

Jonathan L Hecht

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114 papers	6,053 citations	40 h-index	76 g-index
119 ext. papers	7,248 ext. citations	6.1 avg, IF	5.56 L-index

#	Paper	IF	Citations
114	Prospective Analyses of Lifestyle Factors Related to Energy Balance and Ovarian Cancer Risk by Infiltration of Tumor-Associated Macrophages. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 920-926	4	
113	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021 , 595, 107-113	50.4	124
112	Activation of classical and alternative complement pathways in the pathogenesis of lung injury in COVID-19. <i>Clinical Immunology</i> , 2021 , 226, 108716	9	17
111	Impact of a Modified HistoGel Method for Processing Endocervical Curettage Specimens on Diagnostic Yield. <i>American Journal of Clinical Pathology</i> , 2021 , 155, 141-147	1.9	0
110	Perinatal diagnosis of placenta accreta spectrum disorders in the twenty-first century: visual inspection at birth is not enough. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 328	3.7	0
109	Feasibility and safety of ultrasound-guided minimally invasive autopsy in COVID-19 patients. <i>Abdominal Radiology</i> , 2021 , 46, 1263-1271	3	18
108	Bacillus Calmette-Guerin (BCG) vaccination to treat endometriosis. <i>Vaccine</i> , 2021 , 39, 7353-7356	4.1	1
107	Complement activation and increased expression of Syk, mucin-1 and CaMK4 in kidneys of patients with COVID-19. <i>Clinical Immunology</i> , 2021 , 229, 108795	9	3
106	Metastatic Castration-Resistant Prostate Cancer Remains Dependent on Oncogenic Drivers Found in Primary Tumors. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	2
105	Limited TCR repertoire and dysregulation mark late-stage COVID-19. <i>IScience</i> , 2021 , 24, 103205	6.1	6
104	Special Report of the Society for Maternal-Fetal Medicine Placenta Accreta Spectrum Ultrasound Marker Task Force: Consensus on definition of markers and approach to the ultrasound examination in pregnancies at risk for placenta accreta spectrum. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 224, B2-B14	6.4	24
103	Searching for Placenta Percreta: A prospective cohort and systematic review of case reports.. <i>American Journal of Obstetrics and Gynecology</i> , 2021 ,	6.4	4
102	Histologic chorioamnionitis and risk of neurodevelopmental impairment at age 10 years among extremely preterm infants born before 28 weeks of gestation. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 745.e1-745.e10	6.4	17
101	Classification and reporting guidelines for the pathology diagnosis of placenta accreta spectrum (PAS) disorders: recommendations from an expert panel. <i>Modern Pathology</i> , 2020 , 33, 2382-2396	9.8	30
100	Genomic profiling of BCOR-rearranged uterine sarcomas reveals novel gene fusion partners, frequent CDK4 amplification and CDKN2A loss. <i>Gynecologic Oncology</i> , 2020 , 157, 357-366	4.9	17
99	Immune cell infiltrate at the utero-placental interface is altered in placenta accreta spectrum disorders. <i>Archives of Gynecology and Obstetrics</i> , 2020 , 301, 499-507	2.5	4
98	Placenta accreta spectrum: biomarker discovery using plasma proteomics. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 433.e1-433.e14	6.4	17

97	Vascular Disease and Thrombosis in SARS-CoV-2-Infected Rhesus Macaques. <i>Cell</i> , 2020 , 183, 1354-1366.e132	108
96	Estrogen Receptor- α Expression of Ovarian Tumors and Its Association with Ovarian Cancer Risk Factors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2211-2219	4 2
95	Pregnancy-associated changes in cervical noncoding RNA. <i>Epigenomics</i> , 2020 , 12, 1013-1025	4.4 2
94	Simple Adnexal Cysts: SRU Consensus Conference Update on Follow-up and Reporting. <i>Radiology</i> , 2019 , 293, 359-371	20.5 22
93	SMARCA4 inactivation defines a subset of undifferentiated uterine sarcomas with rhabdoid and small cell features and germline mutation association. <i>Modern Pathology</i> , 2019 , 32, 1675-1687	9.8 38
92	Pathologic Prognostic Factors in Endometrial Carcinoma (Other Than Tumor Type and Grade). <i>International Journal of Gynecological Pathology</i> , 2019 , 38 Suppl 1, S93-S113	3.2 50
91	Assessment of a Chemotherapy Response Score (CRS) System for Tubo-Ovarian High-Grade Serous Carcinoma (HGSC). <i>International Journal of Gynecological Pathology</i> , 2019 , 38, 230-240	3.2 25
90	Hemorrhagic morbidity in placenta accreta spectrum with and without placenta previa. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 300, 1601-1606	2.5 5
89	Endometrial Carcinoma, Grossing and Processing Issues: Recommendations of the International Society of Gynecologic Pathologists. <i>International Journal of Gynecological Pathology</i> , 2019 , 38 Suppl 1, S9-S24	3.2 31
88	Targeted Molecular and Immunohistochemical Analyses of Endometrial Clear Cell Carcinoma Show that POLE Mutations and DNA Mismatch Repair Protein Deficiencies Are Uncommon. <i>American Journal of Surgical Pathology</i> , 2019 , 43, 531-537	6.7 15
87	A Desmoid Tumor Involving the Subscapularis Muscle: A Case Report. <i>JBJS Case Connector</i> , 2019 , 9, e3	0.4 0
86	Persistent amnion-chorion membrane separation. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019 , 45, 352-357	1.9 3
85	Fatal Hemoptysis After Closure of Gastrobronchial Fistula Using an Amplatzer Vascular Device. <i>Annals of Thoracic Surgery</i> , 2018 , 105, e71-e73	2.7 3
84	Fetal Neuropathology in Zika Virus-Infected Pregnant Female Rhesus Monkeys. <i>Cell</i> , 2018 , 173, 1111-1127.e10	77
83	The significance of L1CAM expression in clear cell carcinoma of the endometrium. <i>Histopathology</i> , 2018 , 72, 532-538	7.3 4
82	Long noncoding RNA expression in the cervix mid-pregnancy is associated with the length of gestation at delivery. <i>Epigenetics</i> , 2018 , 13, 742-750	5.7 9
81	Inter-pathologist and pathology report agreement for ovarian tumor characteristics in the NursesT Health Studies. <i>Gynecologic Oncology</i> , 2018 , 150, 521-526	4.9 10
80	Sodium Channel SCN3A (Na1.3) Regulation of Human Cerebral Cortical Folding and Oral Motor Development. <i>Neuron</i> , 2018 , 99, 905-913.e7	13.9 64

79	Lifestyle and Reproductive Factors and Ovarian Cancer Risk by p53 and MAPK Expression. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 96-102	4	7
78	Discordant loss of mismatch repair proteins in advanced endometrial endometrioid carcinoma compared to paired primary uterine tumors. <i>Gynecologic Oncology</i> , 2018 , 151, 401-406	4.9	17
77	Anti-Inflammatory Drug Use and Ovarian Cancer Risk by COX1/COX2 Expression and Infiltration of Tumor-Associated Macrophages. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 1509-1517	4	7
76	Assessing Pelvic Epithelial Cancer Risk and Intercepting Early Malignancy 2018 , 844-864		
75	Placental soluble fms-like tyrosine kinase expression in small for gestational age infants and risk for adverse outcomes. <i>Placenta</i> , 2017 , 52, 10-16	3.4	7
74	Down-regulation of soluble fms-like tyrosine kinase 1 expression in invasive placentation. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 257-262	2.5	12
73	The pathology of eclampsia: An autopsy series. <i>Hypertension in Pregnancy</i> , 2017 , 36, 259-268	2	19
72	Revisiting decidual vasculopathy. <i>Placenta</i> , 2016 , 42, 37-43	3.4	33
71	Hysterectomy for placenta accreta; methods for gross and microscopic pathology examination. <i>Archives of Gynecology and Obstetrics</i> , 2016 , 293, 951-8	2.5	40
70	Targeted Screening With Combined Age- and Morphology-Based Criteria Enriches Detection of Lynch Syndrome in Endometrial Cancer. <i>International Journal of Surgical Pathology</i> , 2016 , 24, 297-305	1.2	12
69	Global hypermethylation in fetal cortex of Down syndrome due to DNMT3L overexpression. <i>Human Molecular Genetics</i> , 2016 , 25, 1714-27	5.6	36
68	The association between reproductive and hormonal factors and ovarian cancer by estrogen- and progesterone receptor status. <i>Gynecologic Oncology</i> , 2016 , 143, 628-635	4.9	11
67	Antenatal and early postnatal antecedents of parent-reported attention problems at 2 years of age. <i>Journal of Pediatrics</i> , 2015 , 166, 20-5	3.6	12
66	Single-cell analysis reveals transcriptional heterogeneity of neural progenitors in human cortex. <i>Nature Neuroscience</i> , 2015 , 18, 637-46	25.5	195
65	Excess placental secreted frizzled-related protein 1 in maternal smokers impairs fetal growth. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4021-5	15.9	15
64	Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. <i>Hypertension in Pregnancy</i> , 2014 , 33, 427-39	2	28
63	Frequent expression of napsin A in clear cell carcinoma of the endometrium: potential diagnostic utility. <i>American Journal of Surgical Pathology</i> , 2014 , 38, 189-96	6.7	77
62	Filamin B regulates chondrocyte proliferation and differentiation through Cdk1 signaling. <i>PLoS ONE</i> , 2014 , 9, e89352	3.7	17

61	Ovarian cancer risk factors by tumor dominance, a surrogate for cell of origin. <i>International Journal of Cancer</i> , 2013 , 133, 730-9	7.5	17
60	The clinicopathologic significance of p53 and BAF-250a (ARID1A) expression in clear cell carcinoma of the endometrium. <i>Modern Pathology</i> , 2013 , 26, 1101-10	9.8	76
59	Value of additional level sections in the evaluation of lymph nodes for endometrial carcinoma staging. <i>American Journal of Clinical Pathology</i> , 2013 , 140, 516-8	1.9	5
58	Intestinal-type endocervical adenocarcinoma in situ: an immunophenotypically distinct subset of AIS affecting older women. <i>American Journal of Surgical Pathology</i> , 2013 , 37, 625-33	6.7	24
57	Antenatal antecedents of cognitive impairment at 24 months in extremely low gestational age newborns. <i>Pediatrics</i> , 2012 , 129, 494-502	7.4	57
56	Endometrial intraepithelial neoplasia terminology in practice: 4-year experience at a single institution. <i>International Journal of Gynecological Pathology</i> , 2012 , 31, 160-165	3.2	8
55	OLIG2 over-expression impairs proliferation of human Down syndrome neural progenitors. <i>Human Molecular Genetics</i> , 2012 , 21, 2330-40	5.6	34
54	The diagnosis of endometrial carcinomas with clear cells by gynecologic pathologists: an assessment of interobserver variability and associated morphologic features. <i>American Journal of Surgical Pathology</i> , 2012 , 36, 1107-18	6.7	62
53	Inflammation-related proteins in the blood of extremely low gestational age newborns. The contribution of inflammation to the appearance of developmental regulation. <i>Cytokine</i> , 2011 , 53, 66-73	4	76
52	Placenta microbiology and histology and the risk for severe retinopathy of prematurity 2011 , 52, 7052-8		51
51	Persistence after birth of systemic inflammation associated with umbilical cord inflammation. <i>Journal of Reproductive Immunology</i> , 2011 , 90, 235-43	4.2	45
50	Stathmin 1, a marker of PI3K pathway activation and regulator of microtubule dynamics, is expressed in early pelvic serous carcinomas. <i>Gynecologic Oncology</i> , 2011 , 123, 5-12	4.9	63
49	Keap1 mutations and Nrf2 pathway activation in epithelial ovarian cancer. <i>Cancer Research</i> , 2011 , 71, 5081-9	10.1	207
48	To count and how to count, that is the question. <i>American Journal of Clinical Pathology</i> , 2011 , 135, 480	1.9	4
47	Relationship Between Neonatal Blood Protein Concentrations and Placenta Histologic Characteristics in Extremely Low GA Newborns. <i>Pediatric Research</i> , 2011 , 69, 68-73	3.2	80
46	Myocardial parvovirus B19 persistence: lack of association with clinicopathologic phenotype in adults with heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, 71-8	7.6	51
45	S100B and APP promote a gliocentric shift and impaired neurogenesis in Down syndrome neural progenitors. <i>PLoS ONE</i> , 2011 , 6, e22126	3.7	54
44	Management of asymptomatic ovarian and other adnexal cysts imaged at US: Society of Radiologists in Ultrasound Consensus Conference Statement. <i>Radiology</i> , 2010 , 256, 943-54	20.5	222

43	Microbiologic and histologic characteristics of the extremely preterm infant's placenta predict white matter damage and later cerebral palsy. the ELGAN study. <i>Pediatric Research</i> , 2010 , 67, 95-101	3.2	146
42	Risk factors for epithelial ovarian cancer by histologic subtype. <i>American Journal of Epidemiology</i> , 2010 , 171, 45-53	3.8	151
41	Factors associated with small head circumference at birth among infants born before the 28th week. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 138.e1-8	6.4	18
40	Antenatal antecedents of a small head circumference at age 24-months post-term equivalent in a sample of infants born before the 28th post-menstrual week. <i>Early Human Development</i> , 2010 , 86, 515-21	2.2	16
39	Relationship between dietary and supplemental intake of folate, methionine, vitamin B6 and folate receptor alpha expression in ovarian tumors. <i>International Journal of Cancer</i> , 2010 , 126, 2191-8	7.5	10
38	Relationship between epidemiologic risk factors and hormone receptor expression in ovarian cancer: results from the Nurses' Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1624-30	4	21
37	Disruption of neural progenitors along the ventricular and subventricular zones in periventricular heterotopia. <i>Human Molecular Genetics</i> , 2009 , 18, 497-516	5.6	143
36	Perinatal correlates of <i>Ureaplasma urealyticum</i> in placenta parenchyma of singleton pregnancies that end before 28 weeks of gestation. <i>Pediatrics</i> , 2009 , 123, 1329-36	7.4	42
35	Do enteric neurons make hypocretin?. <i>Regulatory Peptides</i> , 2008 , 147, 1-3		23
34	Validation of tissue microarray technology in ovarian cancer: results from the Nurses' Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 3043-50	4	22
33	Genomic and functional profiling of human Down syndrome neural progenitors implicates S100B and aquaporin 4 in cell injury. <i>Human Molecular Genetics</i> , 2008 , 17, 440-57	5.6	87
32	Characterization of chorioamnionitis in 2nd-trimester C-section placentas and correlation with microorganism recovery from subamniotic tissues. <i>Pediatric and Developmental Pathology</i> , 2008 , 11, 15-22	2.2	73
31	Assessment of factors that affect the quality of performance and interpretation of sonography of adnexal masses. <i>Journal of Ultrasound in Medicine</i> , 2008 , 27, 721-8	2.9	7
30	Histological characteristics of singleton placentas delivered before the 28th week of gestation. <i>Pathology</i> , 2008 , 40, 372-6	1.6	68
29	A comparative analysis of lymphatic vessel density in ovarian serous tumors of low malignant potential (borderline tumors) with and without lymph node involvement. <i>International Journal of Gynecological Pathology</i> , 2008 , 27, 483-90	3.2	14
28	Overexpression of the α 6 β 4 integrin in endometrial cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2008 , 16, 543-7	1.9	29
27	A prospective study of dietary flavonoid intake and incidence of epithelial ovarian cancer. <i>International Journal of Cancer</i> , 2007 , 121, 2225-32	7.5	210
26	Breastfeeding and risk of ovarian cancer in two prospective cohorts. <i>Cancer Causes and Control</i> , 2007 , 18, 517-23	2.8	117

25	Impaired proliferation and migration in human Miller-Dieker neural precursors. <i>Annals of Neurology</i> , 2006 , 60, 137-44	9.4	34
24	Intake of folate and related nutrients in relation to risk of epithelial ovarian cancer. <i>American Journal of Epidemiology</i> , 2006 , 163, 1101-11	3.8	42
23	Molecular and pathologic aspects of endometrial carcinogenesis. <i>Journal of Clinical Oncology</i> , 2006 , 24, 4783-91	2.2	432
22	Neocortical neuronal arrangement in Miller Dieker syndrome. <i>Acta Neuropathologica</i> , 2006 , 111, 489-96	14.3	17
21	Monoclonal antibody MOC-31 reactivity as a marker for adenocarcinoma in cytologic preparations. <i>Cancer</i> , 2006 , 108, 56-9	6.4	14
20	Human epididymis protein 4 (HE4) is a secreted glycoprotein that is overexpressed by serous and endometrioid ovarian carcinomas. <i>Cancer Research</i> , 2005 , 65, 2162-9	10.1	399
19	Prediction of endometrial carcinoma by subjective endometrial intraepithelial neoplasia diagnosis. <i>Modern Pathology</i> , 2005 , 18, 324-30	9.8	98
18	T-bet regulates metastasis rate in a murine model of primary prostate cancer. <i>Cancer Research</i> , 2004 , 64, 452-5	10.1	34
17	Long-term follow-up after polypectomy treatment for adenoma-like dysplastic lesions in ulcerative colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2004 , 2, 534-41	6.9	210
16	A mesothelial cyst of the round ligament presenting as an inguinal hernia after gonadotropin stimulation for in vitro fertilization. <i>Fertility and Sterility</i> , 2004 , 82, 944-6	4.8	18
15	Neonatal respiratory distress syndrome as a function of gestational age and an assay for surfactant-to-albumin ratio. <i>Obstetrics and Gynecology</i> , 2004 , 103, 463-8	4.9	23
14	Vulvar acanthosis with altered differentiation: a precursor to verrucous carcinoma?. <i>American Journal of Surgical Pathology</i> , 2004 , 28, 638-43	6.7	77
13	Pancreatic fine needle aspiration. A comparison of computed tomographic and endoscopic ultrasonographic guidance. <i>Acta Cytologica</i> , 2003 , 47, 723-6	3	25
12	Lymphomas of the breast: primary and secondary involvement. <i>Cancer</i> , 2002 , 94, 6-13	6.4	164
11	Atypical glandular cells of undetermined significance in conventional cervical/vaginal smears and thin-layer preparations. <i>Cancer</i> , 2002 , 96, 1-4	6.4	21
10	The value of Wilms tumor susceptibility gene 1 in cytologic preparations as a marker for malignant mesothelioma. <i>Cancer</i> , 2002 , 96, 105-9	6.4	31
9	Fine-needle aspiration cytology of lymphoproliferative disorders in the immunosuppressed patient: the diagnostic utility of in situ hybridization for Epstein-Barr virus. <i>Diagnostic Cytopathology</i> , 2002 , 26, 360-5	1.4	11
8	WT1, estrogen receptor, and progesterone receptor as markers for breast or ovarian primary sites in metastatic adenocarcinoma to body fluids. <i>American Journal of Clinical Pathology</i> , 2002 , 117, 745-50	1.9	100

7	Atypical glandular cells of undetermined significance in conventional cervical/vaginal smears and thin-layer preparations. <i>Cancer</i> , 2002 , 96, 1-4	6.4	1
6	The value of thyroid transcription factor-1 in cytologic preparations as a marker for metastatic adenocarcinoma of lung origin. <i>American Journal of Clinical Pathology</i> , 2001 , 116, 483-8	1.9	91
5	Unusual presentations of malignancy. Case 3. Mantle-cell lymphoma of soft tissue. <i>Journal of Clinical Oncology</i> , 2001 , 19, 3291-3	2.2	1
4	Botfly infestation (<i>Dermatobia hominis</i>). <i>Archives of Pathology and Laboratory Medicine</i> , 2001 , 125, 453	5	3
3	Molecular biology of Burkitt's lymphoma. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3707-21	2.2	334
2	Electrostatic contributions to the binding free energy of the lambda cI repressor to DNA. <i>Biophysical Journal</i> , 1998 , 75, 2262-73	2.9	96
1	Salt effects on protein-DNA interactions. The lambda cI repressor and EcoRI endonuclease. <i>Journal of Molecular Biology</i> , 1994 , 238, 264-80	6.5	147