

Ahsan R Akram

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,264
citations

16
h-index

35
g-index

57
ext. papers

1,586
ext. citations

7.7
avg, IF

4.05
L-index

#	Paper	IF	Citations
50	Randomised controlled trial of intravenous nafamostat mesylate in COVID pneumonitis: Phase 1b/2a experimental study to investigate safety, Pharmacokinetics and Pharmacodynamics.. <i>EBioMedicine</i> , 2022 , 76, 103856	8.8	3
49	Fibroblast Activation Protein Specific Optical Imaging in Non-Small Cell Lung Cancer.. <i>Frontiers in Oncology</i> , 2022 , 12, 834350	5.3	
48	Cancer Associated Fibroblasts - An Impediment to Effective Anti-Cancer T Cell Immunity.. <i>Frontiers in Immunology</i> , 2022 , 13, 887380	8.4	1
47	A fluorogenic probe for granzyme B enables in-biopsy evaluation and screening of response to anticancer immunotherapies.. <i>Nature Communications</i> , 2022 , 13, 2366	17.4	0
46	Full spectrum fluorescence lifetime imaging with 0.5 nm spectral and 50 ps temporal resolution. <i>Nature Communications</i> , 2021 , 12, 6616	17.4	4
45	Tissue Proteomic Analysis Identifies Mechanisms and Stages of Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 ,	5.7	5
44	Optical Detection of Distal Lung Enzyme Activity in Human Inflammatory Lung Disease. <i>BME Frontiers</i> , 2021 , 2021, 1-11	4.4	3
43	Sub millimetre flexible fibre probe for background and fluorescence free Raman spectroscopy. <i>Journal of Biophotonics</i> , 2021 , 14, e202000488	3.1	1
42	Systematic review of studies investigating ventilator associated pneumonia diagnostics in intensive care. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 196	3.5	2
41	Deciphering Mesenchymal Drivers of Human Dupuytren's Disease at Single-Cell Level. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	4
40	Solitary pulmonary nodule imaging approaches and the role of optical fibre-based technologies. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
39	Molecular detection of Gram-positive bacteria in the human lung through an optical fiber-based endoscope. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 800-807	8.8	4
38	T cells drive negative feedback mechanisms in cancer associated fibroblasts, promoting expression of co-inhibitory ligands, CD73 and IL-27 in non-small cell lung cancer. <i>Oncotarget</i> , 2021 , 10, 1940675 ²	7.2	5
37	Activated neutrophil fluorescent imaging technique for human lungs. <i>Scientific Reports</i> , 2021 , 11, 976	4.9	6
36	Evaluation of new or repurposed treatments for COVID-19: protocol for the phase Ib/IIa DEFINE trial platform.. <i>BMJ Open</i> , 2021 , 11, e054442	3	1
35	The Emerging Role of the c-MET-HGF Axis in Non-small Cell Lung Cancer Tumor Immunology and Immunotherapy. <i>Frontiers in Oncology</i> , 2020 , 10, 54	5.3	10
34	A matrix metalloproteinase activation probe for painting human tumours. <i>Chemical Communications</i> , 2020 , 56, 9962-9965	5.8	3

33	Deep Learning in ex-vivo Lung Cancer Discrimination using Fluorescence Lifetime Endomicroscopic Images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2020, 2020, 1891-1894</i>	0.9	2
32	Enhanced avidity from a multivalent fluorescent antimicrobial peptide enables pathogen detection in a human lung model. <i>Scientific Reports, 2019, 9, 8422</i>	4.9	13
31	Bayesian bacterial detection using irregularly sampled optical endomicroscopy images. <i>Medical Image Analysis, 2019, 57, 18-31</i>	15.4	1
30	British Thoracic Society quality standards for the investigation and management of pulmonary nodules. <i>BMJ Open Respiratory Research, 2018, 5, e000273</i>	5.6	5
29	Development of an alveolar transbronchial catheter for concurrent fiber optics based imaging and fluid delivery. <i>Journal of Medical Devices, Transactions of the ASME, 2018, 12,</i>	1.3	2
28	Estimating Bacterial and Cellular Load in FCFM Imaging. <i>Journal of Imaging, 2018, 4, 11</i>	3.1	5
27	Low-cost high sensitivity pulsed endomicroscopy to visualize tricolor optical signatures. <i>Journal of Biomedical Optics, 2018, 23, 1-12</i>	3.5	10
26	Texture Descriptors for Classifying Sparse, Irregularly Sampled Optical Endomicroscopy Images. <i>Communications in Computer and Information Science, 2018, 165-176</i>	0.3	2
25	In situ identification of Gram-negative bacteria in human lungs using a topical fluorescent peptide targeting lipid A. <i>Science Translational Medicine, 2018, 10,</i>	17.5	41
24	Super-silent FRET Sensor Enables Live Cell Imaging and Flow Cytometric Stratification of Intracellular Serine Protease Activity in Neutrophils. <i>Scientific Reports, 2018, 8, 13490</i>	4.9	16
23	Multi-class classification of pulmonary endomicroscopic images 2018,		3
22	Automated Detection of Uninformative Frames in Pulmonary Optical Endomicroscopy. <i>IEEE Transactions on Biomedical Engineering, 2017, 64, 87-98</i>	5	13
21	Optical Screening of Novel Bacteria-specific Probes on Ex Vivo Human Lung Tissue by Confocal Laser Endomicroscopy. <i>Journal of Visualized Experiments, 2017,</i>	1.6	4
20	Estimating Bacterial Load in FCFM Imaging. <i>Communications in Computer and Information Science, 2017, 909-921</i>	0.3	0
19	Spacer-free BODIPY fluorogens in antimicrobial peptides for direct imaging of fungal infection in human tissue. <i>Nature Communications, 2016, 7, 10940</i>	17.4	81
18	In-situ imaging of neutrophil activation in the human alveolar space with neutrophil activation probe and pulmonary optical endomicroscopy. <i>Lancet, The, 2016, 387, S31</i>	4.0	5
17	Structural modifications of the antimicrobial peptide ubiquicidin for pulmonary imaging of bacteria in the alveolar space. <i>Lancet, The, 2016, 387, S17</i>	4.0	4
16	Assessing the utility of autofluorescence-based pulmonary optical endomicroscopy to predict the malignant potential of solitary pulmonary nodules in humans. <i>Scientific Reports, 2016, 6, 31372</i>	4.9	13

15	Two-color widefield fluorescence microendoscopy enables multiplexed molecular imaging in the alveolar space of human lung tissue. <i>Journal of Biomedical Optics</i> , 2016 , 21, 46009	3.5	22
14	Risk factors for <i>Clostridium difficile</i> infection in hospitalized patients with community-acquired pneumonia. <i>Journal of Infection</i> , 2016 , 73, 45-53	18.9	43
13	Optical molecular imaging of lysyl oxidase activity - detection of active fibrogenesis in human lung tissue. <i>Chemical Science</i> , 2015 , 6, 4946-4953	9.4	23
12	A labelled-ubiquicidin antimicrobial peptide for immediate optical detection of live bacteria in human alveolar lung tissue. <i>Chemical Science</i> , 2015 , 6, 6971-6979	9.4	62
11	Cardiovascular events after clarithromycin use in lower respiratory tract infections: analysis of two prospective cohort studies. <i>BMJ, The</i> , 2013 , 346, f1235	5.9	78
10	An incidental finding of a lung lesion in a patient with systemic sclerosis. <i>Respiratory Medicine CME</i> , 2011 , 4, 178-180		
9	Severity assessment tools to guide ICU admission in community-acquired pneumonia: systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2011 , 37, 1409-20	14.5	102
8	Safety and efficacy of CURB65-guided antibiotic therapy in community-acquired pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 416-23	5.1	36
7	Epidemiology, antibiotic therapy, and clinical outcomes in health care-associated pneumonia: a UK cohort study. <i>Clinical Infectious Diseases</i> , 2011 , 53, 107-13	11.6	193
6	Validation of the Infectious Diseases Society of America/American Thoracic Society minor criteria for intensive care unit admission in community-acquired pneumonia patients without major criteria or contraindications to intensive care unit care. <i>Clinical Infectious Diseases</i> , 2011 , 53, 503-11	11.6	92
5	Severity assessment tools for predicting mortality in hospitalised patients with community-acquired pneumonia. Systematic review and meta-analysis. <i>Thorax</i> , 2010 , 65, 878-83	7.3	196
4	Incidence and prognostic implications of acute kidney injury on admission in patients with community-acquired pneumonia. <i>Chest</i> , 2010 , 138, 825-32	5.3	52
3	Right ventricular dilation on CT pulmonary angiogram independently predicts mortality in pulmonary embolism. <i>Respiratory Medicine</i> , 2010 , 104, 1057-62	4.6	20
2	Statins in community acquired pneumonia: Evidence from experimental and clinical studies. <i>Respiratory Medicine</i> , 2010 , 104, 1081-91	4.6	63
1	GB0139, an inhaled small molecule inhibitor of galectin-3, in COVID-19 pneumonitis: a randomised, controlled, open-label, phase 2a experimental medicine trial of safety, pharmacokinetics, and potential therapeutic value		2