

# Patrick Brest

## List of Publications by Year in descending order

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69  
papers

11,793  
citations

186265

28  
h-index

110387

64  
g-index

74  
all docs

74  
docs citations

74  
times ranked

24892  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 vaccination and cancer immunotherapy: should they stick together?. British Journal of Cancer, 2022, 126, 1-3.	6.4	15
2	Daily Practice Assessment of KRAS Status in NSCLC Patients: A New Challenge for the Thoracic Pathologist Is Right around the Corner. Cancers, 2022, 14, 1628.	3.7	9
3	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases. Autophagy, 2022, 18, 2519-2536.	9.1	11
4	Checkpoint inhibitors in a marriage: consented or arranged?. British Journal of Cancer, 2022, , .	6.4	1
5	Using Genetics To Dissect SARS-CoV-2 Infection. Trends in Genetics, 2021, 37, 203-204.	6.7	6
6	More light on cancer and COVID-19 reciprocal interaction. British Journal of Cancer, 2021, 124, 1344-1345.	6.4	5
7	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. ESMO Open, 2021, 6, 100024.	4.5	13
8	The Carcinogen Cadmium Activates Lysine 63 (K63)-Linked Ubiquitin-Dependent Signaling and Inhibits Selective Autophagy. Cancers, 2021, 13, 2490.	3.7	7
9	New technologies for improved relevance in miRNA research. Trends in Genetics, 2021, 37, 1060-1063.	6.7	7
10	PD-L1 regulation revisited: impact on immunotherapeutic strategies. Trends in Molecular Medicine, 2021, 27, 868-881.	6.7	30
11	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overclock 10 Tf 50,342 1,430	9.1	1,430
12	Germinal Immunogenetics predict treatment outcome for PD-1/PD-L1 checkpoint inhibitors. Investigational New Drugs, 2020, 38, 160-171.	2.6	30
13	Host Polymorphisms May Impact SARS-CoV-2 Infectivity. Trends in Genetics, 2020, 36, 813-815.	6.7	47
14	Profiling the Non-genetic Origins of Cancer Drug Resistance with a Single-Cell Functional Genomics Approach Using Predictive Cell Dynamics. Cell Systems, 2020, 11, 367-374.e5.	6.2	21
15	VEGF-Related Germinal Polymorphisms May Identify a Subgroup of Breast Cancer Patients with Favorable Outcome under Bevacizumab-Based Therapyâ€”A Message from COMET, a French Unicancer Multicentric Study. Pharmaceuticals, 2020, 13, 414.	3.8	6
16	A multifactorial score including autophagy for prognosis and care of COVID-19 patients. Autophagy, 2020, 16, 2276-2281.	9.1	11
17	Possible consequences of the COVID-19 pandemic on the use of biospecimens from cancer biobanks for research in academia and bioindustry. Nature Medicine, 2020, 26, 809-810.	30.7	22
18	Open questions for harnessing autophagy-modulating drugs in the SARS-CoV-2 war: hope or hype?. Autophagy, 2020, 16, 2267-2270.	9.1	18

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19	Comparison of unsupervised machine-learning methods to identify metabolomic signatures in patients with localized breast cancer. Computational and Structural Biotechnology Journal, 2020, 18, 1509-1524.	4.1	21
20	Hyperprogression under Immune Checkpoint Inhibitor: a potential role for germinal immunogenetics. Scientific Reports, 2020, 10, 3565.	3.3	29
21	Abstract 4291: VEGFA and VEGFR2 SNPs identify a subgroup of breast cancer patients with favorable outcome under Bevacizumab-based therapy - A message from COMET, a French Unicancer multicentric study. , 2020, , .		0
22	Germinal immunogenetics as a predictive factor for immunotherapy. Critical Reviews in Oncology/Hematology, 2019, 141, 146-152.	4.4	5
23	GC content shapes mRNA storage and decay in human cells. ELife, 2019, 8, .	6.0	121
24	Abstract 1370: Germinal immunogenetics predicts treatment outcome for PD1 PD-L1 checkpoint inhibitors. , 2019, , .		1
25	Effect of mutant variants of the KRAS gene on PD-L1 expression and on the immune microenvironment and association with clinical outcome in lung adenocarcinoma patients. Lung Cancer, 2018, 121, 70-75.	2.0	51
26	Autophagy-Driven Cancer Drug Development. , 2018, , 255-275.		2
27	Rapid decay of engulfed extracellular miRNA by XRN1 exonuclease promotes transient epithelial-mesenchymal transition. Nucleic Acids Research, 2017, 45, gkw1284.	14.5	39
28	Characterizing isomiR variants within the microRNA-34/449 family. FEBS Letters, 2017, 591, 693-705.	2.8	48
29	MiR-223-3p inhibits angiogenesis and promotes resistance to cetuximab in head and neck squamous cell carcinoma. Oncotarget, 2017, 8, 57174-57186.	1.8	28
30	Abstract 867: Circulating lung tumor cells capture extracellular vesicles conferring resistance phenotype by the occurrence of epithelial-mesenchymal transition reprogramming. , 2017, , .		0
31	High expression of TRF2, SOX10, and CD10 in circulating tumor microemboli detected in metastatic melanoma patients. A potential impact for the assessment of disease aggressiveness. Cancer Medicine, 2016, 5, 1022-1030.	2.8	40
32	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
33	MicroRNA-375/SEC23A as biomarkers of the in vitro efficacy of vandetanib. Oncotarget, 2016, 7, 30461-30478.	1.8	44
34	Abstract 4025: Impact of Kras mutant subtypes on PD-L1 expression in lung adenocarcinoma. , 2016, , .		0
35	Abstract 3230: The role of TRF2 on tumor progression in non-small cell lung cancer: potential modulating effect on myeloid cells. , 2016, , .		0
36	KRAS Mutations in Lung Adenocarcinoma: Molecular and Epidemiological Characteristics, Methods for Detection, and Therapeutic Strategy Perspectives. Current Molecular Medicine, 2015, 15, 418-432.	1.3	40

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37	Autophagy : Moving Benchside Promises to Patient Bedsides. <i>Current Cancer Drug Targets</i> , 2015, 15, 684-702.	1.6	14
38	Autophagy and SQSTM1 on the RHOA(d) again. <i>Autophagy</i> , 2014, 10, 201-208.	9.1	32
39	HIF1A regulates xenophagic degradation of adherent and invasive <i>Escherichia coli</i> (AIEC). <i>Autophagy</i> , 2014, 10, 2333-2345.	9.1	32
40	In papillary thyroid carcinoma, TIMP-1 expression correlates with BRAF V600E mutation status and together with hypoxia-related proteins predicts aggressive behavior. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013, 463, 437-444.	2.8	20
41	Autophagy Plays a Critical Role in the Degradation of Active RHOA, the Control of Cell Cytokinesis, and Genomic Stability. <i>Cancer Research</i> , 2013, 73, 4311-4322.	0.9	88
42	Response of CAIX and CAXII to in vitro re-oxygenation and clinical significance of the combined expression in NSCLC patients. <i>Lung Cancer</i> , 2013, 82, 16-23.	2.0	20
43	Two Panels of Plasma MicroRNAs as Non-Invasive Biomarkers for Prediction of Recurrence in Resectable NSCLC. <i>PLoS ONE</i> , 2013, 8, e54596.	2.5	146
44	Etiology of Crohn's disease: many roads lead to autophagy. <i>Journal of Molecular Medicine</i> , 2012, 90, 987-996.	3.9	28
45	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
46	Subversion of Autophagy in Adherent Invasive <i>Escherichia coli</i> -Infected Neutrophils Induces Inflammation and Cell Death. <i>PLoS ONE</i> , 2012, 7, e51727.	2.5	58
47	A synonymous variant in IRGM alters a binding site for miR-196 and causes deregulation of IRGM-dependent xenophagy in Crohn's disease. <i>Nature Genetics</i> , 2011, 43, 242-245.	21.4	523
48	MiR-129-5p is required for histone deacetylase inhibitor-induced cell death in thyroid cancer cells. <i>Endocrine-Related Cancer</i> , 2011, 18, 711-719.	3.1	77
49	Can the microRNA signature distinguish between thyroid tumors of uncertain malignant potential and other well-differentiated tumors of the thyroid gland?. <i>Endocrine-Related Cancer</i> , 2011, 18, 579-594.	3.1	31
50	Risk predisposition for Crohn disease: A combination combining IRGM allele, miRNA and xenophagy. <i>Autophagy</i> , 2011, 7, 786-787.	9.1	18
51	Amplification loop of the inflammatory process is induced by P2X <sub>7</sub> activation in intestinal epithelial cells in response to neutrophil transepithelial migration. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G32-G42.	3.4	57
52	Autophagy and Crohns Disease: At the Crossroads of Infection, Inflammation, Immunity, and Cancer. <i>Current Molecular Medicine</i> , 2010, 10, 486-502.	1.3	66
53	Differential expression and regulation of ADAM17 and TIMP3 in acute inflamed intestinal epithelia. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1332-G1343.	3.4	54
54	Assessment of Morphology, Antigenicity, and Nucleic Acid Integrity for Diagnostic Thyroid Pathology Using Formalin Substitute Fixatives. <i>Thyroid</i> , 2009, 19, 1239-1248.	4.5	45

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55	HAMLET (human $\alpha$ -lactalbumin made lethal to tumor cells) triggers autophagic tumor cell death. <i>International Journal of Cancer</i> , 2009, 124, 1008-1019.	5.1	66
56	Thyroid tumours of uncertain malignant potential: frequency and diagnostic reproducibility. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009, 455, 21-33.	2.8	46
57	Apoptosis and Tumor Cell Death in Response to HAMLET (Human $\alpha$ -Lactalbumin Made Lethal to Tumor) Tj ETQq1 1 0.784314 <sub>33</sub> rgBT /O		
58	Histone Deacetylase Inhibitors Promote the Tumoricidal Effect of HAMLET. <i>Cancer Research</i> , 2007, 67, 11327-11334.	0.9	20
59	Inhibition of apoptosis induced by heat shock preconditioning is associated with decreased phagocytosis in human polymorphonuclear leukocytes through inhibition of Rac and Cdc42. <i>Immunology and Cell Biology</i> , 2007, 85, 257-264.	2.3	6
60	Gene expression profiling in human gastric mucosa infected with <i>Helicobacter pylori</i> . <i>Modern Pathology</i> , 2007, 20, 974-989.	5.5	63
61	Human Polymorphonuclear Leukocytes are Sensitive In Vitro to <i>Helicobacter pylori</i> VacA Toxin. <i>Helicobacter</i> , 2006, 11, 544-555.	3.5	9
62	<i>Escherichia coli</i> Cytotoxic Necrotizing Factor 1 Inhibits Intestinal Epithelial Wound Healing In Vitro after Mechanical Injury. <i>Infection and Immunity</i> , 2004, 72, 5733-5740.	2.2	11
63	Increased Rate of Apoptosis and Diminished Phagocytic Ability of Human Neutrophils Infected with Afa/Dr Diffusely Adhering <i>Escherichia coli</i> Strains. <i>Infection and Immunity</i> , 2004, 72, 5741-5749.	2.2	27
64	Pathogenesis of <i>Helicobacter pylori</i> Infection. <i>Helicobacter</i> , 2004, 9, 15-22.	3.5	26
65	Rho GTPase Is Activated by Cytotoxic Necrotizing Factor 1 in Peripheral Blood T Lymphocytes: Potential Cytotoxicity for Intestinal Epithelial Cells. <i>Infection and Immunity</i> , 2003, 71, 1161-1169.	2.2	6
66	Afa/Dr Diffusely Adhering <i>Escherichia coli</i> Infection in T84 Cell Monolayers Induces Increased Neutrophil Transepithelial Migration, Which in Turn Promotes Cytokine-Dependent Upregulation of Decay-Accelerating Factor (CD55), the Receptor for Afa/Dr Adhesins. <i>Infection and Immunity</i> , 2003, 71, 1774-1783.	2.2	58
67	The Afa/Dr Adhesins of Diffusely Adhering <i>Escherichia coli</i> Stimulate Interleukin-8 Secretion, Activate Mitogen-Activated Protein Kinases, and Promote Polymorphonuclear Transepithelial Migration in T84 Polarized Epithelial Cells. <i>Infection and Immunity</i> , 2003, 71, 1068-1074.	2.2	66
68	<i>Helicobacter pylori</i> Lipopolysaccharide Hinders Polymorphonuclear Leucocyte Apoptosis. <i>Laboratory Investigation</i> , 2001, 81, 375-384.	3.7	14
69	Effect of <i>Helicobacter pylori</i> on Polymorphonuclear Leukocyte Migration across Polarized T84 Epithelial Cell Monolayers: Role of Vacuolating Toxin VacA and <i>cagA</i> Pathogenicity Island. <i>Infection and Immunity</i> , 2000, 68, 5225-5233.	2.2	28