

Kornelia Aach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1599777/publications.pdf>

Version: 2024-02-01

19
papers

253
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	The classification of lung cancers and their degree of malignancy by FTIR, PCA-LDA analysis, and a physics-based computational model. <i>Talanta</i> , 2018, 186, 337-345.	5.5	61
2	Fourier Transform Infrared (FTIR) spectroscopy of paraffin and deparaffinized bone tissue samples as a diagnostic tool for Ewing sarcoma of bones. <i>Infrared Physics and Technology</i> , 2017, 85, 364-371.	2.9	27
3	A Preliminary Study of FTIR Spectroscopy as a Potential Non-Invasive Screening Tool for Pediatric Precursor B Lymphoblastic Leukemia. <i>Molecules</i> , 2021, 26, 1174.	3.8	27
4	Application of infrared spectroscopy for the identification of squamous cell carcinoma (lung) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	2.9	24
5	Distinguishing Ewing sarcoma and osteomyelitis using FTIR spectroscopy. <i>Scientific Reports</i> , 2018, 8, 15081.	3.3	20
6	Simultaneous FTIR and Raman Spectroscopy in Endometrial Atypical Hyperplasia and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4828.	4.1	17
7	Application of infrared spectroscopy in the identification of Ewing sarcoma: A preliminary report. <i>Infrared Physics and Technology</i> , 2017, 83, 200-205.	2.9	15
8	FTIR Spectroscopy of Cerebrospinal Fluid Reveals Variations in the Lipid: Protein Ratio at Different Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 281-293.	2.6	14
9	Spectroscopic evaluation of carcinogenesis in endometrial cancer. <i>Scientific Reports</i> , 2021, 11, 9079.	3.3	14
10	Predicting Ewing Sarcoma Treatment Outcome Using Infrared Spectroscopy and Machine Learning. <i>Molecules</i> , 2019, 24, 1075.	3.8	12
11	Prediction of Ewing Sarcoma treatment outcome using attenuated tissue reflection FTIR tissue spectroscopy. <i>Scientific Reports</i> , 2018, 8, 12299.	3.3	7
12	In vitro study of effects of ELF-EMF on testicular tissues of roe deer (<i>Capreolus capreolus</i>) - FTIR and FT-Raman spectroscopic investigation. <i>Animal Reproduction Science</i> , 2020, 213, 106258.	1.5	5
13	Hounsfield units and fractal dimension (test HUFRA) for determining PET positive/negative lymph nodes in pediatric Hodgkin's lymphoma patients. <i>PLoS ONE</i> , 2020, 15, e0229859.	2.5	4
14	Hounsfield units from unenhanced 18F-FDG-PET/CT are useful in evaluating supradiaphragmatic lymph nodes in children and adolescents with classical Hodgkin's lymphoma. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 795-805.	1.4	3
15	Body Mass Index (BMI) and Infectious/Febrile Episodes in Children with Intermediate Risk Acute Lymphoblastic Leukemia (IR ALL). <i>Nutrition and Cancer</i> , 2019, 71, 701-707.	2.0	1
16	Fractal Analysis Application for Computed Tomography Lymph Nodes Evaluation in Childhood Hodgkin's Lymphoma. <i>Journal of Medical Imaging and Health Informatics</i> , 2018, 8, 836-841.	0.3	1
17	MicroRNA gene methylation landscape in pediatric B-cell precursor acute lymphoblastic leukemia. <i>Advances in Clinical and Experimental Medicine</i> , 2022, 31, 0-0.	1.4	1
18	The distinguishable DNA whole genome methylation profile of 2 cases of pediatric precursor B acute lymphoblastic leukaemia (BCP ALL) with prodromal, preleukemic phase. <i>Medicine (United States)</i> , 2018, 97, e12763.	1.0	0

#	ARTICLE	IF	CITATIONS
19	First identification of the effects of low frequency electromagnetic field on the micromolecular changes in adipose tissue-derived mesenchymal stem cells by fourier transform infrared spectroscopy. Journal of Medical Physics, 2021, 46, 253-262.	0.3	0