE</i> , 2013, 8, e80158.	1.1	36
26	Tools for protein-protein interaction network analysis in cancer research. <i>Clinical and Translational Oncology</i> , 2012, 14, 3-14.	1.2	35
27	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. <i>International Journal of Cancer</i> , 2021, 148, 307-319.	2.3	35
28	Association Between Oxytocin Receptor Genotype, Maternal Care, and Eating Disorder Behaviours in a Community Sample of Women. <i>European Eating Disorders Review</i> , 2017, 25, 19-25.	2.3	34
29	Genetic polymorphisms in fatty acid metabolism genes and colorectal cancer. <i>Mutagenesis</i> , 2012, 27, 169-176.	1.0	33
30	Episodic memory and executive functions in cognitively healthy individuals display distinct neuroanatomical correlates which are differentially modulated by aging. <i>Human Brain Mapping</i> , 2018, 39, 4565-4579.	1.9	32
31	Large differences in global transcriptional regulatory programs of normal and tumor colon cells. <i>BMC Cancer</i> , 2014, 14, 708.	1.1	31
32	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimer's continuum. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 135.	3.0	30
33	Telomere length and its relationships with lifestyle and behavioural factors: variations by sex and race/ethnicity. <i>Age and Ageing</i> , 2021, 50, 838-846.	0.7	29
34	Lifestyle and behavioral factors and mitochondrial DNA copy number in a diverse cohort of mid-life and older adults. <i>PLoS ONE</i> , 2020, 15, e0237235.	1.1	27
35	Coffee Consumption Is Positively Associated with Longer Leukocyte Telomere Length in the Nurses' Health Study. <i>Journal of Nutrition</i> , 2016, 146, 1373-1378.	1.3	26
36	Food and nutrient intakes and K-ras mutations in exocrine pancreatic cancer. <i>Journal of Epidemiology and Community Health</i> , 2007, 61, 641-649.	2.0	25

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37	Lifetime History of Tobacco Consumption and K-ras Mutations in Exocrine Pancreatic Cancer. <i>Pancreas</i> , 2007, 35, 135-141.	0.5	23
38	Prospective analysis of circulating metabolites and endometrial cancer risk. <i>Gynecologic Oncology</i> , 2021, 162, 475-481.	0.6	23
39	The association between air pollutants and hippocampal volume from magnetic resonance imaging: A systematic review and meta-analysis. <i>Environmental Research</i> , 2022, 204, 111976.	3.7	22
40	Prospective evaluation of 92 serum protein biomarkers for early detection of ovarian cancer. <i>British Journal of Cancer</i> , 2022, 126, 1301-1309.	2.9	22
41	Omics research, monetization of intellectual property and fragmentation of knowledge: can clinical epidemiology strengthen integrative research?. <i>Journal of Clinical Epidemiology</i> , 2007, 60, 1220-1225.	2.4	20
42	Exocrine pancreatic cancer clinical factors were related to timing of blood extraction and influenced serum concentrations of lipids. <i>Journal of Clinical Epidemiology</i> , 2008, 61, 695-704.	2.4	19
43	GWAS meta-analysis of 16 852 women identifies new susceptibility locus for endometrial cancer. <i>Human Molecular Genetics</i> , 2016, 25, ddw092.	1.4	19
44	DHA intake relates to better cerebrovascular and neurodegeneration neuroimaging phenotypes in middle-aged adults at increased genetic risk of Alzheimer disease. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1627-1635.	2.2	17
45	In pancreatic ductal adenocarcinoma blood concentrations of some organochlorine compounds and coffee intake are independently associated with KRAS mutations. <i>Mutagenesis</i> , 2009, 24, 513-521.	1.0	15
46	Interactions of established risk factors and a GWAS-based genetic risk score on the risk of venous thromboembolism. <i>Thrombosis and Haemostasis</i> , 2016, 116, 705-713.	1.8	15
47	Nurses' Health Study Contributions on the Epidemiology of Less Common Cancers: Endometrial, Ovarian, Pancreatic, and Hematologic. <i>American Journal of Public Health</i> , 2016, 106, 1608-1615.	1.5	15
48	Amyloid- β positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to lower hippocampal volume. <i>Neurobiology of Aging</i> , 2021, 104, 24-31.	1.5	13
49	Exome-Wide Association Study of Endometrial Cancer in a Multiethnic Population. <i>PLoS ONE</i> , 2014, 9, e97045.	1.1	12
50	Prospective association of depression and phobic anxiety with changes in telomere lengths over 11 years. <i>Depression and Anxiety</i> , 2018, 35, 431-439.	2.0	11
51	Relation of long-term patterns in caregiving activity and depressive symptoms to telomere length in older women. <i>Psychoneuroendocrinology</i> , 2018, 89, 161-167.	1.3	11
52	Mendelian randomization analysis rules out dyslipidaemia as colorectal cancer cause. <i>Scientific Reports</i> , 2019, 9, 13407.	1.6	11
53	Estimating dietary intakes from a brief questionnaire: A simulation study of reliability in a molecular epidemiologic study of pancreatic and biliary diseases. <i>European Journal of Epidemiology</i> , 2006, 21, 417-426.	2.5	10
54	Adiponectin, Leptin, and Insulin-Pathway Receptors as Endometrial Cancer Subtyping Markers. <i>Hormones and Cancer</i> , 2018, 9, 33-39.	4.9	10

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55	CYP1B1 Polymorphisms and K-ras Mutations in Patients with Pancreatic Ductal Adenocarcinoma. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1417-1421.	1.1	9
56	Lifetime history of alcohol consumption and K-ras mutations in pancreatic ductal adenocarcinoma. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 421-430.	0.9	9
57	Past medical conditions and K-ras mutations in pancreatic ductal adenocarcinoma: a hypothesis-generating study. <i>Cancer Causes and Control</i> , 2009, 20, 591-599.	0.8	9
58	Alcohol consumption and the risk of incident pulmonary embolism in US women and men. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1753-1762.	1.9	8
59	Brain correlates of urban environmental exposures in cognitively unimpaired individuals at increased risk for Alzheimer's disease: A study on Barcelona's population. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12205.	1.2	7
60	Dietary Intake of Advanced Glycation End Products (AGEs) and Mortality among Individuals with Colorectal Cancer. <i>Nutrients</i> , 2021, 13, 4435.	1.7	7
61	Quantitative informant and self-reports of subjective cognitive decline predict amyloid beta PET outcomes in cognitively unimpaired individuals independently of age and APOE ϵ 4. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12127.	1.2	6
62	Effect of BDNF Val66Met on hippocampal subfields volumes and compensatory interaction with APOE- ϵ 4 in middle-age cognitively unimpaired individuals from the ALFA study. <i>Brain Structure and Function</i> , 2020, 225, 2331-2345.	1.2	5
63	Review of eating disorders and oxytocin receptor polymorphisms. <i>Journal of Eating Disorders</i> , 2021, 9, 85.	1.3	5
64	Endometrial Tumor Classification by Histomorphology and Biomarkers in the Nurses' Health Study. <i>Journal of Cancer Epidemiology</i> , 2021, 2021, 1-9.	0.5	4
65	Polyphenol Intake and Epithelial Ovarian Cancer Risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. <i>Antioxidants</i> , 2021, 10, 1249.	2.2	4
66	Gene-Environment Interactions and the Risk of Barrett's Esophagus in Three US Cohorts. <i>American Journal of Gastroenterology</i> , 2019, 114, 893-899.	0.2	3
67	Association of years to parent's sporadic onset and risk factors with neural integrity and Alzheimer biomarkers. <i>Neurology</i> , 2020, 95, e2065-e2074.	1.5	3
68	Air pollution and biomarkers of Alzheimer's disease in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e044802.	0.4	3
69	Are Circulating Immune Cells a Determinant of Pancreatic Cancer Risk? A Prospective Study Using Epigenetic Cell Count Measures. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 2179-2187.	1.1	3
70	Inflammatory potential of diet and pancreatic cancer risk in the EPIC study. <i>European Journal of Nutrition</i> , 2022, 61, 2313-2320.	1.8	3
71	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	2
72	Characterization of mitochondrial control region in Merlucciidae: sequence variation and molecular phylogeny. <i>Zootaxa</i> , 2015, 3972, 393-406.	0.2	1

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73	Amyloid β , tau, synaptic dysfunction, neurodegeneration, glial and vascular biomarkers in the preclinical stage of the Alzheimer's continuum. <i>Alzheimer's and Dementia</i> , 2020, 16, e044444.	0.4	0
74	Genetically predicted telomere length and Alzheimer's disease endophenotypes: A Mendelian randomization study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044720.	0.4	0
75	The effect of physical activity on CSF biomarkers of Alzheimer's disease differs between men and women. <i>Alzheimer's and Dementia</i> , 2020, 16, e044722.	0.4	0
76	Higher fronto-parietal metabolism parallels a greater impact of amyloid and anxiety on medial temporal areas in women versus men. <i>Alzheimer's and Dementia</i> , 2020, 16, e044780.	0.4	0
77	APOE ϵ 4 shapes temporoparietal network properties in middle-aged, cognitively unimpaired individuals: A graph theory analysis. <i>Alzheimer's and Dementia</i> , 2020, 16, e045092.	0.4	0
78	Weight loss predicts Alzheimer's disease biomarker positivity in cognitively unimpaired middle-aged adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e045137.	0.4	0
79	Proximity to parental age at onset exacerbates amyloid burden while mental conditions exacerbate neural loss during midlife. <i>Alzheimer's and Dementia</i> , 2020, 16, e045171.	0.4	0
80	Incidence of subjective cognitive decline is associated with amyloid β pathology, whereas stability relates to neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e045293.	0.4	0
81	Amyloid β -positive individuals with subjective cognitive decline present increased CSF neurofilament light levels that relate to hippocampal volume. <i>Alzheimer's and Dementia</i> , 2020, 16, e045715.	0.4	0
82	Abstract 1751: Coffee and tea intake and risk of endometrial cancer in the Epidemiology of Endometrial Cancer Consortium (E2C2). , 2016, , .		0
83	Abstract 804: Gene-environment interactions and the risk of Barrett's esophagus in three US cohorts. , 2016, , .		0
84	Abstract 1291: Mutation analysis of endometrial cancer in a population-based study by targeted next-generation sequencing. , 2017, , .		0
85	Association between telomere length and cognitive function among cognitively unimpaired individuals at risk of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0