Famke Aeffner

List of Publications by Citations

39 papers	**1,034** citations	**17** h-index	**32** g-index
51 ext. papers	**1,417** ext. citations	**4** avg, IF	**4.44** L-index

#	Paper	IF	Citations
39	A Practical Guide to Whole Slide Imaging: A White Paper From the Digital Pathology Association. *Archives of Pathology and Laboratory Medicine*, **2019**, 143, 222-234	5	128
38	Introduction to Digital Image Analysis in Whole-slide Imaging: A White Paper from the Digital Pathology Association. *Journal of Pathology Informatics*, **2019**, 10, 9	4.4	127
37	Computational pathology definitions, best practices, and recommendations for regulatory guidance: a white paper from the Digital Pathology Association. *Journal of Pathology*, **2019**, 249, 286-294	9.4	101
36	The Gold Standard Paradox in Digital Image Analysis: Manual Versus Automated Scoring as Ground Truth. *Archives of Pathology and Laboratory Medicine*, **2017**, 141, 1267-1275	5	84
35	Quantitative paradigm for analysis of multiple subtypes of immune system cells in lung cancer tissues **2014**, 2,		78
34	Mouse Models of Acute Respiratory Distress Syndrome: A Review of Analytical Approaches, Pathologic Features, and Common Measurements. *Toxicologic Pathology*, **2015**, 43, 1074-92	2.1	73
33	Depletion of the ubiquitin-binding adaptor molecule SQSTM1/p62 from macrophages harboring cftr F508 mutation improves the delivery of Burkholderia cenocepacia to the autophagic machinery. *Journal of Biological Chemistry*, **2013**, 288, 2049-58	5.4	47
32	Double-stranded RNA induces similar pulmonary dysfunction to respiratory syncytial virus in BALB/c mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2011**, 301, L99-L109	5.8	41
31	Influenza A H1N1 induces declines in alveolar gas exchange in mice consistent with rapid post-infection progression from acute lung injury to ARDS. *Influenza and Other Respiratory Viruses*, **2013**, 7, 472-9	5.6	35
30	Activation of A1-adenosine receptors promotes leukocyte recruitment to the lung and attenuates acute lung injury in mice infected with influenza A/WSN/33 (H1N1) virus. *Journal of Virology*, **2014**, 88, 10214-27	6.6	35
29	Commentary: Roles for Pathologists in a High-throughput Image Analysis Team. *Toxicologic Pathology*, **2016**, 44, 825-34	2.1	33
28	Digital Microscopy, Image Analysis, and Virtual Slide Repository. *ILAR Journal*, **2018**, 59, 66-79	1.7	29
27	Society of Toxicologic Pathology Digital Pathology and Image Analysis Special Interest Group Article*: Opinion on the Application of Artificial Intelligence and Machine Learning to Digital Toxicologic Pathology. *Toxicologic Pathology*, **2020**, 48, 277-294	2.1	27
26	Ecto-5'-nucleotidase CD73 modulates the innate immune response to influenza infection but is not required for development of influenza-induced acute lung injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 309, L1313-22	5.8	20
25	Heterozygosity for the F508del mutation in the cystic fibrosis transmembrane conductance regulator anion channel attenuates influenza severity. *Journal of Infectious Diseases*, **2013**, 208, 780-9	7	18
24	Postinfection A77-1726 treatment improves cardiopulmonary function in H1N1 influenza-infected mice. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 47, 543-51	5.7	18
23	The PSMA-targeting Half-life Extended BiTE Therapy AMG 160 has Potent Antitumor Activity in Preclinical Models of Metastatic Castration-resistant Prostate Cancer. *Clinical Cancer Research*, **2021**, 27, 2928-2937	12.9	17

22	Respiratory syncytial virus reverses airway hyperresponsiveness to methacholine in ovalbumin-sensitized mice. *PLoS ONE*, **2012**, 7, e46660	3.7	16
21	Quantitative Image Analysis for Tissue Biomarker Use: A White Paper From the Digital Pathology Association. *Applied Immunohistochemistry and Molecular Morphology*, **2021**, 29, 479-493	1.9	11
20	Immunotherapy combinations overcome resistance to bispecific T cell engager treatment in T cell-cold solid tumors. *Science Translational Medicine*, **2021**, 13,	17.5	10
19	Quantitative assessment of pancreatic cancer precursor lesions in IHC-stained tissue with a tissue image analysis platform. *Laboratory Investigation*, **2016**, 96, 1327-1336	5.9	8
18	Developing a Qualification and Verification Strategy for Digital Tissue Image Analysis in Toxicological Pathology. *Toxicologic Pathology*, **2021**, 49, 773-783	2.1	7
17	Animal Models of Peripheral Pain: Biology Review and Application for Drug Discovery. *Toxicologic Pathology*, **2020**, 48, 202-219	2.1	7
16	The Application, Challenges, and Advancement Toward Regulatory Acceptance of Digital Toxicologic Pathology: Results of the 7th ESTP International Expert Workshop (September 20-21, 2019). *Toxicologic Pathology*, **2021**, 49, 720-737	2.1	7
15	Whole-slide imaging, tissue image analysis, and artificial intelligence in veterinary pathology: An updated introduction and review. *Veterinary Pathology*, **2021**, 3009858211040484	2.8	7
14	Imaging diagnosis--Hemorrhagic meningioma. *Veterinary Radiology and Ultrasound*, **2010**, 51, 165-7	1.2	5
13	Validation of a Muscle-Specific Tissue Image Analysis Tool for Quantitative Assessment of Dystrophin Staining in Frozen Muscle Biopsies. *Archives of Pathology and Laboratory Medicine*, **2019**, 143, 197-205	5	5
12	Osseous metaplasia within a canine insulinoma. *Veterinary Clinical Pathology*, **2014**, 43, 89-93	1	4
11	Neoplasia in the Siberian weasel (Mustela sibirica): two case reports of fibrosarcoma and interstitial cell tumour. *European Journal of Wildlife Research*, **2008**, 54, 15-20	2	4
10	A Primer for Oncoimmunology (Immunooncology). *Toxicologic Pathology*, **2017**, 45, 584-588	2.1	3
9	Pathology in Practice. Cardiac hemangiosarcoma in a snake. *Journal of the American Veterinary Medical Association*, **2016**, 248, 153-5	1	3
8	Abstract 661: Evaluating "harmonization" of PD-L1 assays using image analysis **2017**,		3
7	Pathology in practice. Congenital porphyria in a kitten. *Journal of the American Veterinary Medical Association*, **2013**, 243, 217-9	1	2
6	Abstract 4582: Evaluating benefits of PD-L1 image analysis for the clinical setting **2017**,		2
5	Preclinical Assessment of a MUC12-Targeted BiTE (Bispecific T-cell Engager) Molecule. *Molecular Cancer Therapeutics*, **2021**, 20, 1977-1987	6.1	2

4   Pathology in practice. Intestinal pythiosis in a dog. *Journal of the American Veterinary Medical Association*, **2015**, 246, 511-3   1   1

3   Scientific and Regulatory Policy Committee Brief Communication: 2019 Survey on Use of Digital Histopathology Systems in Nonclinical Toxicology Studies.. *Toxicologic Pathology*, **2022**, 19262332210846212.1   1

2   Digital Pathology and Tissue Image Analysis **2022**, 395-421

1   Scientific and Regulatory Policy Committee Points to Consider: Primary Digital Histopathology Evaluation and Peer Review for Good Laboratory Practice (GLP) Nonclinical Toxicology Studies. *Toxicologic Pathology*,019262332210992   2.1