

# Arnoud Boot

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	2,199 citations	16 h-index	44 g-index
44 ext. papers	3,415 ext. citations	9.9 avg, IF	4.47 L-index

#	Paper	IF	Citations
38	The repertoire of mutational signatures in human cancer. <i>Nature</i> , <b>2020</b> , 578, 94-101	50.4	849
37	Whole-Genome and Epigenomic Landscapes of Etiologically Distinct Subtypes of Cholangiocarcinoma. <i>Cancer Discovery</i> , <b>2017</b> , 7, 1116-1135	24.4	368
36	Aristolochic acids and their derivatives are widely implicated in liver cancers in Taiwan and throughout Asia. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	184
35	Somatic POLE proofreading domain mutation, immune response, and prognosis in colorectal cancer: a retrospective, pooled biomarker study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2016</b> , 1, 207-216	18.8	160
34	Genomic and Transcriptomic Profiling of Combined Hepatocellular and Intrahepatic Cholangiocarcinoma Reveals Distinct Molecular Subtypes. <i>Cancer Cell</i> , <b>2019</b> , 35, 932-947.e8	24.3	89
33	In-depth characterization of the cisplatin mutational signature in human cell lines and in esophageal and liver tumors. <i>Genome Research</i> , <b>2018</b> , 28, 654-665	9.7	79
32	The Repertoire of Mutational Signatures in Human Cancer		67
31	Genome-scale mutational signatures of aflatoxin in cells, mice, and human tumors. <i>Genome Research</i> , <b>2017</b> , 27, 1475-1486	9.7	64
30	Associations of polymorphisms of eight muscle- or metabolism-related genes with performance in Mount Olympus marathon runners. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 567-74	3.7	41
29	BRAF mutation-specific promoter methylation of FOX genes in colorectal cancer. <i>Clinical Epigenetics</i> , <b>2013</b> , 5, 2	7.7	27
28	Tumor LINE-1 Methylation Level in Association with Survival of Patients with Stage II Colon Cancer. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 18,	6.3	24
27	Sex differences in oncogenic mutational processes. <i>Nature Communications</i> , <b>2020</b> , 11, 4330	17.4	23
26	Multiomic analysis and immunoprofiling reveal distinct subtypes of human angiosarcoma. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 5833-5846	15.9	22
25	Imprinted survival genes preclude loss of heterozygosity of chromosome 7 in cancer cells. <i>Journal of Pathology</i> , <b>2016</b> , 240, 72-83	9.4	22
24	Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer. <i>Scientific Reports</i> , <b>2015</b> , 5, 16286	4.9	21
23	HLA-G protein expression in colorectal cancer evaluated by immunohistochemistry and western blot analysis: Its expression characteristics remain enigmatic. <i>Clinical Immunology</i> , <b>2018</b> , 194, 80-86	9	20
22	Synergistic effects of the sesquiterpene lactone, EPD, with cisplatin and paclitaxel in ovarian cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2015</b> , 34, 38	12.8	16

21	Characterization of colibactin-associated mutational signature in an Asian oral squamous cell carcinoma and in other mucosal tumor types. <i>Genome Research</i> , <b>2020</b> , 30, 803-813	9.7	13
20	The mutational landscape of early- and typical-onset oral tongue squamous cell carcinoma. <i>Cancer</i> , <b>2021</b> , 127, 544-553	6.4	13
19	ROS-induced near-homozygous genomes in thyroid cancer. <i>Endocrine-Related Cancer</i> , <b>2018</b> , 25, 83-97	5.7	13
18	Monoallelic NTHL1 Loss-of-Function Variants and Risk of Polyposis and Colorectal Cancer. <i>Gastroenterology</i> , <b>2020</b> , 159, 2241-2243.e6	13.3	10
17	Recurrent APC Splice Variant c.835-8A>G in Patients With Unexplained Colorectal Polyposis Fulfilling the Colibactin Mutational Signature. <i>Gastroenterology</i> , <b>2020</b> , 159, 1612-1614.e5	13.3	9
16	Evidence for genetic association between chromosome 1q loci and predisposition to colorectal neoplasia. <i>British Journal of Cancer</i> , <b>2017</b> , 117, 1215-1223	8.7	8
15	Characterization of novel low passage primary and metastatic colorectal cancer cell lines. <i>Oncotarget</i> , <b>2016</b> , 7, 14499-509	3.3	8
14	A tumor-associated splice-isoform of drives dedifferentiation in MBNL1-low cancers via JNK activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 16391-16400	11.5	7
13	Promoter methylation and mRNA expression of HLA-G in relation to HLA-G protein expression in colorectal cancer. <i>Human Immunology</i> , <b>2016</b> , 77, 764-72	2.3	7
12	Recurrent mutations in topoisomerase III cause a previously undescribed mutator phenotype in human cancers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	7
11	The homeobox gene MEIS1 is methylated in BRAF (p.V600E) mutated colon tumors. <i>PLoS ONE</i> , <b>2013</b> , 8, e79898	3.7	6
10	Identification of novel mutational signatures in Asian oral squamous cell carcinomas associated with bacterial infections		5
9	Methylation associated transcriptional repression of ELOVL5 in novel colorectal cancer cell lines. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184900	3.7	4
8	Accuracy of mutational signature software on correlated signatures.. <i>Scientific Reports</i> , <b>2022</b> , 12, 390	4.9	2
7	Multiple neoplasia in a patient with Gitelman syndrome harboring germline monoallelic mutation. <i>Npj Genomic Medicine</i> , <b>2020</b> , 5, 39	6.2	2
6	Highly recurrent CBS epimutations in gastric cancer CpG island methylator phenotypes and inflammation. <i>Genome Biology</i> , <b>2021</b> , 22, 167	18.3	2
5	Whole exome sequencing identifies clinically relevant mutational signatures in resected hepatocellular carcinoma. <i>Liver Cancer International</i> , <b>2020</b> , 1, 25-35	0.8	1
4	Mutational processes in cancer preferentially affect binding of particular transcription factors. <i>Scientific Reports</i> , <b>2021</b> , 11, 3339	4.9	1

3	Chemosensitivity of BRCA1-Mutated Ovarian Cancer Cells and Established Cytotoxic Agents. <i>International Journal of Gynecological Cancer</i> , <b>2017</b> , 27, 1571-1578	3.5	o
2	Allelic Switching of , , and during Colorectal Cancer Tumorigenesis. <i>International Journal of Genomics</i> , <b>2019</b> , 2019, 1287671	2.5	o
1	Mutational analysis of driver genes defines the colorectal adenoma: in situ carcinoma transition.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2570	4.9	o