Sylviane Olschwang

List of Publications by Citations

116 papers	12,199 citations	44 h-index	110 g-index
134 ext. papers	13,393 ext. citations	8.7 avg, IF	4.86 L-index

#	Paper	IF	Citations
116	A serine/threonine kinase gene defective in Peutz-Jeghers syndrome. *Nature*, **1998**, 391, 184-7	50.4	1284
115	Gene expression classification of colon cancer into molecular subtypes: characterization, validation, and prognostic value. *PLoS Medicine*, **2013**, 10, e1001453	11.6	794
114	Long-term effect of aspirin on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. *Lancet, The*, **2011**, 378, 2081-7	40	715
113	Kirsten ras mutations in patients with colorectal cancer: the RASCAL II study. *British Journal of Cancer*, **2001**, 85, 692-6	8.7	701
112	Cancer risks associated with germline mutations in MLH1, MSH2, and MSH6 genes in Lynch syndrome. *JAMA - Journal of the American Medical Association*, **2011**, 305, 2304-10	27.4	692
111	Frequency and spectrum of cancers in the Peutz-Jeghers syndrome. *Clinical Cancer Research*, **2006**, 12, 3209-15	12.9	627
110	Genome-wide association scan identifies a colorectal cancer susceptibility locus on chromosome 8q24. *Nature Genetics*, **2007**, 39, 989-94	36.3	609
109	Alleles of the APC gene: an attenuated form of familial polyposis. *Cell*, **1993**, 75, 951-7	56.2	545
108	Mutations of polycomb-associated gene ASXL1 in myelodysplastic syndromes and chronic myelomonocytic leukaemia. *British Journal of Haematology*, **2009**, 145, 788-800	4.5	460
107	Chromosomes in Ewing's sarcoma. I. An evaluation of 85 cases of remarkable consistency of t(11;22)(q24;q12). *Cancer Genetics and Cytogenetics*, **1988**, 32, 229-38		447
106	Germline mutations in the Von Hippel-Lindau disease (VHL) gene in families from North America, Europe, and Japan. *Human Mutation*, **1996**, 8, 348-57	4.7	358
105	Founder and recurrent CDH1 mutations in families with hereditary diffuse gastric cancer. *JAMA - Journal of the American Medical Association*, **2007**, 297, 2360-72	27.4	324
104	Association of p53 mutations with short survival in colorectal cancer. *Gastroenterology*, **1994**, 106, 42-8	13.3	323
103	Restriction of ocular fundus lesions to a specific subgroup of APC mutations in adenomatous polyposis coli patients. *Cell*, **1993**, 75, 959-68	56.2	269
102	Effect of aspirin or resistant starch on colorectal neoplasia in the Lynch syndrome. *New England Journal of Medicine*, **2008**, 359, 2567-78	59.2	228
101	Alternative genetic pathways in colorectal carcinogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 12122-7	11.5	194
100	Relative frequency and morphology of cancers in STK11 mutation carriers. *Gastroenterology*, **2004**, 126, 1788-94	13.3	193

99	Survival and acquired genetic alterations in colorectal cancer. *Gastroenterology*, **1992**, 102, 1136-1141	13.3	161
98	Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. *American Journal of Human Genetics*, **2016**, 98, 830-842	11	153
97	PTEN germ-line mutations in juvenile polyposis coli. *Nature Genetics*, **1998**, 18, 12-4	36.3	132
96	Combined mutations of ASXL1, CBL, FLT3, IDH1, IDH2, JAK2, KRAS, NPM1, NRAS, RUNX1, TET2 and WT1 genes in myelodysplastic syndromes and acute myeloid leukemias. *BMC Cancer*, **2010**, 10, 401	4.8	125
95	A large fraction of unclassified variants of the mismatch repair genes MLH1 and MSH2 is associated with splicing defects. *Human Mutation*, **2008**, 29, 1412-24	4.7	123
94	Functional analysis of Peutz-Jeghers mutations reveals that the LKB1 C-terminal region exerts a crucial role in regulating both the AMPK pathway and the cell polarity. *Human Molecular Genetics*, **2005**, 14, 1283-92	5.6	119
93	Familial adenomatous polyposis: prevalence of adenomas in the ileal pouch after restorative proctocolectomy. *Annals of Surgery*, **2001**, 233, 360-4	7.8	117
92	Genome profiling of chronic myelomonocytic leukemia: frequent alterations of RAS and RUNX1 genes. *BMC Cancer*, **2008**, 8, 299	4.8	102
91	Identification in daily practice of patients with Lynch syndrome (hereditary nonpolyposis colorectal cancer): revised Bethesda guidelines-based approach versus molecular screening. *American Journal of Gastroenterology*, **2008**, 103, 2825-35; quiz 2836	0.7	101
90	Tissue microarray technology: validation in colorectal carcinoma and analysis of p53, hMLH1, and hMSH2 immunohistochemical expression. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2003**, 443, 115-21	5.1	98
89	MSH2 in contrast to MLH1 and MSH6 is frequently inactivated by exonic and promoter rearrangements in hereditary nonpolyposis colorectal cancer. *Cancer Research*, **2002**, 62, 848-53	10.1	78
88	Peutz-Jeghers families unlinked to STK11/LKB1 gene mutations are highly predisposed to primitive biliary adenocarcinoma. *Journal of Medical Genetics*, **2001**, 38, 356-60	5.8	75
87	Microsatellite instability in colorectal carcinoma. The comparison of immunohistochemistry and molecular biology suggests a role for hMSH6 [correction of hMLH6] immunostaining. *Archives of Pathology and Laboratory Medicine*, **2003**, 127, 694-700	5	73
86	Obesity, Aspirin, and Risk of Colorectal Cancer in Carriers of Hereditary Colorectal Cancer: A Prospective Investigation in the CAPP2 Study. *Journal of Clinical Oncology*, **2015**, 33, 3591-7	2.2	71
85	Germline mutation profile of the VHL gene in von Hippel-Lindau disease and in sporadic hemangioblastoma. *Human Mutation*, **1998**, 12, 424-30	4.7	71
84	Long-term effect of resistant starch on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. *Lancet Oncology, The*, **2012**, 13, 1242-9	21.7	70
83	Colonoscopic screening of first-degree relatives of patients with large adenomas: increased risk of colorectal tumors. *Gastroenterology*, **2007**, 133, 1086-92	13.3	70
82	Genotype-phenotype correlation in von Hippel-Lindau families with renal lesions. *Human Mutation*, **2004**, 24, 215-24	4.7	69

81	Is the multiple endocrine neoplasia type 1 gene a suppressor for fundic argyrophil tumors in the Zollinger-Ellison syndrome?. *Gastroenterology*, **1993**, 105, 579-82	13.3	69
80	Genetic alterations in thyroid carcinoma associated with familial adenomatous polyposis: clinical implications and suggestions for early detection. *World Journal of Surgery*, **1998**, 22, 1231-6	3.3	67
79	The Balance Between Cytotoxic T-cell Lymphocytes and Immune Checkpoint Expression in the Prognosis of Colon Tumors. *Journal of the National Cancer Institute*, **2018**, 110,	9.7	64
78	SMARCB1/INI1 germline mutations contribute to 10% of sporadic schwannomatosis. *BMC Neurology*, **2011**, 11, 9	3.1	61
77	Leiden Open Variation Database of the MUTYH gene. *Human Mutation*, **2010**, 31, 1205-15	4.7	61
76	A polymorphism of EGFR extracellular domain is associated with progression free-survival in metastatic colorectal cancer patients receiving cetuximab-based treatment. *BMC Cancer*, **2008**, 8, 169	4.8	60
75	Association of Ki-ras mutation with differentiation and tumor-formation pathways in colorectal carcinoma. *International Journal of Cancer*, **1991**, 49, 220-3	7.5	57
74	Quantitative PCR high-resolution melting (qPCR-HRM) curve analysis, a new approach to simultaneously screen point mutations and large rearrangements: application to MLH1 germline mutations in Lynch syndrome. *Human Mutation*, **2009**, 30, 867-75	4.7	55
73	Genetic polymorphisms of MMP1, MMP3 and MMP7 gene promoter and risk of colorectal adenoma. *BMC Cancer*, **2006**, 6, 270	4.8	45
72	Cross-validation study for epidermal growth factor receptor and KRAS mutation detection in 74 blinded non-small cell lung carcinoma samples: a total of 5550 exons sequenced by 15 molecular French laboratories (evaluation of the EGFR mutation status for the administration of EGFR-TKIs in non-small cell lung carcinoma [ERMETIC] project--part 1). *Journal of Thoracic Oncology*, **2011**, 6, 1006-15	8.9	43
71	A seven-gene signature aggregates a subgroup of stage II colon cancers with stage III. *OMICS A Journal of Integrative Biology*, **2012**, 16, 560-5	3.8	41
70	Fine deletion mapping of chromosome 8p in non-small-cell lung carcinoma. *International Journal of Cancer*, **1999**, 81, 854-8	7.5	38
69	Cytogenetic and molecular approaches of polyploidization in colorectal adenocarcinomas. *Cancer Genetics and Cytogenetics*, **1990**, 44, 107-18		38
68	Vessels morphology in SMAD4 and BMPR1A-related juvenile polyposis. *American Journal of Medical Genetics, Part A*, **2005**, 138A, 113-7	2.5	32
67	Similar colorectal cancer risk in patients with monoallelic and biallelic mutations in the MYH gene identified in a population with adenomatous polyposis. *Genetic Testing and Molecular Biomarkers*, **2007**, 11, 315-20		31
66	The 5' region of the MSH2 gene involved in hereditary non-polyposis colorectal cancer contains a high density of recombinogenic sequences. *Human Mutation*, **2005**, 26, 255-61	4.7	31
65	Germline APC mutation spectrum derived from 863 genomic variations identified through a 15-year medical genetics service to French patients with FAP. *Journal of Medical Genetics*, **2010**, 47, 721-2	5.8	30
64	Somatically acquired genetic alterations in flat colorectal neoplasias. *International Journal of Cancer* , **1998**, 77, 366-9	7.5	30

63	Multicenter study of ZAP-70 expression in patients with B-cell chronic lymphocytic leukemia using an optimized flow cytometry method. *Haematologica*, **2008**, 93, 215-23	6.6	30
62	A multicenter blinded study evaluating EGFR and KRAS mutation testing methods in the clinical non-small cell lung cancer setting--IFCT/ERMETIC2 Project Part 1: Comparison of testing methods in 20 French molecular genetic National Cancer Institute platforms. *Journal of Molecular Diagnostics* , **2014**, 16, 45-55	5.1	27
61	8q24 Cancer risk allele associated with major metastatic risk in inflammatory breast cancer. *PLoS ONE*, **2012**, 7, e37943	3.7	27
60	The LKB1 complex-AMPK pathway: the tree that hides the forest. *Familial Cancer*, **2011**, 10, 415-24	3	25
59	Rearrangements involving 12q in myeloproliferative disorders: possible role of HMGA2 and SOCS2 genes. *Cancer Genetics and Cytogenetics*, **2007**, 176, 80-8		25
58	Association between mutations in the CARD15 (NOD2) gene and Crohn© disease in Israeli Jewish patients. *American Journal of Medical Genetics Part A*, **2003**, 121A, 240-4		25
57	Deletion mapping of the tumor suppressor locus involved in colorectal cancer on chromosome band 8p21. *Genes Chromosomes and Cancer*, **1999**, 25, 147-53	5	23
56	Predominance of normal karyotype in colorectal tumors from hereditary non-polyposis colorectal cancer patients. *Genes Chromosomes and Cancer*, **1995**, 14, 223-6	5	23
55	Usefulness of prophylactic gastrectomy in a novel large hereditary diffuse gastric cancer (HDGC) family. *American Journal of Gastroenterology*, **2008**, 103, 2160-1	0.7	22
54	Molecular combing reveals complex 4q35 rearrangements in Facioscapulohumeral dystrophy. *Human Mutation*, **2017**, 38, 1432-1441	4.7	22
53	Hysteroscopic findings in women at risk of HNPCC. Results of a prospective observational study. *Familial Cancer*, **2007**, 6, 295-9	3	21
52	Preservation of chromosome and DNA characteristics of human colorectal adenocarcinomas after passage in nude mice. *International Journal of Cancer*, **1989**, 44, 871-8	7.5	21
51	PIK3CA mutations predict recurrence in localized microsatellite stable colon cancer. *Cancer Medicine*, **2015**, 4, 371-82	4.8	20
50	Vascular Endothelial Growth Factor A c.*237C>T polymorphism is associated with bevacizumab efficacy and related hypertension in metastatic colorectal cancer. *Digestive and Liver Disease*, **2015**, 47, 331-7	3.3	20
49	Analysis of the allele-specific expression of the mismatch repair gene MLH1 using a simple DHPLC-Based Method. *Human Mutation*, **2004**, 23, 379-84	4.7	20
48	RFLP identified by the anonymous DNA segment OL VII E10 at 18q21.3 (HGM no. D18S8). *Nucleic Acids Research*, **1987**, 15, 1348	20.1	19
47	Molecular patterns in deficient mismatch repair colorectal tumours: results from a French prospective multicentric biological and genetic study. *British Journal of Cancer*, **2014**, 110, 2728-37	8.7	18
46	High frequency of chromosome 14 deletion in early-onset colon cancer. *Diseases of the Colon and Rectum*, **2007**, 50, 1881-6	3.1	18

45	Germline mutations in the Von Hippel-Lindau disease (VHL) gene in families from North America, Europe, and Japan **1996**, 8, 348		17
44	Mitochondrial D310 mutations in colorectal adenomas: an early but not causative genetic event during colorectal carcinogenesis. *International Journal of Cancer*, **2008**, 122, 2242-8	7.5	16
43	Mucinous colon carcinomas with microsatellite instability have a lower microvessel density and lower vascular endothelial growth factor expression. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2003**, 442, 111-7	5.1	16
42	Expression Profiles in Stage II Colon Cancer According to APC Gene Status. *Translational Oncology*, **2012**, 5, 72-6	4.9	15
41	The thorough screening of the MUTYH gene in a large French cohort of sporadic colorectal cancers. *Genetic Testing and Molecular Biomarkers*, **2007**, 11, 373-9		15
40	High resolution genetic map of the adenomatous polyposis coli gene (APC) region. *American Journal of Medical Genetics Part A*, **1995**, 56, 413-9		14
39	Genetic characterization of the APC locus involved in familial adenomatous polyposis. *Gastroenterology*, **1991**, 101, 154-60	13.3	14
38	Partial duplications of the MSH2 and MLH1 genes in hereditary nonpolyposis colorectal cancer. *European Journal of Human Genetics*, **2007**, 15, 383-6	5.3	13
37	The UMD-APC database, a model of nation-wide knowledge base: update with data from 3,581 variations. *Human Mutation*, **2014**, 35, 532-6	4.7	12
36	Clinical utility gene card for: Lynch syndrome (MLH1, MSH2, MSH6, PMS2, EPCAM) - update 2012. *European Journal of Human Genetics*, **2013**, 21,	5.3	12
35	Contribution of ultrasonography to endometrial cancer screening in patients with hereditary nonpolyposis colorectal cancer/Lynch syndrome. *International Journal of Gynecological Cancer*, **2010**, 20, 583-7	3.5	12
34	Y253H mutation appearing in a micro-BCR-ABL (e19a2) CML. *Leukemia Research*, **2008**, 32, 361-2	2.7	12
33	UMD-MLH1/MSH2/MSH6 databases: description and analysis of genetic variations in French Lynch syndrome families. *Database: the Journal of Biological Databases and Curation*, **2013**, 2013, bat036	5	11
32	Is the controversy on breast cancer as part of the Lynch-related tumor spectrum still open?. *Familial Cancer*, **2012**, 11, 681-3	3	10
31	New types of MYST3-CBP and CBP-MYST3 fusion transcripts in t(8;16)(p11;p13) acute myeloid leukemias. *Haematologica*, **2007**, 92, 262-3	6.6	10
30	Clinical utility gene card for: familial adenomatous polyposis (FAP) and attenuated FAP (AFAP). *European Journal of Human Genetics*, **2011**, 19,	5.3	9
29	Clinical utility gene card for: Lynch syndrome (MLH1, MSH2, MSH6, PMS2). *European Journal of Human Genetics*, **2010**, 18,	5.3	8
28	Duodenal adenocarcinoma and Mut Y human homologue-associated polyposis. *European Journal of Gastroenterology and Hepatology*, **2008**, 20, 1024-7	2.2	8

27	Value of microsatellite instability typing in detecting hereditary non-polyposis colorectal cancer. A prospective multicentric study by the Association Aquitaine Gastro. *Gastroenterologie Clinique Et Biologique*, **2005**, 29, 667-75		8
26	SMAD4 protein expression and cell proliferation in colorectal adenocarcinomas. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2011**, 459, 511-9	5.1	7
25	Retention of chromosome arm 5q in stage II colon cancers identifies 83% of liver metastasis occurrences. *Genes Chromosomes and Cancer*, **2006**, 45, 94-102	5	7
24	Clinical Utility Gene Card for: Familial adenomatous polyposis (FAP) and attenuated FAP (AFAP)--update 2014. *European Journal of Human Genetics*, **2015**, 23,	5.3	6
23	The educational role of external quality assessment in genetic testing: a 7-year experience of the European Molecular Genetics Quality Network (EMQN) in Lynch syndrome. *Human Mutation*, **2011**, 32, 696-7	4.7	6
22	High-resolution genotyping of chromosome 8 in colon adenocarcinomas reveals recurrent break point but no gene mutation in the 8p21 region. *Diagnostic Molecular Pathology*, **2008**, 17, 90-3		6
21	Detection by DGGE of a new polymorphism closely linked to the adenomatous polyposis coli region. *Human Genetics*, **1992**, 88, 658-60	6.3	6
20	Improving Mutation Screening in Patients with Colorectal Cancer Predisposition Using Next-Generation Sequencing. *Journal of Molecular Diagnostics*, **2017**, 19, 589-601	5.1	5
19	Actionable Genes, Core Databases, and Locus-Specific Databases. *Human Mutation*, **2016**, 37, 1299-1307	4.7	5
18	Statistical inference on the penetrances of rare genetic mutations based on a case-family design. *Biostatistics*, **2010**, 11, 519-32	3.7	5
17	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. *Lancet Oncology, The*, **2021**, 22, 1014-1022	21.7	5
16	Age-Dependent Cancer Risk Is Not Different in between MSH2 and MLH1 Mutation Carriers. *Journal of Cancer Epidemiology*, **2009**, 2009, 791754	2.8	4
15	SMAD4 germinal mosaicism in a family with juvenile polyposis and hypertrophic osteoarthropathy. *Journal of Pediatric Gastroenterology and Nutrition*, **2005**, 41, 117-20	2.8	4
14	Reliability of presymptomatic test for adenomatous polyposis coli. *Lancet, The*, **1991**, 337, 1171-1172	40	4
13	Frequent intragenic rearrangements of DPYD in colorectal tumours. *Pharmacogenomics Journal*, **2015**, 15, 211-8	3.5	3
12	Characterisation of heterozygous variants in French patients with Lynch syndrome. *Journal of Medical Genetics*, **2020**, 57, 487-499	5.8	3
11	High-resolution analysis of DNA copy number alterations in rectal cancer: correlation with metastasis, survival, and mRNA expression. *Strahlentherapie Und Onkologie*, **2014**, 190, 1028-36	4.3	3
10	Gastric adenocarcinoma in familial adenomatous polyposis can occur without previous lesions. *Journal of Gastrointestinal Cancer*, **2014**, 45, 377-9	1.6	3

9	Design of a core classification process for DNA mismatch repair variations of a priori unknown functional significance. *Human Mutation*, **2013**, 34, 920-2	4.7	3
8	KRAS mutation spectrum notably diverges between non-small cell lung and colorectal carcinomas. *Journal of Thoracic Oncology*, **2012**, 7, 773-4; author reply 774	8.9	3
7	Genomic variations integrated database for MUTYH-associated adenomatous polyposis. *Journal of Medical Genetics*, **2015**, 52, 25-7	5.8	2
6	Analysis of candidate genes in occurrence and growth of colorectal adenomas. *Journal of Oncology*, **2009**, 2009, 306786	4.5	2
5	Cancer occurrence during follow-up of the CAPP2 study -aspirin use for up to four years significantly reduces Lynch syndrome cancers for up to several years after completion of therapy. *Hereditary Cancer in Clinical Practice*, **2010**, 8, O5	2.3	1
4	Chronic iron-deficiency anemia caused by a jejunojejunal intussusception on a solitary hamartomatous polyp. *Journal of Pediatric Gastroenterology and Nutrition*, **2010**, 50, 450-2	2.8	1
3	Semiparametric inference on the penetrances of rare genetic mutations based on a case-family design. *Journal of Statistical Planning and Inference*, **2013**, 143, 368-377	0.8	
2	iCOMET, projet national de recherche de g□es de pr□disposition au d□veloppement des m□tastases chez les patients trait□ pour un cancer colique sporadique de stade II **2009**, 7		
1	Quality Assurance in Molecular Testing of Cancer **2014**, 423-431		