Gerard J Nuovo

List of Publications by Year
in descending order

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98 papers	7,174 citations	117453 34 h-index	58464 82 g-index
106 all docs	106 docs citations	106 times ranked	13186 citing authors

#	Article	IF	Citations
1	A Standardization Protocol for the In Situ Detection of SARS-CoV2 RNA and Proteins. Applied Immunohistochemistry and Molecular Morphology, 2022, 30, 83-90.	0.6	7
2	The histologic and molecular correlates of liver disease in fatal COVID-19 including with alcohol use disorder. Annals of Diagnostic Pathology, 2022, 57, 151881.	0.6	11
3	MicroRNA miR-155 Activity in Mouse Choline Acetyltransferase-Positive Neurons Is Critical for the Rate of Early and Late Paraplegia After Transient Aortic Cross-Clamping. Frontiers in Molecular Neuroscience, 2022, 15, 788301.	1.4	0
4	Histologic, viral, and molecular correlates of heart disease in fatal COVID-19. Annals of Diagnostic Pathology, 2022, 60, 151983.	0.6	8
5	Useful cytological confirmation of HPV 13 in lesional mucosa enhances diagnosis of focal epithelial hyperplasia. Annals of Diagnostic Pathology, 2022, 60, 151988.	0.6	1
6	Severe COVID-19: A multifaceted viral vasculopathy syndrome. Annals of Diagnostic Pathology, 2021, 50, 151645.	0.6	76
7	The biochemical basis of in situ hybridization and immunohistochemistry. , 2021, , 49-89.		0
8	Endothelial cell damage is the central part of COVID-19 and a mouse model induced by injection of the S1 subunit of the spike protein. Annals of Diagnostic Pathology, 2021, 51, 151682.	0.6	101
9	Endovascular repair and open repair surgery of thoraco-abdominal aortic aneurysms cause drastically different types of spinal cord injury. Scientific Reports, 2021, 11, 7834.	1.6	8
10	The histologic and molecular correlates of COVID-19 vaccine-induced changes in the skin. Clinics in Dermatology, 2021, 39, 966-984.	0.8	42
11	The skin as a critical window in unveiling the pathophysiologic principles of COVID-19. Clinics in Dermatology, 2021, 39, 934-965.	0.8	23
12	Elevated Expression of MiR-17 in Microglia of Alzheimerâ€™s Disease Patients Abrogates Autophagy-Mediated Amyloid-Î² Degradation. Frontiers in Immunology, 2021, 12, 705581.	2.2	34
13	Quality control for immunohistochemistry and in situ hybridization: how to know if the color change is signal or background. , 2021, , 183-212.		0
14	Strong homology between SARS-CoV-2 envelope protein and a Mycobacterium sp. antigen allows rapid diagnosis of Mycobacterial infections and may provide specific anti-SARS-CoV-2 immunity via the BCG vaccine. Annals of Diagnostic Pathology, 2020, 48, 151600.	0.6	31
15	Rabies encephalitis presenting with new-onset refractory status epilepticus-Update. Neurology: Clinical Practice, 2020, 10, e1-e4.	0.8	1
16	Concomitant calciphylaxis and COVID-19 associated thrombotic retiform purpura. Skeletal Radiology, 2020, 49, 1879-1884.	1.2	14
17	Docked severe acute respiratory syndrome coronavirus 2 proteins within the cutaneous and subcutaneous microvasculature and their role in the pathogenesis of severe coronavirus disease 2019. Human Pathology, 2020, 106, 106-116.	1.1	29
18	Analysis of complement deposition and viral RNA in placentas of COVID-19 patients. Annals of Diagnostic Pathology, 2020, 46, 151530.	0.6	100

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19	Fatal Dengue Cases Reveal Brain Injury and Viral Replication in Brain-Resident Cells Associated with the Local Production of Pro-Inflammatory Mediators. Viruses, 2020, 12, 603.	1.5	8
20	Cytologic and molecular correlates of SARS-CoV-2 infection of the nasopharynx. Annals of Diagnostic Pathology, 2020, 48, 151565.	0.6	13
21	A broad-based approach to differentiate CIN from its mimics: The utility of in situ hybridization and immunohistochemistry. Annals of Diagnostic Pathology, 2020, 46, 151515.	0.6	1
22	Complement associated microvascular injury and thrombosis in the pathogenesis of severe COVID-19 infection: A report of five cases. Translational Research, 2020, 220, 1-13.	2.2	1,843
23	Pembrolizumab in Combination with the Oncolytic Virus Pelareorep and Chemotherapy in Patients with Advanced Pancreatic Adenocarcinoma: A Phase Ib Study. Clinical Cancer Research, 2020, 26, 71-81.	3.2	109
24	The molecular-based differentiation of Heck's disease from its mimics including oral condyloma and white sponge nevus. Annals of Diagnostic Pathology, 2019, 43, 151402.	0.6	10
25	A comparison of the detection of biomarkers in infections due to low risk versus high-risk human papillomavirus types. Annals of Diagnostic Pathology, 2019, 41, 57-61.	0.6	9
26	New biomarkers of human papillomavirus infection in epidermodysplasia verruciformis. Annals of Diagnostic Pathology, 2019, 40, 81-87.	0.6	5
27	Oncolytic immunotherapy and bortezomib synergy improves survival of refractory multiple myeloma in a preclinical model. Blood Advances, 2019, 3, 797-812.	2.5	22
28	The distribution of novel biomarkers in carcinoma-in-situ, microinvasive, and squamous cell carcinoma of the uterine cervix. Annals of Diagnostic Pathology, 2019, 38, 115-122.	0.6	27
29	Human papillomavirus infection is not involved in esophageal verrucous carcinoma. Human Pathology, 2019, 85, 50-57.	1.1	10
30	Importin-Î² and exportin-5 are indicators of acute viral infection: Correlation of their detection with commercially available detection kits. Annals of Diagnostic Pathology, 2018, 34, 36-41.	0.6	14
31	Complete and Durable Responses in Primary Central Nervous System Posttransplant Lymphoproliferative Disorder with Zidovudine, Ganciclovir, Rituximab, and Dexamethasone. Clinical Cancer Research, 2018, 24, 3273-3281.	3.2	20
32	Intravenous delivery of oncolytic reovirus to brain tumor patients immunologically primes for subsequent checkpoint blockade. Science Translational Medicine, 2018, 10, .	5.8	288
33	Loss of miR-204 expression is a key event in melanoma. Molecular Cancer, 2018, 17, 71.	7.9	25
34	microRNA 155 up regulation in the CNS is strongly correlated to Down's syndrome dementia. Annals of Diagnostic Pathology, 2018, 34, 103-109.	0.6	28
35	Oncolytic reovirus as a combined antiviral and anti-tumour agent for the treatment of liver cancer. Gut, 2018, 67, 562-573.	6.1	49
36	Importin-Î² and exportin-5 are strong biomarkers of productive reoviral infection of cancer cells. Annals of Diagnostic Pathology, 2018, 32, 28-34.	0.6	2

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37	Increased expression of importin-Î², exportin-5 and nuclear transportable proteins in Alzheimer's disease aids anatomic pathologists in its diagnosis. Annals of Diagnostic Pathology, 2018, 32, 10-16.	0.6	7
38	miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. Nature Communications, 2018, 9, 5110.	5.8	38
39	New biomarkers of human papillomavirus infection in acute cervical intraepithelial neoplasia. Annals of Diagnostic Pathology, 2018, 36, 21-27.	0.6	14
40	MiR-155 deletion reduces ischemia-induced paralysis in an aortic aneurysm repair mouse model: Utility of immunohistochemistry and histopathology in understanding etiology of spinal cord paralysis. Annals of Diagnostic Pathology, 2018, 36, 12-20.	0.6	22
41	Diagnostic pathology of Alzheimer's disease from routine microscopy to immunohistochemistry and experimental correlations. Annals of Diagnostic Pathology, 2017, 28, 24-29.	0.6	8
42	Modulation of PD-L1 and CD8 Activity in Idiopathic and Infectious Chronic Inflammatory Conditions. Applied Immunohistochemistry and Molecular Morphology, 2017, 25, 100-109.	0.6	24
43	Dengue fatal cases present virus-specific HMGB1 response in peripheral organs. Scientific Reports, 2017, 7, 16011.	1.6	22
44	Peripheral Organs of Dengue Fatal Cases Present Strong Pro-Inflammatory Response with Participation of IFN-Gamma-, TNF-Alpha- and RANTES-Producing Cells. PLoS ONE, 2016, 11, e0168973.	1.1	22
45	Evidence of disrupted high-risk human papillomavirus DNA in morphologically normal cervices of older women. Scientific Reports, 2016, 6, 20847.	1.6	19
46	False-positive results in diagnostic immunohistochemistry are related to horseradish peroxidase conjugates in commercially available assays. Annals of Diagnostic Pathology, 2016, 25, 54-59.	0.6	34
47	Histone Deacetylase Inhibitors Enhance the Therapeutic Potential of Reovirus in Multiple Myeloma. Molecular Cancer Therapeutics, 2016, 15, 830-841.	1.9	35
48	Reduced miR-512 and the Elevated Expression of Its Targets cFLIP and MCL1 Localize to Neurons With Hyperphosphorylated Tau Protein in Alzheimer Disease. Applied Immunohistochemistry and Molecular Morphology, 2015, 23, 615-623.	0.6	24
49	Enhanced expression of PD L1 in cervical intraepithelial neoplasia and cervical cancers. Modern Pathology, 2015, 28, 1594-1602.	2.9	228
50	HPV vaccines: their pathology-based discovery, benefits, and adverse effects. Annals of Diagnostic Pathology, 2015, 19, 418-422.	0.6	25
51	The Pathology of Severe Dengue in Multiple Organs of Human Fatal Cases: Histopathology, Ultrastructure and Virus Replication. PLoS ONE, 2014, 9, e83386.	1.1	165
52	Pluripotent Stem Cell miRNAs and Metastasis in Invasive Breast Cancer. Journal of the National Cancer Institute, 2014, 106, .	3.0	37
53	A Phase I Trial of Single-Agent Reolysin in Patients with Relapsed Multiple Myeloma. Clinical Cancer Research, 2014, 20, 5946-5955.	3.2	72
54	Oncolytic wild-type reovirus infection in brain tumors following intravenous administration in patients.. Journal of Clinical Oncology, 2014, 32, 3104-3104.	0.8	1

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55	Epstein-Barr Virus Kinase-Targeted Therapy for Primary Central Nervous System Post-Transplant Lymphoproliferative Disorder. Blood, 2014, 124, 1750-1750.	0.6	0
56	Reovirus-associated reduction of microRNA-let-7d is related to the increased apoptotic death of cancer cells in clinical samples. Modern Pathology, 2012, 25, 1333-1344.	2.9	48
57	Phase II Trial of Intravenous Administration of ReolysinÂ® (Reovirus Serotype-3-dearing Strain) in Patients with Metastatic Melanoma. Molecular Therapy, 2012, 20, 1998-2003.	3.7	135
58	The distribution of immunomodulatory cells in the lungs of patients with idiopathic pulmonary fibrosis. Modern Pathology, 2012, 25, 416-433.	2.9	90
59	The Fanconi Anemia Pathway Limits Human Papillomavirus Replication. Journal of Virology, 2012, 86, 8131-8138.	1.5	53
60	Cell Carriage, Delivery, and Selective Replication of an Oncolytic Virus in Tumor in Patients. Science Translational Medicine, 2012, 4, 138ra77.	5.8	142
61	MicroRNAs bind to Toll-like receptors to induce prometastatic inflammatory response. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2110-6.	3.3	1,320
62	Hedgehog Signaling Is a Novel Therapeutic Target in Tamoxifen-Resistant Breast Cancer Aberrantly Activated by PI3K/AKT Pathway. Cancer Research, 2012, 72, 5048-5059.	0.4	183
63	Anti-miR-135b in colon cancer treatment: Results from a preclinical study.. Journal of Clinical Oncology, 2012, 30, 457-457.	0.8	2
64	Degos Disease. American Journal of Clinical Pathology, 2011, 135, 599-610.	0.4	91
65	Anti-microRNA-222 (Anti-miR-222) and -181B Suppress Growth of Tamoxifen-resistant Xenografts in Mouse by Targeting TIMP3 Protein and Modulating Mitogenic Signal. Journal of Biological Chemistry, 2011, 286, 42292-42302.	1.6	96
66	In Situ Detection of Human Papillomavirus DNA After PCR-Amplification. Methods in Molecular Biology, 2011, 688, 35-46.	0.4	19
67	Successful Treatment of Primary Central Nervous System Post-Transplant Lymphoproliferative Disorder (PCNS-PTLD) with Zidovudine (AZT), Ganciclovir (GCV), Rituximab and Dexamethasone: A Single-Institution Case Series. Blood, 2011, 118, 3067-3067.	0.6	1
68	REO-10: A Phase I Study of Intravenous Reovirus and Docetaxel in Patients with Advanced Cancer. Clinical Cancer Research, 2010, 16, 5564-5572.	3.2	120
69	In situ detection of microRNAs in paraffin embedded, formalin fixed tissues and the co-localization of their putative targets. Methods, 2010, 52, 307-315.	1.9	75
70	In situ detection of mature microRNAs by labeled extension on ultramer templates. BioTechniques, 2009, 46, 115-126.	0.8	37
71	A methodology for the combined in situ analyses of the precursor and mature forms of microRNAs and correlation with their putative targets. Nature Protocols, 2009, 4, 107-115.	5.5	122
72	Epidermodysplasia verruciformisâ€“associated and genital-mucosal high-risk human papillomavirus DNA are prevalent in nevus sebaceus of Jadassohn. Journal of the American Academy of Dermatology, 2008, 59, 279-294.	0.6	51

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73	In situ detection of precursor and mature microRNAs in paraffin embedded, formalin fixed tissues and cell preparations. Methods, 2008, 44, 39-46.	1.9	111
74	Benign Metastasizing Leiomyoma of the Lung. Diagnostic Molecular Pathology, 2008, 17, 145-150.	2.1	54
75	Correlation of Pap Smear, Cervical Biopsy, and Clinical Follow-up With an HPV Typing Microarray System. Diagnostic Molecular Pathology, 2008, 17, 107-111.	2.1	8
76	The utility of in situâˆ'âˆ'based methodologies including in situ polymerase chain reaction for the diagnosis and study of viral infections. Human Pathology, 2007, 38, 1123-1136.	1.1	26
77	The surgical and cytopathology of viral infections: utility of immunohistochemistry, in situ hybridization, and in situ polymerase chain reaction amplification. Annals of Diagnostic Pathology, 2006, 10, 117-131.	0.6	20
78	Hypermethylation of the MLH1 Promoter With Concomitant Absence of Transcript and Protein Occurs in Small Patches of Crypt Cells in Unaffected Mucosa From Sporadic Colorectal Carcinoma. Diagnostic Molecular Pathology, 2006, 15, 17-23.	2.1	16
79	The Utility of Immunohistochemistry and In Situ Hybridization in Placental Pathology. Archives of Pathology and Laboratory Medicine, 2006, 130, 979-983.	1.2	19
80	Histologic, Infectious, and Molecular Correlates of Idiopathic Spontaneous Abortion and Perinatal Mortality. Diagnostic Molecular Pathology, 2005, 14, 152-158.	2.1	30
81	Molecular detection of rabies encephalitis and correlation with cytokine expression. Modern Pathology, 2005, 18, 62-67.	2.9	47
82	Methylation-Specific PCR <I>In Situ</I> Hybridization. , 2004, 287, 261-272.		3
83	Epidermodysplasia Verruciformis in Two Half Brothers with HIV Infection. Journal of Cutaneous Medicine and Surgery, 2004, 8, 357-360.	0.6	31
84	The histologic differentiation of oral condyloma acuminatum from its mimics. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 96, 420-428.	1.6	35
85	Histologic Distribution of Fatal Rotaviral Pneumonitis: An Immunohistochemical and RT In Situ PCR Analysis. Diagnostic Molecular Pathology, 2002, 11, 140-145.	2.1	13
86	Correlation of histology, viral load, and in situ viral detection in hepatic biopsies from patients with liver transplants secondary to hepatitis C infection. Human Pathology, 2002, 33, 277-284.	1.1	26
87	Oral contraceptive pills are associated with artifacts in ThinPrep Pap smears that mimic low-grade squamous intraepithelial lesions. Cancer, 2002, 99, 75-82.	2.0	11
88	The histologic spectrum of epidermodysplasia verruciformis in transplant and AIDS patients. Journal of Cutaneous Pathology, 2002, 29, 480-489.	0.7	52
89	Primary Effusion Lymphoma: Cytopathologic Diagnosis Using In Situ Molecular Genetic Analysis for Human Herpesvirus 8. Modern Pathology, 2002, 15, 944-950.	2.9	2
90	Utility of HHV8 RNA detection for differentiating Kaposi's sarcoma from its mimics. Journal of Cutaneous Pathology, 2001, 28, 248-255.	0.7	56

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91	Increased incidence of atypical Papanicolaou tests from ThinPreps of postmenopausal women receiving hormone replacement therapy. Cancer, 2001, 93, 357-363.	2.0	16
92	Co-labeling Using In Situ PCR. Journal of Histochemistry and Cytochemistry, 2001, 49, 1329-1339.	1.3	55
93	In Situ Determination of T-cell Receptor Beta Expression Patterns. Journal of Histochemistry and Cytochemistry, 2001, 49, 139-145.	1.3	10
94	The Histologic Spectrum of Epidermodysplasia Verruciformis. American Journal of Surgical Pathology, 2000, 24, 1400-1406.	2.1	70
95	The Role of Human Papillomavirus in Gynecological Diseases. Critical Reviews in Clinical Laboratory Sciences, 2000, 37, 183-215.	2.7	9
96	An Improved System for Reverse Transcriptase In Situ PCR. Journal of Histotechnology, 1995, 18, 295-299.	0.2	18
97	Human Papillomavirus Types and Recurrent Cervical Warts. JAMA - Journal of the American Medical Association, 1990, 263, 1223.	3.8	34
98	Correlation of histology with human papillomavirus DNA detection in the female genital tract. Gynecologic Oncology, 1988, 31, 176-183.	0.6	14