

Sigurd F Lax

List of Publications by Year in descending order

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79
papers

5,312
citations

136950
32
h-index

85541
71
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93
all docs

93
docs citations

93
times ranked

8553
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary Arterial Thrombosis in COVID-19 With Fatal Outcome. <i>Annals of Internal Medicine</i> , 2020, 173, 350-361.	3.9	653
2	Complex Tumor Genomes Inferred from Single Circulating Tumor Cells by Array-CGH and Next-Generation Sequencing. <i>Cancer Research</i> , 2013, 73, 2965-2975.	0.9	497
3	The frequency of p53, k-ras mutations, and microsatellite instability differs in uterine endometrioid and serous carcinoma. <i>Cancer</i> , 2000, 88, 814-824.	4.1	418
4	Molecular genetic pathways in various types of endometrial carcinoma: from a phenotypical to a molecular-based classification. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2004, 444, 213-223.	2.8	336
5	Pathophysiological mechanisms of liver injury in COVID-19. <i>Liver International</i> , 2021, 41, 20-32.	3.9	273
6	The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology guidelines for the management of patients with cervical cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, 404-416.	0.6	241
7	Clear cell carcinoma of the endometrium is characterized by a distinctive profile of p53, Ki-67, estrogen, and progesterone receptor expression. <i>Human Pathology</i> , 1998, 29, 551-558.	2.0	218
8	Changes in Colorectal Carcinoma Genomes under Anti-EGFR Therapy Identified by Whole-Genome Plasma DNA Sequencing. <i>PLoS Genetics</i> , 2014, 10, e1004271.	3.5	157
9	Establishment of tumor-specific copy number alterations from plasma DNA of patients with cancer. <i>International Journal of Cancer</i> , 2013, 133, 346-356.	5.1	155
10	A Binary Architectural Grading System for Uterine Endometrial Endometrioid Carcinoma Has Superior Reproducibility Compared With FIGO Grading and Identifies Subsets of Advance-Stage Tumors With Favorable and Unfavorable Prognosis. <i>American Journal of Surgical Pathology</i> , 2000, 24, 1201-1208.	3.7	147
11	The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology Guidelines for the Management of Patients with Cervical Cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 919-936.	2.8	127
12	Comparison of estrogen and progesterone receptor, Ki-67, and p53 immunoreactivity in uterine endometrioid carcinoma and endometrioid carcinoma with squamous, mucinous, secretory, and ciliated cell differentiation. <i>Human Pathology</i> , 1998, 29, 924-931.	2.0	115
13	Clinical Role of Multidrug Resistance Protein 1 Expression in Chemotherapy Resistance in Early-Stage Breast Cancer: The Austrian Breast and Colorectal Cancer Study Group. <i>Journal of Clinical Oncology</i> , 2005, 23, 1161-1168.	1.6	97
14	ESGO/ESTRO/ESP guidelines for the management of patients with endometrial carcinoma. <i>Radiotherapy and Oncology</i> , 2021, 154, 327-353.	0.6	96
15	Post-mortem viral dynamics and tropism in COVID-19 patients in correlation with organ damage. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 343-353.	2.8	89
16	Characterization of the Dose-Response of CYP1B1, CYP1A1, and CYP1A2 in the Liver of Female Sprague-Dawley Rats Following Chronic Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. <i>Toxicology and Applied Pharmacology</i> , 1999, 154, 279-286.	2.8	88
17	Cyclin D1 Expression in Breast Cancer Patients Receiving Adjuvant Tamoxifen-Based Therapy. <i>Clinical Cancer Research</i> , 2008, 14, 1767-1774.	7.0	81
18	Mir-96a-5p influences cellular growth and is associated with poor survival in colorectal cancer patients. <i>Molecular Carcinogenesis</i> , 2015, 54, 1442-1450.	2.7	81

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19	Expression of the nuclear bile acid receptor/farnesoid X receptor is reduced in human colon carcinoma compared to nonneoplastic mucosa independent from site and may be associated with adverse prognosis. International Journal of Cancer, 2012, 130, 2232-2239.	5.1	80
20	Quality assurance for detection of estrogen and progesterone receptors by immunohistochemistry in Austrian pathology laboratories. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2002, 441, 328-334.	2.8	74
21	Prognostic Factors in Surgically Treated Stage Ibâ€“Iib Cervical Carcinomas with Special Emphasis on the Importance of Tumor Volume. Gynecologic Oncology, 2001, 82, 11-16.	1.4	71
22	<i>BRCA1/2</i> and <i>TP53</i> mutation status associates with <i>PD-1</i> and <i>PD-L1</i> expression in ovarian cancer. Oncotarget, 2018, 9, 17501-17511.	1.8	70
23	Chromosomal alterations in low-grade endometrial stromal sarcoma and undifferentiated endometrial sarcoma as detected by comparative genomic hybridization. Gynecologic Oncology, 2005, 97, 582-587.	1.4	61
24	Fertility Preservation for Patients with Malignant Disease. Guideline of the DGGG, DGU and DGRM (S2k-Level, AWMF Registry No.â€œ015/082, November 2017) â€œ Recommendations and Statements for Girls and Women. Geburtshilfe Und Frauenheilkunde, 2018, 78, 567-584.	1.8	56
25	Molecular genetic changes in epithelial, stromal and mixed neoplasms of the endometrium. Pathology, 2007, 39, 46-54.	0.6	53
26	High p27 ^{Kip1} Expression Predicts Superior Relapse-Free and Overall Survival for Premenopausal Women With Early-Stage Breast Cancer Receiving Adjuvant Treatment With Tamoxifen Plus Goserelin. Journal of Clinical Oncology, 2003, 21, 3594-3600.	1.6	51
27	Targeting Signaling Pathways in Epithelial Ovarian Cancer. International Journal of Molecular Sciences, 2013, 14, 9536-9555.	4.1	51
28	Germline variants in the SEMA4A gene predispose to familial colorectal cancer type X. Nature Communications, 2014, 5, 5191.	12.8	51
29	Pathology of Endometrial Carcinoma. Advances in Experimental Medicine and Biology, 2017, 943, 75-96.	1.6	50
30	Accuracy of frozen section examination of pelvic lymph nodes in patients with FIGO stage IB1 to IIB cervical cancer. Gynecologic Oncology, 2003, 90, 605-609.	1.4	39
31	Groin Recurrence after Micrometastasis in a Sentinel Lymph Node in a Patient with Vulvar Cancer. Gynecologic Oncology, 2002, 86, 99-101.	1.4	38
32	L1CAM: amending the â€œlow-riskâ€œ category in endometrial carcinoma. Journal of Cancer Research and Clinical Oncology, 2017, 143, 255-262.	2.5	34
33	Separation of low and high grade colon and rectum carcinoma by eukaryotic translation initiation factors 1, 5 and 6. Oncotarget, 2017, 8, 101224-101243.	1.8	34
34	Reproducibility of lymphovascular space invasion (LVSI) assessment in endometrial cancer. Histopathology, 2019, 75, 128-136.	2.9	32
35	Interdisciplinary Diagnosis, Therapy and Follow-up of Patients with Endometrial Cancer. Guideline (S3-Level, AWMF Registry Number 032/034-OL, April 2018) â€œ Part 2 with Recommendations on the Therapy and Follow-up of Endometrial Cancer, Palliative Care, Psycho-oncological/Psychosocial Care/Rehabilitation/Patient Information and Healthcare Facilities. Geburtshilfe Und Frauenheilkunde, 2018, 78, 1089-1109.	1.8	30
36	Fertility-sparing surgery and reproductive-outcomes in patients with borderline ovarian tumors. Gynecologic Oncology, 2020, 157, 411-417.	1.4	30

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37	IMP2/IGF2BP2 expression, but not IMP1 and IMP3, predicts poor outcome in patients and high tumor growth rate in xenograft models of gallbladder cancer. <i>Oncotarget</i> , 2017, 8, 89736-89745.	1.8	30
38	Long-term survival in a patient with brain metastases preceding the diagnosis of endometrial cancer. <i>Journal of Neurosurgery</i> , 2001, 94, 846-848.	1.6	29
39	BRCA1 and BRCA2 mRNA-expression prove to be of clinical impact in ovarian cancer. <i>British Journal of Cancer</i> , 2018, 119, 683-692.	6.4	29
40	Validation of Residual Cancer Burden as Prognostic Factor for Breast Cancer Patients After Neoadjuvant Therapy. <i>Annals of Surgical Oncology</i> , 2019, 26, 4274-4283.	1.5	29
41	Inguinal Lymph Node Metastasis as the Only Manifestation of Lymphatic Spread in Ovarian Cancer: A Case Report. <i>Gynecologic Oncology</i> , 1999, 75, 517-518.	1.4	27
42	Low p27 Expression Predicts Early Relapse and Death in Postmenopausal Hormone Receptorâ€“Positive Breast Cancer Patients Receiving Adjuvant Tamoxifen Therapy. <i>Clinical Cancer Research</i> , 2009, 15, 5888-5894.	7.0	26
43	COVID-19 autopsies: Procedure, technical aspects and cause of fatal course. Experiences from a single-center. <i>Pathology Research and Practice</i> , 2021, 217, 153305.	2.3	26
44	Cell-free DNA analysis reveals POLR1D-mediated resistance to bevacizumab in colorectal cancer. <i>Genome Medicine</i> , 2020, 12, 20.	8.2	25
45	Bilateral carcinomas of the breast with local recurrence: analysis of genetic relationship of the tumors. <i>Modern Pathology</i> , 2004, 17, 597-602.	5.5	21
46	Differential survival trends of stage II colorectal cancer patients relate to promoter methylation status of PCDH10, SPARC, and UCHL1. <i>Modern Pathology</i> , 2014, 27, 906-915.	5.5	21
47	A Functional Germline Variant in <i>GLI1</i> Implicates Hedgehog Signaling in Clinical Outcome of Stage II and III Colon Carcinoma Patients. <i>Clinical Cancer Research</i> , 2014, 20, 1687-1697.	7.0	20
48	Comprehensive analysis of PD-L1 expression, HER2 amplification, ALK/EML4 fusion, and mismatch repair deficiency as putative predictive and prognostic factors in ovarian carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 599-608.	2.8	19
49	Ossifying Fibromyxoid Tumor Misdiagnosed as Follicular Neoplasia. <i>Acta Cytologica</i> , 1997, 41, 1261-1264.	1.3	14
50	The course of serum HER-2/neu levels as an independent prognostic factor for survival in metastatic breast cancer. <i>Oncology Reports</i> , 2004, 11, 1331-6.	2.6	14
51	Clinical Epidemiology of Invasive Cutaneous Malignant Melanoma in the Austrian Province Styria in the Years 2001â€“2003 and Its Relationship with Local Geographical, Meteorological and Economic Data. <i>Dermatology</i> , 2007, 214, 246-252.	2.1	13
52	On-treatment measurements of circulating tumor DNA during FOLFOX therapy in patients with colorectal cancer. <i>Npj Precision Oncology</i> , 2020, 4, 30.	5.4	13
53	Pulmonary arterial thrombosis as an important complication of COVID-19 pulmonary disease: letter to the editor. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 467-468.	2.8	11
54	Disseminated tumor cells are not associated with established risk factors, L1CAM immunoreactivity and outcome in endometrial carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 2183-2188.	2.5	10

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55	Inguinal lymph node metastasis as the presenting symptom of endometrial cancer: a case report. <i>Anticancer Research</i> , 2002, 22, 2531-2.	1.1	9
56	Secondary Hyperthyroidism due to an Ectopic Thyrotropin-Secreting Neuroendocrine Pituitary Tumor: A Case Report. <i>European Thyroid Journal</i> , 2020, 9, 106-112.	2.4	8
57	Histopathology of cervical precursor lesions and cancer. <i>Acta Dermatovenerologica Alpina, Panonica Et Adriatica</i> , 2011, 20, 125-33.	0.1	7
58	CYP1B1 Is Not a Major Determinant of the Disposition of Aromatase Inhibitors in Epithelial Cells of Invasive Ductal Carcinoma. <i>Drug Metabolism and Disposition</i> , 2008, 36, 963-970.	3.3	6
59	Pulmonary Arterial Thrombosis in COVID-19 With Fatal Outcome. <i>Annals of Internal Medicine</i> , 2021, 174, 139-140.	3.9	6
60	The frequency of p53, k-ras mutations, and microsatellite instability differs in uterine endometrioid and serous carcinoma. <i>Cancer</i> , 2000, 88, 814-824.	4.1	6
61	Genetic profiling of putative breast cancer stem cells from malignant pleural effusions. <i>PLoS ONE</i> , 2017, 12, e0175223.	2.5	6
62	Comparison of the Idylla [®] MSI assay with the Promega [®] MSI Analysis System and immunohistochemistry on formalin-fixed paraffin-embedded tissue of endometrial carcinoma: results from an international, multicenter study. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 480, 1031-1039.	2.8	6
63	The cytokeratin 17 expression in primary ovarian tumors has diagnostic but not prognostic significance. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 481, 201-212.	2.8	6
64	The central role of the pathologist in the management of patients with cervical cancer: ESGO/ESTRO/ESP guidelines. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 45-54.	2.8	5
65	Dataset on patients with Recurrent Borderline Ovarian Tumors and Table with Review of Literature on Fertility and Oncologic Outcomes of patients with Borderline Ovarian Tumors. <i>Data in Brief</i> , 2020, 30, 105653.	1.0	4
66	Predictive Value of Molecular Subtypes in Premenopausal Women with Hormone Receptor ⁺ positive Early Breast Cancer: Results from the ABCSG Trial 5. <i>Clinical Cancer Research</i> , 2020, 26, 5682-5688.	7.0	4
67	Prediction of clinical outcome in stage II and III colon cancer by a common gene variant in AXIN2.. <i>Journal of Clinical Oncology</i> , 2013, 31, 387-387.	1.6	4
68	Dermatopathology Examination in Europe: A Summary of 6 Years of the European Board Certification. <i>American Journal of Dermatopathology</i> , 2009, 31, 803-805.	0.6	2
69	Fever of Unknown Origin With Angina. <i>Circulation</i> , 2013, 128, 279-280.	1.6	2
70	Can the classification of low-grade endometrial stromal tumors still be improved?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 663-664.	2.8	2
71	The clinical, morphological, and genetic heterogeneity of endometrial stromal sarcoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 489-490.	2.8	2
72	The frequency of p53, k-ras mutations, and microsatellite instability differs in uterine endometrioid and serous carcinoma. , 2000, 88, 814.		1

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73	LGR5 rs17109924 to predict chemoresistance to 5FU-based chemotherapy in adjuvant colon cancer.. Journal of Clinical Oncology, 2014, 32, 3580-3580.	1.6	1
74	Clinical impact of BRCA1 and BRCA2 mRNA expression in ovarian cancer.. Journal of Clinical Oncology, 2018, 36, e17533-e17533.	1.6	1
75	Malignant phyllodes tumor of the breast with axillary lymph node metastasis: case report and review of the literature. European Surgery - Acta Chirurgica Austriaca, 2022, 54, 156-162.	0.7	1
76	A Common Gene Variant in Hedgehog Pathway Gene Gli1 Identifies Patients at Risk of Recurrence in Stage II Colon Cancer. Annals of Oncology, 2013, 24, iv27.	1.2	0
77	Miniseries of reviews: gynecological pathology. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 472, 883-884.	2.8	0
78	Grade of Endometrial Carcinoma. American Journal of Surgical Pathology, 2001, 25, 1556.	3.7	0
79	Down-regulation of KRAS-interacting miRNA-143 to predict prognosis and response to EGFR-targeted agents in colorectal cancer.. Journal of Clinical Oncology, 2012, 30, e14066-e14066.	1.6	0