

# Famke Aeffner

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,660  
citations

430874

18  
h-index

302126

39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational pathology definitions, best practices, and recommendations for regulatory guidance: a white paper from the Digital Pathology Association. <i>Journal of Pathology</i> , 2019, 249, 286-294.	4.5	263
2	Introduction to Digital Image Analysis in Whole-slide Imaging: A White Paper from the Digital Pathology Association. <i>Journal of Pathology Informatics</i> , 2019, 10, 9.	1.7	243
3	A Practical Guide to Whole Slide Imaging: A White Paper From the Digital Pathology Association. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 222-234.	2.5	228
4	The Gold Standard Paradox in Digital Image Analysis: Manual Versus Automated Scoring as Ground Truth. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 1267-1275.	2.5	137
5	Mouse Models of Acute Respiratory Distress Syndrome. <i>Toxicologic Pathology</i> , 2015, 43, 1074-1092.	1.8	112
6	Depletion of the Ubiquitin-binding Adaptor Molecule SQSTM1/p62 from Macrophages Harboring cfrtr P <sup>508</sup> Mutation Improves the Delivery of <i>Burkholderia cenocepacia</i> to the Autophagic Machinery. <i>Journal of Biological Chemistry</i> , 2013, 288, 2049-2058.	3.4	60
7	Double-stranded RNA induces similar pulmonary dysfunction to respiratory syncytial virus in BALB/c mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L99-L109.	2.9	50
8	Influenza A H1N1 induces declines in alveolar gas exchange in mice consistent with rapid post-infection progression from acute lung injury to ARDS. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 472-479.	3.4	45
9	Activation of A <sub>1</sub> Adenosine Receptors Promotes Leukocyte Recruitment to the Lung and Attenuates Acute Lung Injury in Mice Infected with Influenza A/WSN/33 (H1N1) Virus. <i>Journal of Virology</i> , 2014, 88, 10214-10227.	3.4	45
10	Digital Microscopy, Image Analysis, and Virtual Slide Repository. <i>ILAR Journal</i> , 2018, 59, 66-79.	1.8	45
11	Commentary. <i>Toxicologic Pathology</i> , 2016, 44, 825-834.	1.8	43
12	The PSMA-targeting Half-life Extended BiTE Therapy AMG 160 has Potent Antitumor Activity in Preclinical Models of Metastatic Castration-resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 2928-2937.	7.0	42
13	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. <i>Toxicologic Pathology</i> , 2020, 48, 277-294.	1.8	41
14	Immunotherapy combinations overcome resistance to bispecific T cell engager treatment in T cell-cold solid tumors. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	40
15	Quantitative Image Analysis for Tissue Biomarker Use: A White Paper From the Digital Pathology Association. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 479-493.	1.2	28
16	Whole-slide imaging, tissue image analysis, and artificial intelligence in veterinary pathology: An updated introduction and review. <i>Veterinary Pathology</i> , 2022, 59, 6-25.	1.7	25
17	Ecto-5 <sup>α</sup> -nucleotidase CD73 modulates the innate immune response to influenza infection but is not required for development of influenza-induced acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1313-L1322.	2.9	24
18	Postinfection A77-1726 Treatment Improves Cardiopulmonary Function in H1N1 Influenza-Infected Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 543-551.	2.9	22

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19	Animal Models of Peripheral Pain: Biology Review and Application for Drug Discovery. <i>Toxicologic Pathology</i> , 2020, 48, 202-219.	1.8	21
20	Heterozygosity for the F508del Mutation in the Cystic Fibrosis Transmembrane Conductance Regulator Anion Channel Attenuates Influenza Severity. <i>Journal of Infectious Diseases</i> , 2013, 208, 780-789.	4.0	19
21	Respiratory Syncytial Virus Reverses Airway Hyperresponsiveness to Methacholine in Ovalbumin-Sensitized Mice. <i>PLoS ONE</i> , 2012, 7, e46660.	2.5	16
22	The Application, Challenges, and Advancement Toward Regulatory Acceptance of Digital Toxicologic Pathology: Results of the 7th ESTP International Expert Workshop (September 20-21, 2019). <i>Toxicologic Pathology</i> , 2021, 49, 720-737.	1.8	13
23	Developing a Qualification and Verification Strategy for Digital Tissue Image Analysis in Toxicological Pathology. <i>Toxicologic Pathology</i> , 2021, 49, 773-783.	1.8	12
24	Validation of a Muscle-Specific Tissue Image Analysis Tool for Quantitative Assessment of Dystrophin Staining in Frozen Muscle Biopsies. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 197-205.	2.5	11
25	Quantitative assessment of pancreatic cancer precursor lesions in IHC-stained tissue with a tissue image analysis platform. <i>Laboratory Investigation</i> , 2016, 96, 1327-1336.	3.7	9
26	IMAGING DIAGNOSIS-HEMORRHAGIC MENINGIOMA. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 165-7.	0.9	7
27	Whole-Slide Imaging: The Future Is Here. <i>Veterinary Pathology</i> , 2018, 55, 488-489.	1.7	7
28	Special Issue on Digital Pathology, Tissue Image Analysis, Artificial Intelligence, and Machine Learning: Approximation of the Effect of Novel Technologies on Toxicologic Pathology. <i>Toxicologic Pathology</i> , 2021, 49, 705-708.	1.8	7
29	Osseous metaplasia within a canine insulinoma. <i>Veterinary Clinical Pathology</i> , 2014, 43, 89-93.	0.7	6
30	Preclinical Assessment of a MUC12-Targeted BiTE (Bispecific T-cell Engager) Molecule. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1977-1987.	4.1	5
31	Neoplasia in the Siberian weasel ( <i>Mustela sibirica</i> ): two case reports of fibrosarcoma and interstitial cell tumour. <i>European Journal of Wildlife Research</i> , 2008, 54, 15-20.	1.4	4
32	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2013, 243, 217-219.	0.5	4
33	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2016, 248, 153-155.	0.5	4
34	A Primer for Oncoimmunology (Immunooncology). <i>Toxicologic Pathology</i> , 2017, 45, 584-588.	1.8	4
35	Abstract 4582: Evaluating benefits of PD-L1 image analysis for the clinical setting. <i>Cancer Research</i> , 2017, 77, 4582-4582.	0.9	3
36	Abstract 661: Evaluating "harmonization" of PD-L1 assays using image analysis. <i>Cancer Research</i> , 2017, 77, 661-661.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Scientific and Regulatory Policy Committee Brief Communication: 2019 Survey on Use of Digital Histopathology Systems in Nonclinical Toxicology Studies. <i>Toxicologic Pathology</i> , 2022, 50, 397-401.	1.8	3
38	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2015, 246, 511-513.	0.5	1
39	Quantification of dystrophin to assess the effects of dystrophin-restoring treatments in Duchenne muscular dystrophy: Lessons from the development of eteplirsen. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e93-e94.	1.6	1
40	Abstract 1710: Providing confidence around computational tissue analysis using heterogeneity assessments. , 2017, , .		1
41	Scientific and Regulatory Policy Committee Points to Consider: Primary Digital Histopathology Evaluation and Peer Review for Good Laboratory Practice (GLP) Nonclinical Toxicology Studies. <i>Toxicologic Pathology</i> , 0, , 019262332210992.	1.8	1
42	Aerosolized Nucleotide Synthesis Inhibitor Therapy For Influenza A (H1N1) Infection In Mice. , 2011, , .		0
43	Role Of CD73 In Pathogenesis Of Influenza A (H1N1) Infection In Mice. , 2011, , .		0
44	Quantitative paradigm for analysis of multiple subtypes of immune system cells in lung cancer tissues. , 2014, 2, .		0
45	Abstract C108: Quantifying PD-L1 spatial distribution signatures for patient selection approaches. , 2015, , .		0
46	Abstract C109: Quantitative analysis of multiple subtypes of immune system cells in cancer tissues. , 2015, , .		0
47	Abstract 2225: Image analysis-based PD-L1 companion and complementary diagnostics. , 2016, , .		0
48	Abstract 4162: Identifying T lymphocytes in IHC-stained tissues independently of CD3+ staining using morphometric features extracted by image analysis. , 2016, , .		0
49	Abstract 1674: Quantifying tumor-infiltrating leukocytes in hematoxylin stained NSCLC tissue samples using morphometric features. , 2017, , .		0
50	Digital Pathology and Tissue Image Analysis. , 2022, , 395-421.		0