George L Mutter

List of Publications by Citations

23 papers	2,530 citations	16 h-index	25 g-index
25 ext. papers	2,769 ext. citations	8.7 avg, IF	4.12 L-index

#	Paper	IF	Citations
23	Altered PTEN expression as a diagnostic marker for the earliest endometrial precancers. *Journal of the National Cancer Institute*, **2000**, 92, 924-30	9.7	614
22	Expression of an erythroid transcription factor in megakaryocytic and mast cell lineages. *Nature*, **1990**, 344, 444-7	50.4	435
21	A compendium of gene expression in normal human tissues. *Physiological Genomics*, **2001**, 7, 97-104	3.6	321
20	The spectrum of endometrial pathology induced by progesterone receptor modulators. *Modern Pathology*, **2008**, 21, 591-8	9.8	184
19	Comparison of frozen and RNALater solid tissue storage methods for use in RNA expression microarrays. *BMC Genomics*, **2004**, 5, 88	4.5	152
18	Endometrial precancer diagnosis by histopathology, clonal analysis, and computerized morphometry. *Journal of Pathology*, **2000**, 190, 462-9	9.4	143
17	Somatic mitochondrial DNA (mtDNA) mutations in papillary thyroid carcinomas and differential mtDNA sequence variants in cases with thyroid tumours. *Oncogene*, **2000**, 19, 2060-6	9.2	142
16	Prediction of endometrial carcinoma by subjective endometrial intraepithelial neoplasia diagnosis. *Modern Pathology*, **2005**, 18, 324-30	9.8	98
15	Joint loss of PAX2 and PTEN expression in endometrial precancers and cancer. *Cancer Research*, **2010**, 70, 6225-32	10.1	92
14	Sperm processing for advanced reproductive technologies: Where are we today?. *Biotechnology Advances*, **2016**, 34, 578-587	17.8	75
13	Implementing the DICOM Standard for Digital Pathology. *Journal of Pathology Informatics*, **2018**, 9, 37	4.4	45
12	Histologic and immunohistochemical decision-making in endometrial adenocarcinoma. *Modern Pathology*, **2008**, 21, 937-42	9.8	43
11	Biopsy histomorphometry predicts uterine myoinvasion by endometrial carcinoma: a Gynecologic Oncology Group study. *Human Pathology*, **2008**, 39, 866-74	3.7	43
10	Toxicology Study of Single-walled Carbon Nanotubes and Reduced Graphene Oxide in Human Sperm. *Scientific Reports*, **2016**, 6, 30270	4.9	35
9	Sporadic microsatellite instability is specific to neoplastic and preneoplastic endometrial tissues. *American Journal of Clinical Pathology*, **2000**, 113, 576-82	1.9	34
8	Endometrial Cancer Risk Factors, Hormone Receptors, and Mortality Prediction. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 727-735	4	30
7	Template for Reporting Results of Biomarker Testing of Specimens From Patients With Carcinoma of the Endometrium. *Archives of Pathology and Laboratory Medicine*, **2017**, 141, 1508-1512	5	13

LIST OF PUBLICATIONS

6	Deciphering serous ovarian carcinoma histopathology and platinum response by convolutional neural networks. *BMC Medicine*, **2020**, 18, 236	11.4	11
5	Biomarker resolution of uterine smooth muscle tumor necrosis as benign vs malignant. *Modern Pathology*, **2015**, 28, 830-5	9.8	10
4	A New Classification of Benign, Premalignant, and Malignant Endometrial Tissues Using Machine Learning Applied to 1413 Candidate Variables. *International Journal of Gynecological Pathology*, **2020**, 39, 333-343	3.2	8
3	Computational augmentation of neoplastic endometrial glands in digital pathology displays. *Journal of Pathology*, **2021**, 253, 258-267	9.4	2
2	Endometrial Tumor Classification by Histomorphology and Biomarkers in the Nurses'Health Study. *Journal of Cancer Epidemiology*, **2021**, 2021, 8884364	2.8	0
1	Measuring Digital Pathology Throughput and Tissue Dropouts.. *Journal of Pathology Informatics*, **2022**, 13, 8	4.4	