

Jonathan L Hecht

List of Publications by Year in descending order

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118
papers

8,148
citations

57758

44
h-index

51608

86
g-index

119
all docs

119
docs citations

119
times ranked

12070
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021, 595, 107-113.	27.8	537
2	Human Epididymis Protein 4 (HE4) Is a Secreted Glycoprotein that Is Overexpressed by Serous and Endometrioid Ovarian Carcinomas. <i>Cancer Research</i> , 2005, 65, 2162-2169.	0.9	484
3	Molecular and Pathologic Aspects of Endometrial Carcinogenesis. <i>Journal of Clinical Oncology</i> , 2006, 24, 4783-4791.	1.6	476
4	Molecular Biology of Burkitt's Lymphoma. <i>Journal of Clinical Oncology</i> , 2000, 18, 3707-3721.	1.6	386
5	Management of Asymptomatic Ovarian and Other Adnexal Cysts Imaged at US: Society of Radiologists in Ultrasound Consensus Conference Statement. <i>Radiology</i> , 2010, 256, 943-954.	7.3	290
6	Long-term follow-up after polypectomy treatment for adenoma-like dysplastic lesions in ulcerative colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2004, 2, 534-541.	4.4	254
7	A prospective study of dietary flavonoid intake and incidence of epithelial ovarian cancer. <i>International Journal of Cancer</i> , 2007, 121, 2225-2232.	5.1	251
8	Single-cell analysis reveals transcriptional heterogeneity of neural progenitors in human cortex. <i>Nature Neuroscience</i> , 2015, 18, 637-646.	14.8	247
9	Keap1 Mutations and Nrf2 Pathway Activation in Epithelial Ovarian Cancer. <i>Cancer Research</i> , 2011, 71, 5081-5089.	0.9	243
10	Lymphomas of the breast. <i>Cancer</i> , 2002, 94, 6-13.	4.1	197
11	Risk Factors for Epithelial Ovarian Cancer by Histologic Subtype. <i>American Journal of Epidemiology</i> , 2010, 171, 45-53.	3.4	188
12	Vascular Disease and Thrombosis in SARS-CoV-2-Infected Rhesus Macaques. <i>Cell</i> , 2020, 183, 1354-1366.e13.	28.9	184
13	Disruption of neural progenitors along the ventricular and subventricular zones in periventricular heterotopia. <i>Human Molecular Genetics</i> , 2009, 18, 497-516.	2.9	169
14	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.	2.3	167
15	Salt Effects on Protein-DNA Interactions. <i>Journal of Molecular Biology</i> , 1994, 238, 264-280.	4.2	160
16	Breastfeeding and risk of ovarian cancer in two prospective cohorts. <i>Cancer Causes and Control</i> , 2007, 18, 517-523.	1.8	142
17	Prediction of endometrial carcinoma by subjective endometrial intraepithelial neoplasia diagnosis. <i>Modern Pathology</i> , 2005, 18, 324-330.	5.5	120
18	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.	5.5	117

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19	Vulvar Acanthosis With Altered Differentiation. <i>American Journal of Surgical Pathology</i> , 2004, 28, 638-643.	3.7	113
20	Sodium Channel SCN3A (NaV1.3) Regulation of Human Cerebral Cortical Folding and Oral Motor Development. <i>Neuron</i> , 2018, 99, 905-913.e7.	8.1	109
21	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, 745-750.	0.7	107
22	Electrostatic Contributions to the Binding Free Energy of the λ CI Repressor to DNA. <i>Biophysical Journal</i> , 1998, 75, 2262-2273.	0.5	105
23	Fetal Neuropathology in Zika Virus-Infected Pregnant Female Rhesus Monkeys. <i>Cell</i> , 2018, 173, 1111-1122.e10.	28.9	104
24	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, 440-457.	2.9	101
25	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, 483-488.	0.7	99
26	Pathologic Prognostic Factors in Endometrial Carcinoma (Other Than Tumor Type and Grade). <i>International Journal of Gynecological Pathology</i> , 2019, 38, S93-S113.	1.4	99
27	Frequent Expression of Napsin A in Clear Cell Carcinoma of the Endometrium. <i>American Journal of Surgical Pathology</i> , 2014, 38, 189-196.	3.7	88
28	Relationship Between Neonatal Blood Protein Concentrations and Placenta Histologic Characteristics in Extremely Low GA Newborns. <i>Pediatric Research</i> , 2011, 69, 68-73.	2.3	87
29	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.	1.0	85
30	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.	3.2	84
31	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.	1.4	82
32	Histological characteristics of singleton placentas delivered before the 28th week of gestation. <i>Pathology</i> , 2008, 40, 372-376.	0.6	81
33	The clinicopathologic significance of p53 and BAF-250a (ARID1A) expression in clear cell carcinoma of the endometrium. <i>Modern Pathology</i> , 2013, 26, 1101-1110.	5.5	81
34	S100B and APP Promote a Gliocentric Shift and Impaired Neurogenesis in Down Syndrome Neural Progenitors. <i>PLoS ONE</i> , 2011, 6, e22126.	2.5	73
35	Special Report of the Society for Maternal-Fetal Medicine Placenta Accreta Spectrum Ultrasound Marker Task Force: Consensus 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.	1.3	71
36	The Diagnosis of Endometrial Carcinomas With Clear Cells by Gynecologic Pathologists. <i>American Journal of Surgical Pathology</i> , 2012, 36, 1107-1118.	3.7	69

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37	Placenta Microbiology and Histology and the Risk for Severe Retinopathy of Prematurity. , 2011, 52, 7052.		67
38	Antenatal Antecedents of Cognitive Impairment at 24 Months In Extremely Low Gestational Age Newborns. Pediatrics, 2012, 129, 494-502.	2.1	67
39	Myocardial Parvovirus B19 Persistence. Circulation: Heart Failure, 2011, 4, 71-78.	3.9	60
40	Hysterectomy for placenta accreta; methods for gross and microscopic pathology examination. Archives of Gynecology and Obstetrics, 2016, 293, 951-958.	1.7	56
41	SMARCA4 inactivation defines a subset of undifferentiated uterine sarcomas with rhabdoid and small cell features and germline mutation association. Modern Pathology, 2019, 32, 1675-1687.	5.5	56
42	Endometrial Carcinoma, Grossing and Processing Issues: Recommendations of the International Society of Gynecologic Pathologists. International Journal of Gynecological Pathology, 2019, 38, S9-S24.	1.4	54
43	Persistence after birth of systemic inflammation associated with umbilical cord inflammation. Journal of Reproductive Immunology, 2011, 90, 235-243.	1.9	51
44	Global hypermethylation in fetal cortex of Down syndrome due to DNMT3L overexpression. Human Molecular Genetics, 2016, 25, 1714-1727.	2.9	51
45	Perinatal Correlates of <i>Ureaplasma urealyticum</i> in Placenta Parenchyma of Singleton Pregnancies That End Before 28 Weeks of Gestation. Pediatrics, 2009, 123, 1329-1336.	2.1	48
46	Revisiting decidual vasculopathy. Placenta, 2016, 42, 37-43.	1.5	48
47	OLIG2 over-expression impairs proliferation of human Down syndrome neural progenitors. Human Molecular Genetics, 2012, 21, 2330-2340.	2.9	47
48	Simple Adnexal Cysts: SRU Consensus Conference Update on Follow-up and Reporting. Radiology, 2019, 293, 359-371.	7.3	47
49	Intake of Folate and Related Nutrients in Relation to Risk of Epithelial Ovarian Cancer. American Journal of Epidemiology, 2006, 163, 1101-1111.	3.4	45
50	Genomic profiling of BCOR-rearranged uterine sarcomas reveals novel gene fusion partners, frequent CDK4 amplification and CDKN2A loss. Gynecologic Oncology, 2020, 157, 357-366.	1.4	41
51	Placenta accreta spectrum: biomarker discovery using plasma proteomics. American Journal of Obstetrics and Gynecology, 2020, 223, 433.e1-433.e14.	1.3	41
52	Activation of classical and alternative complement pathways in the pathogenesis of lung injury in COVID-19. Clinical Immunology, 2021, 226, 108716.	3.2	41
53	Impaired proliferation and migration in human Miller-Dieker neural precursors. Annals of Neurology, 2006, 60, 137-144.	5.3	40
54	Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. Hypertension in Pregnancy, 2014, 33, 427-439.	1.1	38

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55	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.	1.3	37
56	The value of Wilms tumor susceptibility gene 1 in cytologic preparations as a marker for malignant mesothelioma. <i>Cancer</i> , 2002, 96, 105-109.	4.1	35
57	T-bet Regulates Metastasis Rate in a Murine Model of Primary Prostate Cancer. <i>Cancer Research</i> , 2004, 64, 452-455.	0.9	35
58	Overexpression of the $\alpha 2 \beta 6$ Integrin in Endometrial Cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2008, 16, 543-547.	1.2	34
59	Intestinal-type Endocervical Adenocarcinoma In Situ. <i>American Journal of Surgical Pathology</i> , 2013, 37, 625-633.	3.7	33
60	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.	1.4	33
61	Feasibility and safety of ultrasound-guided minimally invasive autopsy in COVID-19 patients. <i>Abdominal Radiology</i> , 2021, 46, 1263-1271.	2.1	33
62	Atypical glandular cells of undetermined significance in conventional cervical/vaginal smears and thin-layer preparations. <i>Cancer</i> , 2002, 96, 1-4.	4.1	31
63	The pathology of eclampsia: An autopsy series. <i>Hypertension in Pregnancy</i> , 2017, 36, 259-268.	1.1	31
64	Pancreatic Fine Needle Aspiration. <i>Acta Cytologica</i> , 2003, 47, 723-726.	1.3	30
65	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, 463-468.	2.4	28
66	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.e1-138.e8.	1.3	27
67	Filamin B Regulates Chondrocyte Proliferation and Differentiation through Cdk1 Signaling. <i>PLoS ONE</i> , 2014, 9, e89352.	2.5	27
68	Hemorrhagic morbidity in placenta accreta spectrum with and without placenta previa. <i>Archives of Gynecology and Obstetrics</i> , 2019, 300, 1601-1606.	1.7	26
69	Validation of Tissue Microarray Technology in Ovarian Cancer: Results from the Nurses' Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3043-3050.	2.5	25
70	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, 1624-1630.	2.5	25
71	Searching for placenta percreta: a prospective cohort and systematic review of case reports. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 837.e1-837.e13.	1.3	25
72	Do enteric neurons make hypocretin?. <i>Regulatory Peptides</i> , 2008, 147, 1-3.	1.9	24

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73	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.	3.7	24
74	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.	1.4	23
75	Neocortical neuronal arrangement in Miller Dieker syndrome. <i>Acta Neuropathologica</i> , 2006, 111, 489-496.	7.7	22
76	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, 944-946.	1.0	21
77	Down-regulation of soluble fms-like tyrosine kinase 1 expression in invasive placentation. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 257-262.	1.7	21
78	Ovarian cancer risk factors by tumor dominance, a surrogate for cell of origin. <i>International Journal of Cancer</i> , 2013, 133, 730-739.	5.1	18
79	Inter-pathologist and pathology report agreement for ovarian tumor characteristics in the Nurses' Health Studies. <i>Gynecologic Oncology</i> , 2018, 150, 521-526.	1.4	18
80	Excess placental secreted frizzled-related protein 1 in maternal smokers impairs fetal growth. <i>Journal of Clinical Investigation</i> , 2015, 125, 4021-4025.	8.2	18
81	Antenatal and Early Postnatal Antecedents of Parent-Reported Attention Problems at 2½ Years of Age. <i>Journal of Pediatrics</i> , 2015, 166, 20-25.e1.	1.8	17
82	Monoclonal antibody MOC-31 reactivity as a marker for adenocarcinoma in cytologic preparations. <i>Cancer</i> , 2005, 108, 56-59.	4.1	16
83	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, 515-521.	1.8	16
84	The association between reproductive and hormonal factors and ovarian cancer by estrogen- \pm and progesterone receptor status. <i>Gynecologic Oncology</i> , 2016, 143, 628-635.	1.4	16
85	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.	3.2	16
86	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, 483-490.	1.4	14
87	Relationship between dietary and supplemental intake of folate, methionine, vitamin B ₆ and folate receptor \pm expression in ovarian tumors. <i>International Journal of Cancer</i> , 2010, 126, 2191-2198.	5.1	14
88	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.	1.5	14
89	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.	2.7	14
90	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.	0.8	13

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91	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, 360-365.	1.0	12
92	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.	1.7	12
93	Limited TCR repertoire and ENTPD1 dysregulation mark late-stage COVID-19. <i>IScience</i> , 2021, 24, 103205.	4.1	12
94	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.	2.5	10
95	Fatal Hemoptysis After Closure of Gastrobronchial Fistula Using an Amplatzer Vascular Device. <i>Annals of Thoracic Surgery</i> , 2018, 105, e71-e73.	1.3	9
96	Lifestyle and Reproductive Factors and Ovarian Cancer Risk by p53 and MAPK Expression. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 96-102.	2.5	9
97	Endometrial Intraepithelial Neoplasia Terminology in Practice. <i>International Journal of Gynecological Pathology</i> , 2012, 31, 168-173.	1.4	8
98	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, 721-728.	1.7	7
99	Value of Additional Level Sections in the Evaluation of Lymph Nodes for Endometrial Carcinoma Staging. <i>American Journal of Clinical Pathology</i> , 2013, 140, 516-518.	0.7	7
100	Estrogen Receptor- β Expression of Ovarian Tumors and Its Association with Ovarian Cancer Risk Factors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2211-2219.	2.5	7
101	The Society for Pediatric Pathology Task Force grading system for placenta accreta spectrum and its correlation with clinical outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 720.e1-720.e6.	1.3	7
102	Metastatic Castration-Resistant Prostate Cancer Remains Dependent on Oncogenic Drivers Found in Primary Tumors. <i>JCO Precision Oncology</i> , 2021, 5, 1514-1522.	3.0	6
103	The significance of L1CAM expression in clear cell carcinoma of the endometrium. <i>Histopathology</i> , 2018, 72, 532-538.	2.9	5
104	Persistent amnion-chorion membrane separation. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 352-357.	1.3	5
105	Bacillus Calmette-Guérin (BCG) vaccination to treat endometriosis. <i>Vaccine</i> , 2021, 39, 7353-7356.	3.8	5
106	To Count and How to Count, That Is the Question. <i>American Journal of Clinical Pathology</i> , 2011, 135, 480-480.	0.7	4
107	Botfly Infestation (<i>Dermatobia hominis</i>). <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 453-453.	2.5	4
108	Labile Heme and Heme Oxygenase-1 Maintain Tumor-Permissive Niche for Endometriosis-Associated Ovarian Cancer. <i>Cancers</i> , 2022, 14, 2242.	3.7	4

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109	A Desmoid Tumor Involving the Subscapularis Muscle. JBJS Case Connector, 2019, 9, e3-e3.	0.3	3
110	Pregnancy-associated changes in cervical noncoding RNA. Epigenomics, 2020, 12, 1013-1025.	2.1	3
111	Impact of a Modified HistoGel Method for Processing Endocervical Curettage Specimens on Diagnostic Yield. American Journal of Clinical Pathology, 2021, 155, 141-147.	0.7	2
112	Perinatal diagnosis of placenta accreta spectrum disorders in the twenty-first century: visual inspection at birth is not enough. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 328-328.	2.3	2
113	Unusual Presentations of Malignancy. Journal of Clinical Oncology, 2001, 19, 3291-3293.	1.6	1
114	Ovarian Cystadenomas. Journal of Ultrasound in Medicine, 2021, , .	1.7	1
115	Atypical glandular cells of undetermined significance in conventional cervical/vaginal smears and thin-layer preparations. Cancer, 2002, 96, 1-4.	4.1	1
116	Assessing Pelvic Epithelial Cancer Risk and Intercepting Early Malignancy. , 2018, , 844-864.		0
117	Prospective Analyses of Lifestyle Factors Related to Energy Balance and Ovarian Cancer Risk by Infiltration of Tumor-Associated Macrophages. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 920-926.	2.5	0
118	The Sonographic Appearance of Endometrial Intraepithelial Neoplasia. Journal of Ultrasound in Medicine, 2022, 41, 1723-1737.	1.7	0