Hiroyuki Yamamoto

List of Publications by Year
in descending order

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41 papers	5,170 citations	201674 27 h-index	276875 41 g-index
41 all docs	41 docs citations	41 times ranked	6376 citing authors

#	Article	IF	Citations
1	Somatic Frameshift Mutations in the BAX Gene in Colon Cancers of the Microsatellite Mutator Phenotype. Science, 1997, 275, 967-969.	12.6	1,265
2	Carcinogenesis and microsatellite instability: the interrelationship between genetics and epigenetics. Carcinogenesis, 2008, 29, 673-680.	2.8	371
3	A TARBP2 mutation in human cancer impairs microRNA processing and DICER1 function. Nature Genetics, 2009, 41, 365-370.	21.4	355
4	A Genetic Defect in Exportin-5 Traps Precursor MicroRNAs in the Nucleus of Cancer Cells. Cancer Cell, 2010, 18, 303-315.	16.8	299
5	Frameshift mutator mutations. Nature, 1996, 382, 499-500.	27.8	293
6	Association ofFusobacterium nucleatumwith immunity and molecular alterations in colorectal cancer. World Journal of Gastroenterology, 2016, 22, 557.	3.3	278
7	A truncating mutation of HDAC2 in human cancers confers resistance to histone deacetylase inhibition. Nature Genetics, 2006, 38, 566-569.	21.4	254
8	Association ofFusobacterium nucleatumwith clinical and molecular features in colorectal serrated pathway. International Journal of Cancer, 2015, 137, 1258-1268.	5.1	249
9	Methylation-associated silencing of microRNA-34b/c in gastric cancer and its involvement in an epigenetic field defect. Carcinogenesis, 2010, 31, 2066-2073.	2.8	188
10	Microsatellite instability: an update. Archives of Toxicology, 2015, 89, 899-921.	4.2	182
11	BRAF-V600E is not involved in the colorectal tumorigenesis of HNPCC in patients with functional MLH1 and MSH2 genes. Oncogene, 2005, 24, 3995-3998.	5.9	155
12	BRAF mutations characterize colon but not gastric cancer with mismatch repair deficiency. Oncogene, 2003, 22, 9192-9196.	5.9	132
13	Distinct patterns of KRAS mutations in colorectal carcinomas according to germline mismatch repair defects and hMLH1 methylation status. Human Molecular Genetics, 2004, 13, 2303-2311.	2.9	127
14	Association of microRNA-31 with BRAF mutation, colorectal cancer survival and serrated pathway. Carcinogenesis, 2014, 35, 776-783.	2.8	94
15	ActivatedBRAFtargets proximal colon tumors with mismatch repair deficiency andMLH1inactivation. Genes Chromosomes and Cancer, 2004, 39, 138-142.	2.8	87
16	BARHL2 Methylation Using Gastric Wash DNA or Gastric Juice Exosomal DNA is a Useful Marker For Early Detection of Gastric Cancer in an H. pylori -Independent Manner. Clinical and Translational Gastroenterology, 2016, 7, e184.	2.5	73
17	An updated review of gastric cancer in the next-generation sequencing era: Insights from bench to bedside andvice versa. World Journal of Gastroenterology, 2014, 20, 3927.	3.3	72
18	Alterations in the human epidermal growth factor receptor 2-phosphatidylinositol 3-kinase-v-Akt pathway in gastric cancer. World Journal of Gastroenterology, 2012, 18, 6577.	3.3	70

#	Article	IF	Citations
19	Interrelationship between microsatellite instability and microRNA in gastrointestinal cancer. World Journal of Gastroenterology, 2012, 18, 2745.	3.3	69
20	Late onset and high incidence of colon cancer of the mutator phenotype with hypermethylated hMLH1 gene in women. Gastroenterology, 2000, 119, 598.	1.3	63
21	Role of DNA Methylation in the Development of Diffuse-Type Gastric Cancer. Digestion, 2011, 83, 241-249.	2.3	60
22	An updated review of microsatellite instability in the era of next-generation sequencing and precision medicine. Seminars in Oncology, 2019, 46, 261-270.	2.2	52
23	Gastrointestinal cancer of the microsatellite mutator phenotype pathway. Journal of Gastroenterology, 2002, 37, 153-163.	5.1	51
24	Aberrant methylation of microRNA-34b/c is a predictive marker of metachronous gastric cancer risk. Journal of Gastroenterology, 2014, 49, 1135-1144.	5.1	45
25	MicroRNAâ€31 expression in relation to BRAF mutation, CpG island methylation and colorectal continuum in serrated lesions. International Journal of Cancer, 2014, 135, 2507-2515.	5.1	45
26	WRN promoter methylation possibly connects mucinous differentiation, microsatellite instability and CpG island methylator phenotype in colorectal cancer. Modern Pathology, 2008, 21, 150-158.	5.5	39
27	Treatment and prevention of gastrointestinal bleeding in patients receiving antiplatelet therapy. World Journal of Critical Care Medicine, 2015, 4, 40.	1.8	30
28	DNA methylation at hepatitis B viral integrants is associated with methylation at flanking human genomic sequences. Genome Research, 2015, 25, 328-337.	5.5	29
29	Non-Invasive Early Molecular Detection of Gastric Cancers. Cancers, 2020, 12, 2880.	3.7	23
30	Microsatellite instability in cancer: a novel landscape for diagnostic and therapeutic approach. Archives of Toxicology, 2020, 94, 3349-3357.	4.2	22
31	Brush border myosin Ia inactivation in gastric but not endometrial tumors. International Journal of Cancer, 2013, 132, 1790-1799.	5.1	21
32	Somatic mutation of the Î²2-microglobulin gene associates with unfavorable prognosis in gastrointestinal cancer of the microsatellite mutator phenotype. Gastroenterology, 2001, 120, 1565-1567.	1.3	19
33	IGF2differentially methylated region hypomethylation in relation to pathological and molecular features of serrated lesions. World Journal of Gastroenterology, 2014, 20, 10050.	3.3	14
34	Fusobacterium nucleatum detected simultaneously in a pyogenic liver abscess and advanced sigmoid colon cancer. Anaerobe, 2017, 48, 144-146.	2.1	9
35	Analysis of Helicobacter pylori genotypes in clinical gastric wash samples. Tumor Biology, 2016, 37, 10123-10132.	1.8	8
36	Successful endoscopic fragmentation of large hardened fecaloma using jumbo forceps. World Journal of Gastrointestinal Endoscopy, 2017, 9, 91.	1.2	8

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37	Cancerâ€related genetic variants of Helicobacter pylori strains determined using gastric washâ€based wholeâ€genome analysis with singleâ€molecule realâ€time technology. International Journal of Cancer, 2021, 148, 178-192.	5.1	7
38	GNAS-mutated carcinoma arising from gastric foveolar metaplasia in the duodenum after 9Âyears of observation. Clinical Journal of Gastroenterology, 2018, 11, 391-395.	0.8	5
39	Enrichment of Helicobacter pylori mutant strains after eradication therapy analyzed by gastric washâ€“based quantitative pyrosequencing. Tumor Biology, 2017, 39, 101042831773486.	1.8	4
40	Combination of artificial intelligenceâ€based endoscopy and miR148a methylation for gastric indefinite dysplasia diagnosis. Journal of Clinical Laboratory Analysis, 2022, 36, e24122.	2.1	2
41	Mouthwash-Based Highly Sensitive Pyro-Genotyping for Nine Sexually Transmitted Human Papilloma Virus Genotypes. International Journal of Molecular Sciences, 2020, 21, 3697.	4.1	1