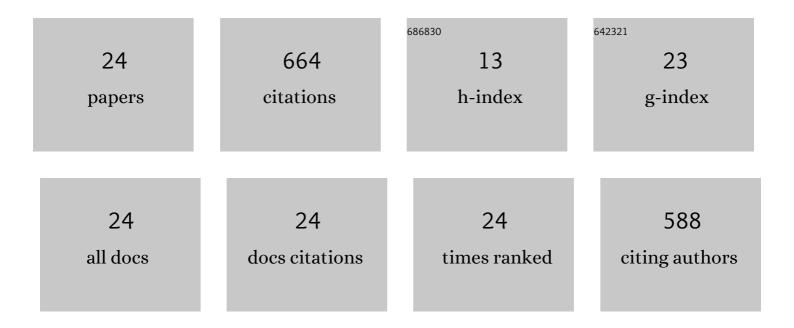
## Ahmad Salman

List of Publications by Year in descending order

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ALIMAD SALMAN

#	Article	IF	CITATIONS
1	Diagnostic potential of Fourier-transform infrared microspectroscopy and advanced computational methods in colon cancer patients. Journal of Biomedical Optics, 2002, 7, 248.	1.4	145
2	Using Infrared Spectroscopy and Multivariate Analysis to Detect Antibiotics' Resistant <i>Escherichia coli</i> Bacteria. Analytical Chemistry, 2017, 89, 8782-8790.	3.2	78
3	FTIR spectroscopic method for detection of cells infected with herpes viruses. Biopolymers, 2002, 67, 406-412.	1.2	64
4	Detection of antibiotic resistant Escherichia Coli bacteria using infrared microscopy and advanced multivariate analysis. Analyst, The, 2017, 142, 2136-2144.	1.7	47
5	Identification of fungal phytopathogens using Fourier transform infrared-attenuated total reflection spectroscopy and advanced statistical methods. Journal of Biomedical Optics, 2012, 17, 017002.	1.4	38
6	FTIR microspectroscopy of malignant fibroblasts transformed by mouse sarcoma virus. Journal of Proteomics, 2003, 55, 141-153.	2.4	34
7	FTIR Microscopic Studies on Normal, Polyp, and Malignant Human Colonic Tissues. Subsurface Sensing Technologies and Applications, 2001, 2, 99-117.	0.9	29
8	FTIR microscopic studies on normal and H- Ras oncogene transfected cultured mouse fibroblasts. European Biophysics Journal, 2001, 30, 250-255.	1.2	28
9	Fast and reliable determination ofEscherichia colisusceptibility to antibiotics: Infrared microscopy in tandem with machine learning algorithms. Journal of Biophotonics, 2019, 12, e201800478.	1.1	26
10	Detection of Extended-Spectrum β-Lactamase-Producing <i>Escherichia coli</i> Using Infrared Microscopy and Machine-Learning Algorithms. Analytical Chemistry, 2019, 91, 2525-2530.	3.2	24
11	Early detection of colorectal cancer relapse by infrared spectroscopy in "normal―anastomosis tissue. Journal of Biomedical Optics, 2015, 20, 075007.	1.4	18
12	Differential Diagnosis of the Etiologies of Bacterial and Viral Infections Using Infrared Microscopy of Peripheral Human Blood Samples and Multivariate Analysis. Analytical Chemistry, 2018, 90, 7888-7895.	3.2	18
13	Distinction between mixed genus bacteria using infrared spectroscopy and multivariate analysis. Vibrational Spectroscopy, 2019, 100, 6-13.	1.2	18
14	Rapid diagnosis of infection etiology in febrile pediatric oncology patients using infrared spectroscopy of leukocytes. Journal of Biophotonics, 2020, 13, e201900215.	1.1	14
15	Rapid detection of <i>Klebsiella pneumoniae</i> producing extended spectrum β lactamase enzymes by infrared microspectroscopy and machine learning algorithms. Analyst, The, 2021, 146, 1421-1429.	1.7	13
16	Infra-red spectroscopy combined with machine learning algorithms enables early determination of Pseudomonas aeruginosa's susceptibility to antibiotics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 274, 121080.	2.0	12
17	Detection of Vero Cells Infected with Herpes Simplex Types 1 and 2 and Varicella Zoster Viruses Using Raman Spectroscopy and Advanced Statistical Methods. PLoS ONE, 2016, 11, e0153599.	1.1	11
18	Determination of <i>Klebsiella pneumoniae</i> Susceptibility to Antibiotics Using Infrared Microscopy. Analytical Chemistry, 2021, 93, 13426-13433.	3.2	11

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#	Article	IF	CITATIONS
19	Diagnosis of inaccessible infections using infrared microscopy of white blood cells and machine learning algorithms. Analyst, The, 2020, 145, 6955-6967.	1.7	9
20	Differentiation of <i>Pectobacterium</i> and <i>Dickeya</i> spp. phytopathogens using infrared spectroscopy and machine learning analysis. Journal of Biophotonics, 2020, 13, e201960156.	1.1	9
21	Tracing overlapping biological signals in mid-infrared using colonic tissues as a model system. World Journal of Gastroenterology, 2017, 23, 286.	1.4	8
22	Study of plasma-induced peripheral blood mononuclear cells survival using Fourier transform infrared microspectroscopy. Journal of Biomedical Optics, 2013, 18, 115004.	1.4	7
23	Potential of infrared microscopy to differentiate between dementia with Lewy bodies and Alzheimer's diseases using peripheral blood samples and machine learning algorithms. Journal of Biomedical Optics, 2020, 25, 1.	1.4	3
24	Potential of bacterial infection diagnosis using infrared spectroscopy of WBC and machine learning algorithms. , 2019, , .		0