Sylviane Olschwang

List of Publications by Year
in descending order

118	14,426	50276	19190
papers	citations	46 h-index	118 g-index

134	134	134	15985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A serine/threonine kinase gene defective in Peutzâ€“Jeghers syndrome. Nature, 1998, 391, 184-187.	27.8	1,451
2	Gene Expression Classification of Colon Cancer into Molecular Subtypes: Characterization, Validation, and Prognostic Value. PLoS Medicine, 2013, 10, e1001453.	8.4	1,064
3	Cancer Risks Associated With Germline Mutations in <emph type="ital">MLH1</emph>, <emph type="ital">MSH2</emph>, and <emph type="ital">MSH6</emph> Genes in Lynch Syndrome. JAMA - Journal of the American Medical Association, 2011, 305, 2304.	7.4	878
4	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, 2081-2087.	13.7	849
5	Kirsten ras mutations in patients with colorectal cancer: the â€˜RASCAL IIâ€™ study. British Journal of Cancer, 2001, 85, 692-696.	6.4	790
6	Frequency and Spectrum of Cancers in the Peutz-Jeghers Syndrome. Clinical Cancer Research, 2006, 12, 3209-3215.	7.0	746
7	Genome-wide association scan identifies a colorectal cancer susceptibility locus on chromosome 8q24. Nature Genetics, 2007, 39, 989-994.	21.4	676
8	Alleles of the APC gene: An attenuated form of familial polyposis. Cell, 1993, 75, 951-957.	28.9	611
9	Mutations of polycombâ€associated gene ASXL1 in myelodysplastic syndromes and chronic myelomonocytic leukaemia. British Journal of Haematology, 2009, 145, 788-800.	2.5	537
10	Chromosomes in Ewing's sarcoma. I. An evaluation of 85 cases and remarkable consistency of t(11;22)(q24;q12). Cancer Genetics and Cytogenetics, 1988, 32, 229-238.	1.0	488
11	Germline mutations in the Von Hippel-Lindau disease (VHL) gene in families from North America, Europe, and Japan. Human Mutation, 1996, 8, 348-357.	2.5	436
12	Founder and Recurrent CDH1 Mutations in Families With Hereditary Diffuse Gastric Cancer. JAMA - Journal of the American Medical Association, 2007, 297, 2360.	7.4	394
13	Association of p53 mutations with short survival in colorectal cancer. Gastroenterology, 1994, 106, 42-48.	1.3	348
14	Restriction of ocular fundus lesions to a specific subgroup of APC mutations in adenomatous polyposis coli patients. Cell, 1993, 75, 959-968.	28.9	307
15	Effect of Aspirin or Resistant Starch on Colorectal Neoplasia in the Lynch Syndrome. New England Journal of Medicine, 2008, 359, 2567-2578.	27.0	273
16	Relative frequency and morphology of cancers in STK11 mutation carriers1 â˜†. Gastroenterology, 2004, 126, 1788-1794.	1.3	228
17	Alternative genetic pathways in colorectal carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12122-12127.	7.1	209
18	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.	6.2	201

#	Article	IF	Citations
19	Survival and acquired genetic alterations in colorectal cancer. Gastroenterology, 1992, 102, 1136-1141.	1.3	182
20	PTEN germ-line mutations in juvenile polyposis coli. Nature Genetics, 1998, 18, 12-14.	21.4	153
21	A large fraction of unclassified variants of the mismatch repair genesMLH1andMSH2is associated with splicing defects. Human Mutation, 2008, 29, 1412-1424.	2.5	150
22	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.	2.6	140
23	Familial Adenomatous Polyposis: Prevalence of Adenomas in the Ileal Pouch After Restorative Proctocolectomy. Annals of Surgery, 2001, 233, 360-364.	4.2	139
24	Functional analysis of Peutzâ€“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, 1283-1292.	2.9	131
25	Identification in Daily Practice of Patients With Lynch Syndrome (Hereditary Nonpolyposis Colorectal) Tj ETQq1 1 0.784314 rgBT /Ove Journal of Gastroenterology, 2008, 103, 2825-2835.	0.4	118
26	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, 115-121.	2.8	109
27	Genome profiling of chronic myelomonocytic leukemia: frequent alterations of RAS and RUNX1genes. BMC Cancer, 2008, 8, 299.	2.6	109
28	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, 1242-1249.	10.7	95
29	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, 3591-3597.	1.6	91
30	Germline mutation profile of theVHL gene in von Hippel-Lindau disease and in sporadic hemangioblastoma. Human Mutation, 1998, 12, 424-430.	2.5	89
31	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, 68-77.	6.3	89
32	Colonoscopic Screening of First-Degree Relatives of Patients With Large Adenomas: Increased Risk of Colorectal Tumors. Gastroenterology, 2007, 133, 1086-1092.	1.3	87
33	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.	0.9	86
34	Peutz-Jeghers families unlinked toSTK11/LKB1 gene mutations are highly predisposed to primitive biliary adenocarcinoma. Journal of Medical Genetics, 2001, 38, 356-360.	3.2	81
35	Genotype-phenotype correlation in von Hippel-Lindau families with renal lesions. Human Mutation, 2004, 24, 215-224.	2.5	81
36	Microsatellite Instability in Colorectal Carcinoma. Archives of Pathology and Laboratory Medicine, 2003, 127, 694-700.	2.5	81

#	Article	IF	Citations
37	Is the multiple endocrine neoplasia type 1 gene a suppressor for fundic argyrophil tumors in the Zollinger-Ellison syndrome?. Gastroenterology, 1993, 105, 579-582.	1.3	79
38	SMARCB1/INI1 germline mutations contribute to 10% of sporadic schwannomatosis. BMC Neurology, 2011, 11, 9.	1.8	76
39	Genetic Alterations in Thyroid Carcinoma Associated with Familial Adenomatous Polyposis: Clinical Implications and Suggestions for Early Detection. World Journal of Surgery, 1998, 22, 1231-1236.	1.6	75
40	Leiden open variation database of the MUTYH gene. Human Mutation, 2010, 31, 1205-1215.	2.5	72
41	A Seven-Gene Signature Aggregates a Subgroup of Stage II Colon Cancers with Stage III. OMICS A Journal of Integrative Biology, 2012, 16, 560-565.	2.0	69
42	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.	2.6	65
43	Association of ki-ras mutation with differentiation and tumor-formation pathways in colorectal carcinoma. International Journal of Cancer, 1991, 49, 220-223.	5.1	61
44	Quantitative PCR high-resolution melting (qPCR-HRM) curve analysis, a new approach to simultaneously screen point mutations and large rearrangements: application toMLH1germline mutations in Lynch syndrome. Human Mutation, 2009, 30, 867-875.	2.5	58
45	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. Lancet Oncology, The, 2021, 22, 1014-1022.	10.7	58
46	Genetic polymorphisms of MMP1, MMP3 and MMP7gene promoter and risk of colorectal adenoma. BMC Cancer, 2006, 6, 270.	2.6	56
47	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) Tj ETQq1 1 0.784314 rgBT /Overlock 1006-1015.		
48	Vessels' morphology inSMAD4 andBMPR1A-related juvenile polyposis. American Journal of Medical Genetics, Part A, 2005, 138A, 113-117.	1.2	45
49	Cytogenetic and molecular approaches of polyploidization in colorectal adenocarcinomas. Cancer Genetics and Cytogenetics, 1990, 44, 107-118.	1.0	41
50	Fine deletion mapping of chromosome 8p in non-small-cell lung carcinoma. , 1999, 81, 854-858.		40
51	Molecular combing reveals complex 4q35 rearrangements in Facioscapulohumeral dystrophy. Human Mutation, 2017, 38, 1432-1441.	2.5	39
52	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, 315-320.	1.7	37
53	Somatically acquired genetic alterations in flat colorectal neoplasias. , 1998, 77, 366-369.		34
54	8q24 Cancer Risk Allele Associated with Major Metastatic Risk in Inflammatory Breast Cancer. PLoS ONE, 2012, 7, e37943.	2.5	34

#	Article	IF	Citations
55	Germline mutations in the Von Hippelâ€Lindau disease (VHL) gene in families from North America, Europe, and Japan. Human Mutation, 1996, 8, 348-357.	2.5	33
56	Multicenter study of ZAP-70 expression in patients with B-cell chronic lymphocytic leukemia using an optimized flow cytometry method. Haematologica, 2008, 93, 215-223.	3.5	32
57	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, 721-722.	3.2	32
58	The 5â€² region of theMSH2gene involved in hereditary non-polyposis colorectal cancer contains a high density of recombinogenic sequences. Human Mutation, 2005, 26, 255-261.	2.5	31
59	A Multicenter Blinded Study Evaluating EGFR and KRAS Mutation Testing Methods in the Clinical Nonâ€“Small Cell Lung Cancer Settingâ€”IFCT/ERMETIC2 Project Part 1. Journal of Molecular Diagnostics, 2014, 16, 45-55.	2.8	31
60	Association between mutations in theCARD15 (NOD2) gene and Crohn's disease in Israeli Jewish patients. American Journal of Medical Genetics Part A, 2003, 121A, 240-244.	2.4	29
61	Usefulness of Prophylactic Gastrectomy in a Novel Large Hereditary Diffuse Gastric Cancer (HDGC) Family. American Journal of Gastroenterology, 2008, 103, 2160-2161.	0.4	28
62	The LKB1 complex-AMPK pathway: the tree that hides the forest. Familial Cancer, 2011, 10, 415-424.	1.9	27
63	Deletion mapping of the tumor suppressor locus involved in colorectal cancer on chromosome band 8p21. , 1999, 25, 147-153.		26
64	Rearrangements involving 12q in myeloproliferative disorders: possible role of HMGA2 and SOCS2 genes. Cancer Genetics and Cytogenetics, 2007, 176, 80-88.	1.0	26
65	PIK3CA mutations predict recurrence in localized microsatellite stable colon cancer. Cancer Medicine, 2015, 4, 371-382.	2.8	25
66	Predominance of normal karyotype in colorectal tumors from hereditary non-polyposis colorectal cancer patients. Genes Chromosomes and Cancer, 1995, 14, 223-226.	2.8	24
67	Analysis of the allele-specific expression of the mismatch repair geneMLH1using a simple DHPLC-Based Method. Human Mutation, 2004, 23, 379-384.	2.5	24
68	Hysteroscopic findings in women at risk of HNPCC. Results of a prospective observational study. Familial Cancer, 2007, 6, 295-299.	1.9	24
69	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, 331-337.	0.9	23
70	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, 111-117.	2.8	22
71	High Frequency of Chromosome 14 Deletion in Early-Onset Colon Cancer. Diseases of the Colon and Rectum, 2007, 50, 1881-1886.	1.3	22
72	Preservation of chromosome and DNA characteristics of human colorectal adenocarcinomas after passage in nude mice. International Journal of Cancer, 1989, 44, 871-878.	5.1	21

#	Article	IF	Citations
73	Molecular patterns in deficient mismatch repair colorectal tumours: results from a French prospective multicentric biological and genetic study. British Journal of Cancer, 2014, 110, 2728-2737.	6.4	20
74	RFLP identified by the anonymous DNA segment OL VII E10 at 18q21.3 (HGM do. D18S8). Nucleic Acids Research, 1987, 15, 1348-1348.	14.5	19
75	Mitochondrial D310 mutations in colorectal adenomas: An early but not causative genetic event during colorectal carcinogenesis. International Journal of Cancer, 2008, 122, 2242-2248.	5.1	19
76	Expression Profiles in Stage II Colon Cancer According to APC Gene Status. Translational Oncology, 2012, 5, 72-76.	3.7	18
77	Genetic characterization of the APC locus involved in familial adenomatous polyposis. Gastroenterology, 1991, 101, 154-160.	1.3	17
78	Contribution of Ultrasonography to Endometrial Cancer Screening in Patients With Hereditary Nonpolyposis Colorectal Cancer/Lynch Syndrome. International Journal of Gynecological Cancer, 2010, 20, 583-587.	2.5	17
79	Clinical utility gene card for: Lynch syndrome (MLH1, MSH2, MSH6, PMS2, EPCAM) - update 2012. European Journal of Human Genetics, 2013, 21, 118-118.	2.8	16
80	High resolution genetic map of the adenomatous polyposis coli gene (APC) region. American Journal of Medical Genetics Part A, 1995, 56, 413-419.	2.4	15
81	The Thorough Screening of the MUTYH Gene in a Large French Cohort of Sporadic Colorectal Cancers. Genetic Testing and Molecular Biomarkers, 2007, 11, 373-380.	1.7	15
82	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-bat036.	3.0	15
83	The UMD-APC Database, a Model of Nation-Wide Knowledge Base: Update with Data from 3,581 Variations. Human Mutation, 2014, 35, 532-536.	2.5	15
84	Partial duplications of the MSH2 and MLH1 genes in hereditary nonpolyposis colorectal cancer. European Journal of Human Genetics, 2007, 15, 383-386.	2.8	14
85	Y253H mutation appearing in a Î¼-BCR-ABL (e19a2) CML. Leukemia Research, 2008, 32, 361-362.	0.8	13
86	New types of MYST3-CBP and CBP-MYST3 fusion transcripts in t(8;16)(p11;p13) acute myeloid leukemias. Haematologica, 2007, 92, 262-263.	3.5	12
87	Value of microsatellite instability typing in detecting hereditary non-polyposis colorectal cancer. Gastroenterologie Clinique Et Biologique, 2005, 29, 667-675.	0.9	11
88	Is the controversy on breast cancer as part of the Lynch-related tumor spectrum still open?. Familial Cancer, 2012, 11, 681-683.	1.9	11
89	Improving Mutation Screening in Patients with Colorectal Cancer Predisposition Using Next-Generation Sequencing. Journal of Molecular Diagnostics, 2017, 19, 589-601.	2.8	11
90	Clinical utility gene card for: Lynch syndrome (MLH1, MSH2, MSH6, PMS2). European Journal of Human Genetics, 2010, 18, 1071-1071.	2.8	10

#	Article	IF	Citations
91	Clinical utility gene card for: Familial adenomatous polyposis (FAP) and attenuated FAP (AFAP). European Journal of Human Genetics, 2011, 19, 832-832.	2.8	10
92	Characterisation of heterozygous PMS2 variants in French patients with Lynch syndrome. Journal of Medical Genetics, 2020, 57, 487-499.	3.2	10
93	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, 90-93.	2.1	9
94	Duodenal adenocarcinoma and Mut Y human homologue-associated polyposis. European Journal of Gastroenterology and Hepatology, 2008, 20, 1024-1027.	1.6	9
95	Clinical Utility Gene Card for: Familial adenomatous polyposis (FAP) and attenuated FAP (AFAP) - update 2014. European Journal of Human Genetics, 2015, 23, 889-889.	2.8	9
96	Retention of chromosome arm 5q in stage II colon cancers identifies 83% of liver metastasis occurrences. Genes Chromosomes and Cancer, 2006, 45, 94-102.	2.8	8
97	SMAD4 protein expression and cell proliferation in colorectal adenocarcinomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2011, 459, 511-519.	2.8	7
98	Detection by DGGE of a new polymorphism closely linked to the adenomatous polyposis coli region. Human Genetics, 1992, 88, 658-660.	3.8	6
99	SMAD4 Germinal Mosaicism in a Family with Juvenile Polyposis and Hypertrophic Osteoarthropathy. Journal of Pediatric Gastroenterology and Nutrition, 2005, 41, 117-120.	1.8	6
100	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, 696-697.	2.5	6
101	Actionable Genes, Core Databases, and Locus-Specific Databases. Human Mutation, 2016, 37, 1299-1307.	2.5	6
102	Reliability of presymptomatic test for adenomatous polyposis coli. Lancet, The, 1991, 337, 1171-1172.	13.7	5
103	Statistical inference on the penetrances of rare genetic mutations based on a case-family design. Biostatistics, 2010, 11, 519-532.	1.5	5
104	Age-Dependent Cancer Risk Is Not Different in betweenMSH2andMLH1Mutation Carriers. Journal of Cancer Epidemiology, 2009, 2009, 1-6.	1.1	4
105	KRAS Mutation Spectrum Notably Diverges between Non-small Cell Lung and Colorectal Carcinomas. Journal of Thoracic Oncology, 2012, 7, 773-774.	1.1	4
106	Gastric Adenocarcinoma in Familial Adenomatous Polyposis Can Occur Without Previous Lesions. Journal of Gastrointestinal Cancer, 2014, 45, 377-379.	1.3	4
107	High-resolution analysis of DNA copy number alterations in rectal cancer. Strahlentherapie Und Onkologie, 2014, 190, 1028-1036.	2.0	4
108	Design of a Core Classification Process for DNA Mismatch Repair Variations of A Priori Unknown Functional Significance. Human Mutation, 2013, 34, 920-922.	2.5	3

#	Article	IF	Citations
109	Frequent intragenic rearrangements of DPYD in colorectal tumours. Pharmacogenomics Journal, 2015, 15, 211-218.	2.0	3
110	Germ-line mutations of the APC gene in patients with FAP associated hepatoblastoma are located out of the mutation cluster region (codons 1286â€“1513). Gastroenterology, 2000, 118, A45.	1.3	2
111	Analysis of Candidate Genes in Occurrence and Growth of Colorectal Adenomas. Journal of Oncology, 2009, 2009, 1-9.	1.3	2
112	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.	1.5	2
113	Genomic variations integrated database forMUTYH-associated adenomatous polyposis. Journal of Medical Genetics, 2015, 52, 25-27.	3.2	2
114	Chronic Ironâ€deficiency Anemia Caused by a Jejunojejunal Intussusception on a Solitary Hamartomatous Polyp. Journal of Pediatric Gastroenterology and Nutrition, 2010, 50, 450-452.	1.8	1
115	Abstract 5555: Pharmacogenetics-pharmacokinetics study of bevacizumab in mCRC patients treated with Avastin-Folfiri regimen: Search for predictive markers of response and study of the pharmacokinetics variability. , 2014, , .		1
116	iCOMET, projet national de recherche de gÃ¨nes de prÃ©disposition au dÃ©veloppement des mÃ©tastases chez les patients traitÃ©s pour un cancer colique sporadique de stade II. CancÃ©ro Digest, 2009, , 7.	0.0	0
117	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.	0.6	0
118	Expression phÃ©notypique de la polypose adÃ©nomateuse familiale. Medecine/Sciences, 1994, 10, 454.	0.2	0