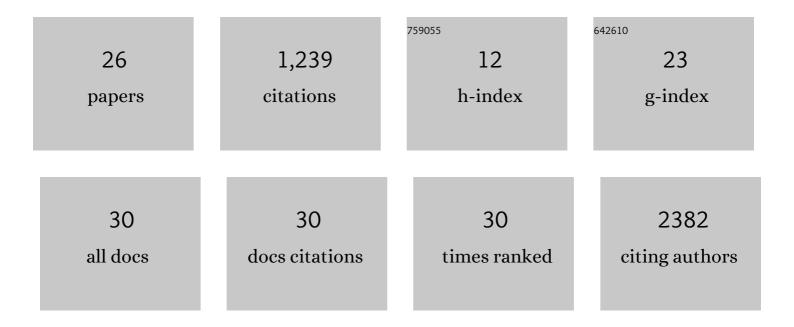
## Frederik Groà Ärü schkamp

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2735033/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Lewy pathology in Parkinson's disease consists of crowded organelles and lipid membranes. Nature Neuroscience, 2019, 22, 1099-1109.	7.1	604
2	Immunohistochemistry, histopathology and infrared spectral histopathology of colon cancer tissue sections. Journal of Biophotonics, 2013, 6, 88-100.	1.1	101
3	Marker-free automated histopathological annotation of lung tumour subtypes by FTIR imaging. Analyst, The, 2015, 140, 2114-2120.	1.7	95
4	Quantum Cascade Laser-Based Infrared Microscopy for Label-Free and Automated Cancer Classification in Tissue Sections. Scientific Reports, 2018, 8, 7717.	1.6	72
5	Label-free classification of colon cancer grading using infrared spectral histopathology. Faraday Discussions, 2016, 187, 105-118.	1.6	56
6	Spatial and molecular resolution of diffuse malignant mesothelioma heterogeneity by integrating label-free FTIR imaging, laser capture microdissection and proteomics. Scientific Reports, 2017, 7, 44829.	1.6	49
7	Label-free vibrational imaging of different Aβ plaque types in Alzheimer's disease reveals sequential events in plaque development. Acta Neuropathologica Communications, 2020, 8, 222.	2.4	40
8	Integrated Fourier Transform Infrared Imaging and Proteomics for Identification of a Candidate Histochemical Biomarker in Bladder Cancer. American Journal of Pathology, 2019, 189, 619-631.	1.9	39
9	An openâ€source code for Mie extinction extended multiplicative signal correction for infrared microscopy spectra of cells and tissues. Journal of Biophotonics, 2019, 12, e201800415.	1.1	28
10	Specific Substates of Ras To Interact with GAPs and Effectors: Revealed by Theoretical Simulations and FTIR Experiments. Journal of Physical Chemistry Letters, 2018, 9, 1312-1317.	2.1	23
11	Deep representation learning for domain adaptable classification of infrared spectral imaging data. Bioinformatics, 2020, 36, 287-294.	1.8	19
12	A method for the comparison of multi-platform spectral histopathology (SHP) data sets. Analyst, The, 2015, 140, 2465-2472.	1.7	17
13	Label-free, automated classification of microsatellite status in colorectal cancer by infrared imaging. Scientific Reports, 2020, 10, 10161.	1.6	13
14	Fully automated registration of vibrational microspectroscopic images in histologically stained tissue sections. BMC Bioinformatics, 2015, 16, 396.	1.2	9
15	Clinical application of infrared fibre-optic probes for the discrimination of colorectal cancer tissues and cancer grades. Vibrational Spectroscopy, 2017, 91, 99-110.	1.2	9
16	Similarity maps and hierarchical clustering for annotating FT-IR spectral images. BMC Bioinformatics, 2013, 14, 333.	1.2	8
17	Grayscale representation of infrared microscopy images by extended multiplicative signal correction for registration with histological images. Journal of Biophotonics, 2020, 13, e201960223.	1.1	8
18	Quantum Cascade Laser-Based Infrared Imaging as a Label-Free and Automated Approach to Determine Mutations in Lung Adenocarcinoma. American Journal of Pathology, 2021, 191, 1269-1280.	1.9	7

#	Article	IF	CITATIONS
19	Labelâ€free identification of myopathological features with coherent anti‣tokes Raman scattering. Muscle and Nerve, 2018, 58, 456-459.	1.0	6
20	Label-free digital pathology by infrared imaging. Biomedical Spectroscopy and Imaging, 2020, 9, 5-12.	1.2	4
21	Advances in Digital Pathology: From Artificial Intelligence to Label-Free Imaging. Visceral Medicine, 2021, 37, 482-490.	0.5	4
22	A representation learning approach for recovering scatterâ€corrected spectra from Fourierâ€transform infrared spectra of tissue samples. Journal of Biophotonics, 2021, 14, e202000385.	1.1	3
23	Application of Label-Free for Quantitative Analysis of Urothelial Carcinoma and Tissue. Methods in Molecular Biology, 2021, 2228, 283-292.	0.4	1
24	Vibrational spectroscopy for label-free cancer detection. SPIE Newsroom, 0, , .	0.1	1
25	Investigating Aβ plaque development using FTIR microâ€spectroscopy on native postmortem human brain tissue. Alzheimer's and Dementia, 2020, 16, e043289.	0.4	0
26	Label-free and automated approach to rapidly classify microsatellite instability (MSI) in early colon cancer (CC) analyzing the AIO ColoPredictPlus 2.0 (CPP) registry trial Journal of Clinical Oncology, 2022, 40, 3616-3616.	0.8	0

3