

Ian S Hagemann

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

4,677
citations

218592

26
h-index

102432

66
g-index

92
all docs

92
docs citations

92
times ranked

9050
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumour hypoxia promotes tolerance and angiogenesis via CCL28 and Treg cells. <i>Nature</i> , 2011, 475, 226-230.	13.7	1,071
2	Tumor endothelium FasL establishes a selective immune barrier promoting tolerance in tumors. <i>Nature Medicine</i> , 2014, 20, 607-615.	15.2	742
3	Prognostic significance of tumor-infiltrating T cells in ovarian cancer: A meta-analysis. <i>Gynecologic Oncology</i> , 2012, 124, 192-198.	0.6	527
4	Clinical next-generation sequencing in patients with non-small cell lung cancer. <i>Cancer</i> , 2015, 121, 631-639.	2.0	190
5	Validation of a Next-Generation Sequencing Assay for Clinical Molecular Oncology. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 89-105.	1.2	168
6	Neoadjuvant and Adjuvant Pembrolizumab in Resectable Locally Advanced, Human Papillomavirus-Unrelated Head and Neck Cancer: A Multicenter, Phase II Trial. <i>Clinical Cancer Research</i> , 2020, 26, 5140-5152.	3.2	163
7	Redirected Antitumor Activity of Primary Human Lymphocytes Transduced With a Fully Human Anti-mesothelin Chimeric Receptor. <i>Molecular Therapy</i> , 2012, 20, 633-643.	3.7	161
8	Geometric Magnetic Frustration in Ba ₂ Sn ₂ Ga ₃ ZnCr ₇ O ₂₂ : A Two-Dimensional Spinel Based Kagomé Lattice. <i>Physical Review Letters</i> , 2001, 86, 894-897.	2.9	115
9	High-throughput detection of prostate cancer in histological sections using probabilistic pairwise Markov models. <i>Medical Image Analysis</i> , 2010, 14, 617-629.	7.0	107
10	T-cell clonality assessment by next-generation sequencing improves detection sensitivity in mycosis fungoides. <i>Journal of the American Academy of Dermatology</i> , 2015, 73, 228-236.e2.	0.6	76
11	Breast Cancer Neoantigens Can Induce CD8+ T-Cell Responses and Antitumor Immunity. <i>Cancer Immunology Research</i> , 2017, 5, 516-523.	1.6	74
12	A Phase II Trial of Neoadjuvant MK-2206, an AKT Inhibitor, with Anastrozole in Clinical Stage II or III PIK3CA-Mutant ER-Positive and HER2-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 6823-6832.	3.2	66
13	Neoadjuvant pembrolizumab in surgically resectable, locally advanced HPV negative head and neck squamous cell carcinoma (HNSCC).. <i>Journal of Clinical Oncology</i> , 2017, 35, 6012-6012.	0.8	62
14	Primary Human Ovarian Epithelial Cancer Cells Broadly Express HER2 at Immunologically-Detectable Levels. <i>PLoS ONE</i> , 2012, 7, e49829.	1.1	60
15	Evaluation of Ovarian Cancer: Initial Application of Coregistered Photoacoustic Tomography and US. <i>Radiology</i> , 2018, 289, 740-747.	3.6	60
16	Risk of Occult Malignancy in Morcellated Hysterectomy. <i>International Journal of Gynecological Pathology</i> , 2011, 30, 476-483.	0.9	58
17	Synthesis, structure and physical properties of Ru ferrites: BaMRu ₅ O ₁₁ (M=Li and Cu) and BaM ₂ Ru ₄ O ₁₁ (M ²⁺ =Mn, Fe and Co). <i>Journal of Solid State Chemistry</i> , 2006, 179, 563-572.	1.4	53
18	The Ovarian Cancer Chemokine Landscape Is Conducive to Homing of Vaccine-Primed and CD3/CD28-Costimulated T Cells Prepared for Adoptive Therapy. <i>Clinical Cancer Research</i> , 2015, 21, 2840-2850.	3.2	52

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19	Design of targeted, capture-based, next generation sequencing tests for precision cancer therapy. <i>Cancer Genetics</i> , 2013, 206, 420-431.	0.2	50
20	Comparative DNA methylome analysis of endometrial carcinoma reveals complex and distinct deregulation of cancer promoters and enhancers. <i>BMC Genomics</i> , 2014, 15, 868.	1.2	49
21	Molecular Testing in Breast Cancer: A Guide to Current Practices. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 815-824.	1.2	43
22	Spectrum of mutations in leiomyosarcomas identified by clinical targeted next-generation sequencing. <i>Experimental and Molecular Pathology</i> , 2017, 102, 156-161.	0.9	37
23	Molecular Pathology of Hereditary and Sporadic Medullary Thyroid Carcinomas. <i>American Journal of Clinical Pathology</i> , 2015, 143, 768-777.	0.4	36
24	Therapeutic Inhibition of the Receptor Tyrosine Kinase AXL Improves Sensitivity to Platinum and Taxane in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 389-398.	1.9	32
25	A Retrospective Comparison of 2 Methods of Intraoperative Margin Evaluation During Partial Nephrectomy. <i>Journal of Urology</i> , 2009, 181, 500-505.	0.2	31
26	Histopathology of Third Trimester Placenta from SARS-CoV-2-Positive Women. <i>Fetal and Pediatric Pathology</i> , 2022, 41, 403-412.	0.4	28
27	Whole-Genome DNA Methylation Profiling Identifies Epigenetic Signatures of Uterine Carcinosarcoma. <i>Neoplasia</i> , 2017, 19, 100-111.	2.3	27
28	Inhibition of the Receptor Tyrosine Kinase AXL Restores Paclitaxel Chemosensitivity in Uterine Serous Cancer. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2881-2891.	1.9	27
29	AXL modulates extracellular matrix protein expression and is essential for invasion and metastasis in endometrial cancer. <i>Oncotarget</i> , 2016, 7, 77291-77305.	0.8	26
30	Structure of the Complement Factor 5a Receptor-Ligand Complex Studied by Disulfide Trapping and Molecular Modeling. <i>Journal of Biological Chemistry</i> , 2008, 283, 7763-7775.	1.6	25
31	Immunogenomic profiling and pathological response results from a clinical trial of docetaxel and carboplatin in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 189, 187-202.	1.1	24
32	Tissue-based immune monitoring II. <i>Cancer Biology and Therapy</i> , 2011, 12, 367-377.	1.5	21
33	Mammaglobin expression in gynecologic adenocarcinomas. <i>Human Pathology</i> , 2013, 44, 628-635.	1.1	21
34	Endocervical involvement in endometrial adenocarcinoma is not prognostically significant and the pathologic assessment of the pattern of involvement is not reproducible. <i>Gynecologic Oncology</i> , 2013, 128, 83-87.	0.6	21
35	Stabilization of Disease after Targeted Therapy in a Thymic Carcinoma with KIT Mutation Detected by Clinical Next-Generation Sequencing. <i>Journal of Thoracic Oncology</i> , 2014, 9, e12-e16.	0.5	20
36	GAS6/AXL Inhibition Enhances Ovarian Cancer Sensitivity to Chemotherapy and PARP Inhibition through Increased DNA Damage and Enhanced Replication Stress. <i>Molecular Cancer Research</i> , 2022, 20, 265-279.	1.5	19

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37	The Cancer Genomics Resource List 2014. Archives of Pathology and Laboratory Medicine, 2015, 139, 989-1008.	1.2	18
38	Overview of Technical Aspects and Chemistries of Next-Generation Sequencing. , 2015, , 3-19.		17
39	Optical Resolution Photoacoustic Microscopy of Ovary and Fallopian Tube. Scientific Reports, 2019, 9, 14306.	1.6	17
40	Random Mutagenesis of the Complement Factor 5a (C5a) Receptor N Terminus Provides a Structural Constraint for C5a Docking. Journal of Biological Chemistry, 2006, 281, 36783-36792.	1.6	16
41	Diagnostic Utility of Targeted Next-generation Sequencing in Problematic Cases. American Journal of Surgical Pathology, 2014, 38, 534-541.	2.1	16
42	A common founding clone with <i>TP53</i> and <i>PTEN</i> mutations gives rise to a concurrent germ cell tumor and acute megakaryoblastic leukemia. Journal of Physical Education and Sports Management, 2016, 2, a000687.	0.5	15
43	Association of Li-Fraumeni Syndrome With Small Cell Carcinoma of the Ovary, Hypercalcemic Type and Concurrent Pleomorphic Liposarcoma of the Cervix. International Journal of Gynecological Pathology, 2017, 36, 593-599.	0.9	15
44	Molecular Testing in Breast Cancer. Journal of Molecular Diagnostics, 2021, 23, 1422-1432.	1.2	14
45	Optimal Sampling of Grossly Normal Omentum in Staging of Gynecologic Malignancies. International Journal of Gynecological Pathology, 2015, 34, 281-287.	0.9	13
46	Quantitative multispectral ex vivo optical evaluation of human ovarian tissue using spatial frequency domain imaging. Biomedical Optics Express, 2018, 9, 2451.	1.5	12
47	Increased breast tissue receptor activator of nuclear factor- κ B ligand (RANKL) gene expression is associated with higher mammographic density in premenopausal women. Oncotarget, 2017, 8, 73787-73792.	0.8	12
48	Histogram analysis of en face scattering coefficient map predicts malignancy in human ovarian tissue. Journal of Biophotonics, 2019, 12, e201900115.	1.1	11
49	Tissue-based immune monitoring I. Cancer Biology and Therapy, 2011, 12, 357-366.	1.5	10
50	Clinical Outcomes among Women with Mucinous Adenocarcinoma of the Ovary. Gynecologic and Obstetric Investigation, 2016, 81, 411-415.	0.7	10
51	Endometrial adenocarcinoma in the setting of a germline DICER1 mutation: A case report. Gynecologic Oncology Reports, 2017, 20, 121-124.	0.3	10
52	Detection of a somatic GREB1-NCOA1 gene fusion in a uterine tumor resembling ovarian sex cord tumor (UTROSCT). Gynecologic Oncology Reports, 2020, 34, 100636.	0.3	10
53	Diagnostic yield of targeted next generation sequencing in various cancer types: An information-theoretic approach. Cancer Genetics, 2015, 208, 441-447.	0.2	9
54	The presence of an endometrioid component does not alter the clinicopathologic profile or survival of patients with uterine serous cancer: A gynecologic oncology group (GOG/NRG) study of 934 women. Gynecologic Oncology, 2021, 160, 660-668.	0.6	9

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55	Early Assessment Window for Predicting Breast Cancer Neoadjuvant Therapy using Biomarkers, Ultrasound, and Diffuse Optical Tomography. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 615-630.	1.1	8
56	Clinical Decision Support for Ovarian Carcinoma Subtype Classification: A Pilot Observer Study With Pathology Trainees. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 869-877.	1.2	7
57	Retroperitoneal Dedifferentiated Liposarcoma. <i>American Journal of Clinical Pathology</i> , 2021, 156, 920-925.	0.4	7
58	E2F8 is a nonreceptor activator of heterotrimeric G proteins. <i>Journal of Molecular Signaling</i> , 2007, 2, 3.	0.5	6
59	Osteolipoma of the knee. <i>Radiology Case Reports</i> , 2017, 12, 124-129.	0.2	6
60	Maternal obesogenic diet induces endometrial hyperplasia, an early hallmark of endometrial cancer, in a diethylstilbestrol mouse model. <i>PLoS ONE</i> , 2018, 13, e0186390.	1.1	6
61	Multiple Myeloma Presenting as Massive Amyloid Deposition in a Parathyroid Gland Associated with Amyloid Goiter: A Medullary Thyroid Carcinoma Mimic on Intra-operative Frozen Section. <i>Head and Neck Pathology</i> , 2018, 12, 269-273.	1.3	5
62	Prospective assessment of the clinical benefit of a tailored cancer gene set built on a next-generation sequencing platform in patients with recurrent or metastatic head and neck cancer. <i>Medical Oncology</i> , 2020, 37, 12.	1.2	5
63	Identification of novel ALK rearrangements in gynecologic clear cell carcinoma. <i>International Journal of Cancer</i> , 2021, 148, 459-468.	2.3	5
64	Pathologist Concordance for Ovarian Carcinoma Subtype Classification and Identification of Relevant Histologic Features Using Microscope and Whole Slide Imaging. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 1516-1525.	1.2	5
65	Malignant Phyllodes Tumor: Imaging Features With Histopathologic Correlation. <i>Journal of Breast Imaging</i> , 2021, 3, 703-711.	0.5	5
66	Prospective assessment of adjunctive ultrasound-guided diffuse optical tomography in women undergoing breast biopsy: Impact on BI-RADS assessments. <i>European Journal of Radiology</i> , 2021, 145, 110029.	1.2	5
67	Comparison of the retinitis pigmentosa mutations in rhodopsin with a functional map of the C5a receptor. <i>Vision Research</i> , 2006, 46, 4519-4531.	0.7	4
68	Basaloid Squamous Cell Carcinoma Arising of the Renal Pelvis. <i>International Journal of Surgical Pathology</i> , 2008, 16, 199-201.	0.4	4
69	Clinical Targeted Next-Generation Sequencing Shows Increased Mutational Load in Endometrioid-type Endometrial Adenocarcinoma With Deficient DNA Mismatch Repair. <i>International Journal of Gynecological Pathology</i> , 2018, 37, 581-589.	0.9	4
70	In-laboratory breast specimen radiography reduces tissue block utilization and improves turnaround time of pathologic examination. <i>BMC Medical Imaging</i> , 2021, 21, 59.	1.4	3
71	Cervical clear cell adenocarcinoma with an exceptionally low proliferation index: Report of a case. <i>Gynecologic Oncology Reports</i> , 2018, 23, 16-19.	0.3	2
72	p16 Immunohistochemistry Is Not Always Required For Accurate Diagnosis of Grade 2 Squamous Intraepithelial Lesions. <i>Journal of Lower Genital Tract Disease</i> , 2018, 22, 104-109.	0.9	2

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73	Pathologic findings in fallopian tubes of women with chronic pelvic pain after Essure placement. <i>Contraception</i> , 2020, 102, 133-136.	0.8	2
74	Seminoma Presenting as Renal Mass, Inferior Vena Caval Thrombus, and Regressed Testicular Mass. <i>Case Reports in Urology</i> , 2015, 2015, 1-4.	0.1	1
75	Sequence Now, Later, or Never?. <i>Clinical Chemistry</i> , 2020, 66, 883-885.	1.5	0
76	Advancing Fellowship Training in Selective Pathology. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 501-506.	1.2	0
77	GAS6 inhibition induces platinum sensitivity through increased replication stress in ovarian cancer. <i>Gynecologic Oncology</i> , 2021, 162, S40.	0.6	0
78	E2F8 is an activator of heterotrimeric G proteins. <i>FASEB Journal</i> , 2006, 20, A935.	0.2	0
79	Abstract 3968: Ovarian cancer chemokine microenvironment is conducive to homing of CD3/CD28 co-stimulated T cells prepared for adoptive transfer therapy.. , 2013, , .		0
80	Abstract LB-109: Exome sequencing identifies common somatic mutations in an adult patient with a concurrent germ cell tumor (GCT) and acute myeloid leukemia (AML) suggesting a single clonal origin. , 2015, , .		0
81	Abstract 3847: Oral cavity squamous cell carcinoma xenografts display conservation of primary tumor genomic heterogeneity. , 2017, , .		0
82	3D visualization of the ovarian tissue scattering coefficient with swept-source optical coherence tomography. , 2018, , .		0
83	OUP accepted manuscript. <i>Clinical Chemistry</i> , 2021, , .	1.5	0
84	A careful look at community CPR training. <i>Missouri Medicine</i> , 2007, 104, 481-4.	0.3	0
85	Aberrant connexin 43 and 26 expression in cervical dysplasia. , 2012, 34, 28-40.		0
86	Prospective Assessment of Adjunctive Ultrasound-Guided Diffuse Optical Tomography in Women Undergoing Breast Biopsy: Impact on BI-RADS Assessments. , 2022, , .		0