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	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
2	Nano-donuts shaped nickel oxide nanostructures for sensitive non-enzymatic electrochemical detection of glucose. Microsystem Technologies, 2022, 28, 313-318.	2.0	7
3	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
4	Long non-coding RNA (lncRNA): A potential therapeutic target in acute lung injury. Genes and Diseases, 2022, 9, 1258-1268.	3.4	15
5	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
6	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
7	Identification and Validation of Pathogenic Genes in Sepsis and Associated Diseases by Integrated Bioinformatics Approach. Genes, 2022, 13, 209.	2.4	4
8	Carbonic anhydrase IX: A tumor acidification switch in heterogeneity and chemokine regulation. Seminars in Cancer Biology, 2022, 86, 899-913.	9.6	30
9	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
10	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
11	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
12	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
13	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
14	Vitamin D and its therapeutic relevance in pulmonary diseases. Journal of Nutritional Biochemistry, 2021, 90, 108571.	4.2	36
15	Long non-coding RNA: An immune cells perspective. Life Sciences, 2021, 271, 119152.	4.3	32
16	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
17	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
18	The role of mitophagy in pulmonary sepsis. Mitochondrion, 2021, 59, 63-75.	3.4	25

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19	Hypertensive Patients Exhibit Enhanced Thrombospondin-1 Levels at High-Altitude. Life, 2021, 11, 893.	2.4	6
20	Comprehensive Integrative Analysis Reveals the Association of KLF4 with Macrophage Infiltration and Polarization in Lung Cancer Microenvironment. Cells, 2021, 10, 2091.	4.1	18
21	Revealing new therapeutic opportunities in hypertension through network-driven integrative genetic analysis and drug target prediction approach. Gene, 2021, 801, 145856.	2.2	5
22	Mitochondrial dynamics and mitophagy in lung disorders. Life Sciences, 2021, 284, 119876.	4.3	46
23	Engineered Hierarchical CuO Nanoleaves Based Electrochemical Nonenzymatic Biosensor for Glucose Detection. Journal of the Electrochemical Society, 2021, 168, 017501.	2.9	83
24	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
25	Unravelling host-pathogen interactions: ceRNA network in SARS-CoV-2 infection (COVID-19). Gene, 2020, 762, 145057.	2.2	50
26	COVID-19: The Emerging Immunopathological Determinants for Recovery or Death. Frontiers in Microbiology, 2020, 11, 588409.	3.5	19
27	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
28	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
29	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
30	Nerolidol protects the liver against cyclophosphamideâ€induced hepatic inflammation, apoptosis, and fibrosis via modulation of Nrf2, <scp>NFâ€ºB</scp> p65, and caspaseâ€3 signaling molecules in Swiss albino mice. BioFactors, 2020, 46, 963-973.	5.4	25
31	Transcriptomic analysis delineates potential signature genes and miRNAs associated with the pathogenesis of asthma. Scientific Reports, 2020, 10, 13354.	3.3	20
32	Inhibition of miRNA-34a Promotes M2 Macrophage Polarization and Improves LPS-Induced Lung Injury by Targeting Klf4. Genes, 2020, 11, 966.	2.4	22
33	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
34	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
35	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
36	Effect of nerolidol on cyclophosphamide-induced bone marrow and hematologic toxicity in Swiss albino mice. Experimental Hematology, 2020, 82, 24-32.	0.4	27

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37	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
38	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
39	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
40	MiR-34a favours macrophage polarization switch from M2 to M1 phenotype in non small cell lung cancer (NSCLC). , 2020, , .		0
41	MicroRNA in lung cancer: role, mechanisms, pathways and therapeutic relevance. Molecular Aspects of Medicine, 2019, 70, 3-20.	6.4	307
42	TLRs in pulmonary diseases. Life Sciences, 2019, 233, 116671.	4.3	63
43	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
44	Nerolidol attenuates cyclophosphamide-induced cardiac inflammation, apoptosis and fibrosis in Swiss Albino mice. European Journal of Pharmacology, 2019, 863, 172666.	3.5	46
45	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
46	Novel Chitohexaose Analog Protects Young and Aged mice from CLP Induced Polymicrobial Sepsis. Scientific Reports, 2019, 9, 2904.	3.3	27
47	Transcriptome Meta-Analysis Deciphers a Dysregulation in Immune Response-Associated Gene Signatures during Sepsis. Genes, 2019, 10, 1005.	2.4	26
48	Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision. Life Sciences, 2019, 218, 112-131.	4.3	171
49	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
50	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
51	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie - International Edition, 2018, 57, 7116-7119.	13.8	32
52	Raspberry ketone protects against isoproterenol-induced myocardial infarction in rats. Life Sciences, 2018, 194, 205-212.	4.3	51
53	Macrophages: Their role, activation and polarization in pulmonary diseases. Immunobiology, 2018, 223, 383-396.	1.9	390
54	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

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55	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie, 2018, 130, 7234-7237.	2.0	2
56	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. Cell Stress, 2018, 2, 34-36.	3.2	8
57	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. Cell Stress, 2018, 2, 34-36.	3.2	4
58	Hyperoxia causes miR-34a-mediated injury via angiopoietin-1 in neonatal lungs. Nature Communications, 2017, 8, 1173.	12.8	100
59	Vitamin K and its analogs: Potential avenues for prostate cancer management. Oncotarget, 2017, 8, 57782-57799.	1.8	44
60	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
61	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
62	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
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	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
65	An Analysis of MIF Structural Features that Control Functional Activation of CD74. Chemistry and Biology, 2015, 22, 1197-1205.	6.0	73
66	p47phox and reactive oxygen species production modulate expression of microRNA-451 in macrophages. Free Radical Research, 2015, 49, 25-34.	3.3	18
67	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
68	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
69	The Effect of Modified Ultrafiltration on Angiopoietins in Pediatric Cardiothoracic Operations. Annals of Thoracic Surgery, 2014, 98, 1699-1704.	1.3	9
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	A Model of GAG/MIP-2/CXCR2 Interfaces and Its Functional Effects. Biochemistry, 2012, 51, 5642-5654.	2.5	24
78	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
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	MicroRNA Let-7i (MiR-let-7i) Is Induced During The TREM-1 Activation. , 2010, , .		3
82	Expression of TREM-1 is inhibited by PGD2 and PGJ2 in macrophages. Experimental Cell Research, 2010, 316, 3140-3149.	2.6	28