Mansoor A Syed

List of Publications by Year
in descending order

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82 papers	3,093 citations	159585 30 h-index	175258 52 g-index
83 all docs	83 docs citations	83 times ranked	4030 citing authors

#	Article	IF	Citations
1	Macrophages: Their role, activation and polarization in pulmonary diseases. Immunobiology, 2018, 223, 383-396.	1.9	390
2	MicroRNA in lung cancer: role, mechanisms, pathways and therapeutic relevance. Molecular Aspects of Medicine, 2019, 70, 3-20.	6.4	307
3	Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision. Life Sciences, 2019, 218, 112-131.	4.3	171
4	Curcumin decreases Warburg effect in cancer cells by down-regulating pyruvate kinase M2 via mTOR-HIF1Î± inhibition. Scientific Reports, 2018, 8, 8323.	3.3	106
5	Hyperoxia causes miR-34a-mediated injury via angiopoietin-1 in neonatal lungs. Nature Communications, 2017, 8, 1173.	12.8	100
6	Engineered Hierarchical CuO Nanoleaves Based Electrochemical Nonenzymatic Biosensor for Glucose Detection. Journal of the Electrochemical Society, 2021, 168, 017501.	2.9	83
7	An Analysis of MIF Structural Features that Control Functional Activation of CD74. Chemistry and Biology, 2015, 22, 1197-1205.	6.0	73
8	Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1)-mediated Bcl-2 Induction Prolongs Macrophage Survival. Journal of Biological Chemistry, 2014, 289, 15118-15129.	3.4	69
9	Hyperoxia and Interferon-Î³â€“Induced Injury in Developing Lungs Occur via Cyclooxygenase-2 and the Endoplasmic Reticulum Stressâ€“Dependent Pathway. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 749-757.	2.9	65
10	Inhibition of Regulatory-Associated Protein of Mechanistic Target of Rapamycin Prevents Hyperoxia-Induced Lung Injury by Enhancing Autophagy and Reducing Apoptosis in Neonatal Mice. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 722-735.	2.9	63
11	TREM-1-accentuated lung injury via miR-155 is inhibited by LP17 nanomedicine. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L426-L438.	2.9	63
12	TLRs in pulmonary diseases. Life Sciences, 2019, 233, 116671.	4.3	63
13	Targeting distinct tautomerase sites of Dâ€ĐT and MIF with a single molecule for inhibition of neutrophil lung recruitment. FASEB Journal, 2014, 28, 4961-4971.	0.5	62
14	Nerolidol ameliorates cyclophosphamide-induced oxidative stress, neuroinflammation and cognitive dysfunction: Plausible role of Nrf2 and NF- ÎºB. Life Sciences, 2019, 236, 116867.	4.3	57
15	Reviewâ€”Recent Advances in Nanostructured Graphitic Carbon Nitride as a Sensing Material for Heavy Metal Ions. Journal of the Electrochemical Society, 2020, 167, 037519.	2.9	57
16	Curcumin mediated epigenetic modulation inhibits TREM-1 expression in response to lipopolysaccharide. International Journal of Biochemistry and Cell Biology, 2012, 44, 2032-2043.	2.8	56
17	Conditional overexpression of TGFÎ²1 promotes pulmonary inflammation, apoptosis and mortality via TGFÎ²R2 in the developing mouse lung. Respiratory Research, 2015, 16, 4.	3.6	54
18	Raspberry ketone protects against isoproterenol-induced myocardial infarction in rats. Life Sciences, 2018, 194, 205-212.	4.3	51

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19	Unravelling host-pathogen interactions: ceRNA network in SARS-CoV-2 infection (COVID-19). Gene, 2020, 762, 145057.	2.2	50
20	Nerolidol attenuates cyclophosphamide-induced cardiac inflammation, apoptosis and fibrosis in Swiss Albino mice. European Journal of Pharmacology, 2019, 863, 172666.	3.5	46
21	Mitochondrial dynamics and mitophagy in lung disorders. Life Sciences, 2021, 284, 119876.	4.3	46
22	Vitamin K and its analogs: Potential avenues for prostate cancer management. Oncotarget, 2017, 8, 57782-57799.	1.8	44
23	Small molecular modulation of macrophage migration inhibitory factor in the hyperoxia-induced mouse model of bronchopulmonary dysplasia. Respiratory Research, 2013, 14, 27.	3.6	43
24	Role of Nicotinamide Adenine Dinucleotide Phosphateâ€“Reduced Oxidase Proteins in Pseudomonas aeruginosaâ€“Induced Lung Inflammation and Permeability. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 477-488.	2.9	42
25	Long non-coding RNAs regulated NF-ÎºB signaling in cancer metastasis: Micromanaging by not so small non-coding RNAs. Seminars in Cancer Biology, 2022, 85, 155-163.	9.6	41
26	MIF intersubunit disulfide mutant antagonist supports activation of CD74 by endogenous MIF trimer at physiologic concentrations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10994-10999.	7.1	39
27	Vitamin D and its therapeutic relevance in pulmonary diseases. Journal of Nutritional Biochemistry, 2021, 90, 108571.	4.2	36
28	Hyperoxia Exacerbates Postnatal Inflammation-Induced Lung Injury in Neonatal BRP-39 Null Mutant Mice Promoting the M1 Macrophage Phenotype. Mediators of Inflammation, 2013, 2013, 1-12.	3.0	35
29	Epigallocatechin-3-Gallate (EGCG), an Active Compound of Green Tea Attenuates Acute Lung Injury Regulating Macrophage Polarization and KrÃ¼pple-Like-Factor 4 (KLF4) Expression. Molecules, 2020, 25, 2853.	3.8	35
30	Increased Hyperoxia-Induced Lung Injury in Nitric Oxide Synthase 2 Null Mice Is Mediated via Angiopoietin 2. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 668-676.	2.9	32
31	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie - International Edition, 2018, 57, 7116-7119.	13.8	32
32	Long non-coding RNA: An immune cells perspective. Life Sciences, 2021, 271, 119152.	4.3	32
33	Carbonic anhydrase IX: A tumor acidification switch in heterogeneity and chemokine regulation. Seminars in Cancer Biology, 2022, 86, 899-913.	9.6	30
34	Expression of TREM-1 is inhibited by PGD2 and PGJ2 in macrophages. Experimental Cell Research, 2010, 316, 3140-3149.	2.6	28
35	Novel Chitohexaose Analog Protects Young and Aged mice from CLP Induced Polymicrobial Sepsis. Scientific Reports, 2019, 9, 2904.	3.3	27
36	Ameliorative effect of nerolidol on cyclophosphamideâ€induced gonadal toxicity in Swiss Albino mice: Biochemicalâ€, histologicalâ€•and immunohistochemicalâ€based evidences. Andrologia, 2020, 52, e13535.	2.1	27

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37	Effect of nerolidol on cyclophosphamide-induced bone marrow and hematologic toxicity in Swiss albino mice. Experimental Hematology, 2020, 82, 24-32.	0.4	27
38	Transcriptome Meta-Analysis Deciphers a Dysregulation in Immune Response-Associated Gene Signatures during Sepsis. Genes, 2019, 10, 1005.	2.4	26
39	Nerolidol protects the liver against cyclophosphamideâ€induced hepatic inflammation, apoptosis, and fibrosis via modulation of Nrf2, <scp>NFâ€ÎºB</scp> p65, and caspaseâ€3 signaling molecules in Swiss albino mice. BioFactors, 2020, 46, 963-973.	5.4	25
40	The role of mitophagy in pulmonary sepsis. Mitochondrion, 2021, 59, 63-75.	3.4	25
41	A Model of GAG/MIP-2/CXCR2 Interfaces and Its Functional Effects. Biochemistry, 2012, 51, 5642-5654.	2.5	24
42	TREM-1 Attenuates RIPK3-mediated Necroptosis in Hyperoxia-induced Lung Injury in Neonatal Mice. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 308-322.	2.9	23
43	Nano-engineered nerolidol loaded lipid carrier delivery system attenuates cyclophosphamide neurotoxicity â€“ Probable role of NLRP3 inflammasome and caspase-1. Experimental Neurology, 2020, 334, 113464.	4.1	23
44	Identification and Validation of Potential miRNAs, as Biomarkers for Sepsis and Associated Lung Injury: A Network-Based Approach. Genes, 2020, 11, 1327.	2.4	22
45	Inhibition of miRNA-34a Promotes M2 Macrophage Polarization and Improves LPS-Induced Lung Injury by Targeting Klf4. Genes, 2020, 11, 966.	2.4	22
46	Identification of differentially expressed genes in small and non-small cell lung cancer based on meta-analysis of mRNA. Heliyon, 2019, 5, e01707.	3.2	20
47	Transcriptomic analysis delineates potential signature genes and miRNAs associated with the pathogenesis of asthma. Scientific Reports, 2020, 10, 13354.	3.3	20
48	Role of Nitric Oxide Isoforms in Vascular and Alveolar Development and Lung Injury in Vascular Endothelial Growth Factor Overexpressing Neonatal Mice Lungs. PLoS ONE, 2016, 11, e0147588.	2.5	19
49	COVID-19: The Emerging Immunopathological Determinants for Recovery or Death. Frontiers in Microbiology, 2020, 11, 588409.	3.5	19
50	p47phox and reactive oxygen species production modulate expression of microRNA-451 in macrophages. Free Radical Research, 2015, 49, 25-34.	3.3	18
51	Comprehensive Integrative Analysis Reveals the Association of KLF4 with Macrophage Infiltration and Polarization in Lung Cancer Microenvironment. Cells, 2021, 10, 2091.	4.1	18
52	Induction of Cyclooxygenase-2 Signaling by Stomatococcus mucilaginosus Highlights the Pathogenic Potential of an Oral Commensal. Journal of Immunology, 2013, 191, 3810-3817.	0.8	15
53	Unravelling the Role of miR-20b-5p, CCNB1, HMGA2 and E2F7 in Development and Progression of Non-Small Cell Lung Cancer (NSCLC). Biology, 2020, 9, 201.	2.8	15
54	Long non-coding RNA (lncRNA): A potential therapeutic target in acute lung injury. Genes and Diseases, 2022, 9, 1258-1268.	3.4	15

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55	Synthesis, purification and characterization of Plectonema derived AgNPs with elucidation of the role of protein in nanoparticle stabilization. RSC Advances, 2022, 12, 2497-2510.	3.6	14
56	Integration of chemokine signaling with non-coding RNAs in tumor microenvironment and heterogeneity in different cancers. Seminars in Cancer Biology, 2022, 86, 720-736.	9.6	14
57	An omic approach to congenital diaphragmatic hernia: a pilot study of genomic, microRNA, and metabolomic profiling. Journal of Perinatology, 2020, 40, 952-961.	2.0	13
58	Potential Therapeutic Targets of Curcumin, Most Abundant Active Compound of Turmeric Spice: Role in the Management of Various Types of Cancer. Recent Patents on Anti-Cancer Drug Discovery, 2021, 16, 3-29.	1.6	12
59	Small Molecule Inhibitor Adjuvant Surfactant Therapy Attenuates Ventilator- and Hyperoxia-Induced Lung Injury in Preterm Rabbits. Frontiers in Physiology, 2020, 11, 266.	2.8	11
60	The Effect of Modified Ultrafiltration on Angiopoietins in Pediatric Cardiothoracic Operations. Annals of Thoracic Surgery, 2014, 98, 1699-1704.	1.3	9
61	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. Cell Stress, 2018, 2, 34-36.	3.2	8
62	Integrative multiomics and in silico analysis revealed the role of ARHGEF1 and its screened antagonist in mild and severe COVIDâ€19 patients. Journal of Cellular Biochemistry, 2022, 123, 673-690.	2.6	8
63	Quantifying hyperoxia-mediated damage to mammalian respiratory cilia-driven fluid flow using particle tracking velocimetry optical coherence tomography. Journal of Biomedical Optics, 2015, 20, 1.	2.6	7
64	Nano-donuts shaped nickel oxide nanostructures for sensitive non-enzymatic electrochemical detection of glucose. Microsystem Technologies, 2022, 28, 313-318.	2.0	7
65	Networkâ€based identification of signature genes KLF6 and SPOCK1 associated with oral submucous fibrosis. Molecular and Clinical Oncology, 2020, 12, 299-310.	1.0	7
66	Integrated transcriptomic and regulatory network analyses uncovers the role of let-7b-5p, SPIB, and HLA-DPB1 in sepsis. Scientific Reports, 2022, 12, .	3.3	7
67	High-altitude pulmonary edema is aggravated by risk loci and associated transcription factors in HIF-prolyl hydroxylases. Human Molecular Genetics, 2021, 30, 1734-1749.	2.9	6
68	Hypertensive Patients Exhibit Enhanced Thrombospondin-1 Levels at High-Altitude. Life, 2021, 11, 893.	2.4	6
69	Fabrication of an ultra-sensitive hydrazine sensor based on nano-chips shaped nickel hydroxide modified electrodes. Microsystem Technologies, 2022, 28, 279-286.	2.0	5
70	Revealing new therapeutic opportunities in hypertension through network-driven integrative genetic analysis and drug target prediction approach. Gene, 2021, 801, 145856.	2.2	5
71	Deciphering key genes and miRNAs associated with Hepatocellular carcinoma via network-based approach. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, PP, 1-1.	3.0	4
72	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. Cell Stress, 2018, 2, 34-36.	3.2	4

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73	Identification and Validation of Pathogenic Genes in Sepsis and Associated Diseases by Integrated Bioinformatics Approach. Genes, 2022, 13, 209.	2.4	4
74	Therapeutic Potential of Ajwa Dates (Phoenix dactylifera) Extract in Prevention of Benzo(a)pyrene-Induced Lung Injury through the Modulation of Oxidative Stress, Inflammation, and Cell Signalling Molecules. Applied Sciences (Switzerland), 2022, 12, 6784.	2.5	4
75	MicroRNA Let-7i (MiR-let-7i) Is Induced During The TREM-1 Activation. , 2010, , .		3
76	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie, 2018, 130, 7234-7237.	2.0	2
77	The deleterious impact of a non-synonymous SNP on protein structure and function is apparent in hypertension. Journal of Molecular Modeling, 2022, 28, 14.	1.8	1
78	Prostaglandin D2 Attenuates Lipopolysaccharide-Induced Acute Lung Injury through the Modulation of Inflammation and Macrophage Polarization. Applied Sciences (Switzerland), 2022, 12, 6076.	2.5	1
79	Pseudomonas Aeruginosa Infection Up-Regulates Expression Of NOX Proteins And ROS Generation In Vivo And In Vitro. , 2011, , .		0
80	TREM-1 Inhibits Apoptosis Of Macrophage By Inducing EGR2 Signaling. , 2011, , .		0
81	Late Breaking Abstract - Vitamin D suppresses LPS-induced ER stress and inflammation via modulation of mir-34a/Sirt1 axis in acute lung injury. , 2019, , .		0
82	MiR-34a favours macrophage polarization switch from M2 to M1 phenotype in non small cell lung cancer (NSCLC). , 2020, , .		0