

# Ahsan R Akram

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9386127/ahsan-r-akram-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Severity assessment tools for predicting mortality in hospitalised patients with community-acquired pneumonia. Systematic review and meta-analysis. <i>Thorax</i> , <b>2010</b> , 65, 878-83	7.3	196
49	Epidemiology, antibiotic therapy, and clinical outcomes in health care-associated pneumonia: a UK cohort study. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 53, 107-13	11.6	193
48	Severity assessment tools to guide ICU admission in community-acquired pneumonia: systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1409-20	14.5	102
47	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> , <b>2011</b> , 53, 503-11	11.6	92
46	Spacer-free BODIPY fluorogens in antimicrobial peptides for direct imaging of fungal infection in human tissue. <i>Nature Communications</i> , <b>2016</b> , 7, 10940	17.4	81
45	Cardiovascular events after clarithromycin use in lower respiratory tract infections: analysis of two prospective cohort studies. <i>BMJ, The</i> , <b>2013</b> , 346, f1235	5.9	78
44	Statins in community acquired pneumonia: Evidence from experimental and clinical studies. <i>Respiratory Medicine</i> , <b>2010</b> , 104, 1081-91	4.6	63
43	A labelled-ubiquicidin antimicrobial peptide for immediate optical detection of live bacteria in human alveolar lung tissue. <i>Chemical Science</i> , <b>2015</b> , 6, 6971-6979	9.4	62
42	Incidence and prognostic implications of acute kidney injury on admission in patients with community-acquired pneumonia. <i>Chest</i> , <b>2010</b> , 138, 825-32	5.3	52
41	Risk factors for Clostridium difficile infection in hospitalized patients with community-acquired pneumonia. <i>Journal of Infection</i> , <b>2016</b> , 73, 45-53	18.9	43
40	In situ identification of Gram-negative bacteria in human lungs using a topical fluorescent peptide targeting lipid A. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	41
39	Safety and efficacy of CURB65-guided antibiotic therapy in community-acquired pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 416-23	5.1	36
38	Optical molecular imaging of lysyl oxidase activity - detection of active fibrogenesis in human lung tissue. <i>Chemical Science</i> , <b>2015</b> , 6, 4946-4953	9.4	23
37	Two-color widefield fluorescence microendoscopy enables multiplexed molecular imaging in the alveolar space of human lung tissue. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 46009	3.5	22
36	Right ventricular dilation on CT pulmonary angiogram independently predicts mortality in pulmonary embolism. <i>Respiratory Medicine</i> , <b>2010</b> , 104, 1057-62	4.6	20
35	Super-silent FRET Sensor Enables Live Cell Imaging and Flow Cytometric Stratification of Intracellular Serine Protease Activity in Neutrophils. <i>Scientific Reports</i> , <b>2018</b> , 8, 13490	4.9	16
34	Automated Detection of Uninformative Frames in Pulmonary Optical Endomicroscopy. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2017</b> , 64, 87-98	5	13

33	Enhanced avidity from a multivalent fluorescent antimicrobial peptide enables pathogen detection in a human lung model. <i>Scientific Reports</i> , <b>2019</b> , 9, 8422	4.9	13
32	Assessing the utility of autofluorescence-based pulmonary optical endomicroscopy to predict the malignant potential of solitary pulmonary nodules in humans. <i>Scientific Reports</i> , <b>2016</b> , 6, 31372	4.9	13
31	The Emerging Role of the c-MET-HGF Axis in Non-small Cell Lung Cancer Tumor Immunology and Immunotherapy. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 54	5.3	10
30	Low-cost high sensitivity pulsed endomicroscopy to visualize tricolor optical signatures. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 23, 1-12	3.5	10
29	Activated neutrophil fluorescent imaging technique for human lungs. <i>Scientific Reports</i> , <b>2021</b> , 11, 976	4.9	6
28	British Thoracic Society quality standards for the investigation and management of pulmonary nodules. <i>BMJ Open Respiratory Research</i> , <b>2018</b> , 5, e000273	5.6	5
27	In-situ imaging of neutrophil activation in the human alveolar space with neutrophil activation probe and pulmonary optical endomicroscopy. <i>Lancet, The</i> , <b>2016</b> , 387, S31	4.0	5
26	Estimating Bacterial and Cellular Load in FCFM Imaging. <i>Journal of Imaging</i> , <b>2018</b> , 4, 11	3.1	5
25	Tissue Proteomic Analysis Identifies Mechanisms and Stages of Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> ,	5.7	5
24	Solitary pulmonary nodule imaging approaches and the role of optical fibre-based technologies. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	5
23	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>Oncotmunology</i> , <b>2021</b> , 10, 1940675 <sup>2</sup>	7.5	5
22	Structural modifications of the antimicrobial peptide ubiquicidin for pulmonary imaging of bacteria in the alveolar space. <i>Lancet, The</i> , <b>2016</b> , 387, S17	4.0	4
21	Optical Screening of Novel Bacteria-specific Probes on Ex Vivo Human Lung Tissue by Confocal Laser Endomicroscopy. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	4
20	Full spectrum fluorescence lifetime imaging with 0.5 nm spectral and 50 ps temporal resolution. <i>Nature Communications</i> , <b>2021</b> , 12, 6616	17.4	4
19	Deciphering Mesenchymal Drivers of Human Dupuytren's Disease at Single-Cell Level. <i>Journal of Investigative Dermatology</i> , <b>2021</b> ,	4.3	4
18	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> , <b>2021</b> , 48, 800-807	8.8	4
17	Randomised controlled trial of intravenous nafamostat mesylate in COVID pneumonitis: Phase 1b/2a experimental study to investigate safety, Pharmacokinetics and Pharmacodynamics.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103856	8.8	3
16	A matrix metalloproteinase activation probe for painting human tumours. <i>Chemical Communications</i> , <b>2020</b> , 56, 9962-9965	5.8	3

15	Optical Detection of Distal Lung Enzyme Activity in Human Inflammatory Lung Disease. <i>BME Frontiers</i> , <b>2021</b> , 2021, 1-11	4.4	3
14	Multi-class classification of pulmonary endomicroscopic images <b>2018</b> ,		3
13	Development of an alveolar transbronchial catheter for concurrent fiber optics based imaging and fluid delivery. <i>Journal of Medical Devices, Transactions of the ASME</i> , <b>2018</b> , 12,	1.3	2
12	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
11	Texture Descriptors for Classifying Sparse, Irregularly Sampled Optical Endomicroscopy Images. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 165-176	0.3	2
10	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</i> , <b>2020</b> , 2020, 1891-1894	0.9	2
9	Systematic review of studies investigating ventilator associated pneumonia diagnostics in intensive care. <i>BMC Pulmonary Medicine</i> , <b>2021</b> , 21, 196	3.5	2
8	Bayesian bacterial detection using irregularly sampled optical endomicroscopy images. <i>Medical Image Analysis</i> , <b>2019</b> , 57, 18-31	15.4	1
7	Sub millimetre flexible fibre probe for background and fluorescence free Raman spectroscopy. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202000488	3.1	1
6	Evaluation of new or repurposed treatments for COVID-19: protocol for the phase Ib/IIa DEFINE trial platform.. <i>BMJ Open</i> , <b>2021</b> , 11, e054442	3	1
5	Cancer Associated Fibroblasts - An Impediment to Effective Anti-Cancer T Cell Immunity.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 887380	8.4	1
4	Estimating Bacterial Load in FCFM Imaging. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 909-921	0.3	0
3	A fluorogenic probe for granzyme B enables in-biopsy evaluation and screening of response to anticancer immunotherapies.. <i>Nature Communications</i> , <b>2022</b> , 13, 2366	17.4	0
2	An incidental finding of a lung lesion in a patient with systemic sclerosis. <i>Respiratory Medicine CME</i> , <b>2011</b> , 4, 178-180		
1	Fibroblast Activation Protein Specific Optical Imaging in Non-Small Cell Lung Cancer.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 834350	5.3	