Johannes Pallua

List of Publications by Year
in descending order

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43	778	566801 15	552369 26
papers	citations	h-index	g-index

45	45	45	960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Placebo-Related Adverse Events in Rheumatoid Arthritis. Biomolecules, 2022, 12, 303.	1.8	0
2	Visible and Near-Infrared hyperspectral imaging (HSI) can reliably quantify CD3 and CD45 positive inflammatory cells in myocarditis: Pilot study on formalin-fixed paraffin-embedded specimens from myocard obtained during autopsy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 274, 121092.	2.0	3
3	Radiographic and clinical outcome of tibial plateau fractures treated with bone allograft. Archives of Orthopaedic and Trauma Surgery, 2022, , 1.	1.3	3
4	Post-Mortem Interval of Human Skeletal Remains Estimated with Handheld NIR Spectrometry. Biology, 2022, 11, 1020.	1.3	7
5	Hyperspectral imaging as a diagnostic tool to differentiate between amalgam tattoos and other dark pigmented intraoral lesions. Journal of Biophotonics, 2021, 14, e202000424.	1.1	4
6	Evaluation of DNA Extraction Methods Developed for Forensic and Ancient DNA Applications Using Bone Samples of Different Age. Genes, 2021, 12, 146.	1.0	32
7	High expression of mTOR signaling in granulomatous lesions is not predictive for the clinical course of sarcoidosis. Respiratory Medicine, 2021, 177, 106294.	1.3	10
8	Mechanical and Morphological Assessment of an Innovative Textile for Patient Positioning Applications: Comparison to Two Standard Bandage Systems. Materials, 2021, 14, 1508.	1.3	1
9	Tissue characterization of the medical fungus Hericium coralloides by focus-variation microscopy. Mycologia, 2021, 113, 868-875.	0.8	1
10	Application of midâ€infrared microscopic imaging for the diagnosis and classification of human lymphomas. Journal of Biophotonics, 2021, 14, e202100079.	1.1	7
11	New perspectives of hyperspectral imaging for clinical research. NIR News, 2021, 32, 5-13.	1.6	13
12	Identification of Five Quality Needs for Rheumatology (Text Analysis and Literature Review). Frontiers in Medicine, 2021, 8, 757102.	1.2	3
13	Visible and near-infrared hyperspectral imaging techniques allow the reliable quantification of prognostic markers in lymphomas: A pilot study using the Ki67 proliferation index as an example. Experimental Hematology, 2020, 91, 55-64.	0.2	8
14	The future of pathology is digital. Pathology Research and Practice, 2020, 216, 153040.	1.0	65
15	Comparison of structure and composition of a fossil Champsosaurus vertebra with modern Crocodylidae vertebrae: A multi-instrumental approach. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103668.	1.5	0
16	Cryptic species of Aspergillus section Terrei display essential physiological features to cause infection and are similar in their virulence potential in Galleria mellonella. Virulence, 2019, 10, 542-554.	1.8	14
17	Evaluation of a Novel Mitochondrial Pan-Mucorales Marker for the Detection, Identification, Quantification, and Growth Stage Determination of Mucormycetes. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.0	10
18	Generation of A Mucor circinelloides Reporter Strainâ€"A Promising New Tool to Study Antifungal Drug Efficacy and Mucormycosis. Genes, 2018, 9, 613.	1.0	16

#	Article	IF	Citations
19	Clinical infrared microscopic imaging: An overview. Pathology Research and Practice, 2018, 214, 1532-1538.	1.0	11
20	Retrospective case study on the suitability of mid-infrared microscopic imaging for the diagnosis of mucormycosis in human tissue sections. Analytical Methods, 2017, 9, 4135-4142.	1.3	4
21	Assessing various Infrared (IR) microscopic imaging techniques for post-mortem interval evaluation of human skeletal remains. PLoS ONE, 2017, 12, e0174552.	1.1	48
22	Application of mid-infrared (MIR) microscopy imaging for discrimination between follicular hyperplasia and follicular lymphoma in transgenic mice. Analyst, The, 2015, 140, 6363-6372.	1.7	7
23	Post-mortem interval estimation of human skeletal remains by micro-computed tomography, mid-infrared microscopic imaging and energy dispersive X-ray mapping. Analytical Methods, 2015, 7, 2917-2927.	1.3	42
24	Application of micro-computed tomography to microstructure studies of the medicinal fungus Hericium coralloides. Mycologia, 2015, 107, 227-238.	0.8	3
25	Application of 3-D surface reconstruction by mid- and near-infrared microscopic imaging for anatomical studies on Hericium coralloides basidiomata. Analytical Methods, 2014, 6, 1149-1157.	1.3	6
26	Simultaneous quantification of verbenalin and verbascoside in Verbena officinalis by ATR-IR and NIR spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2013, 84, 97-102.	1.4	52
27	MALDI-MS tissue imaging identification of biliverdin reductase B overexpression in prostate cancer. Journal of Proteomics, 2013, 91, 500-514.	1.2	45
28	Comparison of NIR chemical imaging with conventional NIR, Raman and ATR-IR spectroscopy for quantification of furosemide crystal polymorphs in ternary powder mixtures. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 616-625.	2.0	48
29	A chromatographic and spectroscopic analytical platform for the characterization of St John's wort extract adulterations. Analytical Methods, 2013, 5, 616-628.	1.3	31
30	Advanced Vibrational Spectroscopic Imaging of Human Tissue in Life Science. Current Proteomics, 2012, 9, 132-142.	0.1	13
31	Role of Infrared Spectroscopy in Proteomics and Subsequently the Biomarker Analysis. Current Proteomics, 2012, 9, 118-131.	0.1	0
32	Near Infrared Spectroscopy Patents for the Physicochemical Characterization of Nanomaterials: The Road from Production to Routine High-Throughput Quality Control. Recent Patents on Nanotechnology, 2012, 6, 135-141.	0.7	5
33	Morphological and tissue characterization of the medicinal fungus Hericium coralloides by a structural and molecular imaging platform. Analyst, The, 2012, 137, 1584-1595.	1.7	37
34	Fourier transform infrared imaging analysis in discrimination studies of squamous cell carcinoma. Analyst, The, 2012, 137, 3965.	1.7	58
35	Fourier transform infrared imaging analysis in discrimination studies of St. John's wort (Hypericum) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	22
36	Near-Infrared Imaging Spectroscopy as a Tool to Discriminate Two Cryptic Tetramorium Ant Species. Journal of Chemical Ecology, 2011, 37, 549-552.	0.9	20

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37	Application of Near-Infrared Spectroscopy (NIRS) as a Tool for Quality Control in Traditional Chinese Medicine (TCM). Current Bioactive Compounds, 2011, 7, 75-84.	0.2	12
38	Role of Infrared Spectroscopy in Medicinal Plants Research in Pakistan. Current Bioactive Compounds, 2011, 7, 85-92.	0.2	0
39	Advances of Infrared Spectroscopic Imaging and Mapping Technologies of Plant Material. Current Bioactive Compounds, 2011, 7, 106-117.	0.2	16
40	A Workflow for Preprocessing and Proteomic Biomarker Identification on Mass-Spectrometry Data. , 2011, , .		0
41	Infrared-Spectroscopy: A Non-Invasive Tool for Medical Diagnostics and Drug Analysis. Current Medicinal Chemistry, 2010, 17, 2956-2966.	1.2	6
42	Characterization of normal and malignant prostate tissue by Fourier transform infrared microspectroscopy. Molecular BioSystems, 2010, 6, 2287.	2.9	49
43	Development and Application of Fourier-Transform Infrared Chemical Imaging of Tumour in Human Tissue. Current Medicinal Chemistry, 2009, 16, 318-326.	1.2	36