Suzanne M Cloonan

List of Publications by Year
in descending order

47 papers	3,640 citations	159585 30 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	6243 citing authors

#	Article	IF	Citations
1	Mitophagy-dependent necroptosis contributes to the pathogenesis of COPD. Journal of Clinical Investigation, 2014, 124, 3987-4003.	8.2	469
2	Autophagy and inflammation in chronic respiratory disease. Autophagy, 2018, 14, 221-232.	9.1	317
3	Autophagy: A Critical Regulator of Cellular Metabolism and Homeostasis. Molecules and Cells, 2013, 36, 7-16.	2.6	270
4	Histone deacetylase 6â€“mediated selective autophagy regulates COPD-associated cilia dysfunction. Journal of Clinical Investigation, 2013, 123, 5212-5230.	8.2	266
5	Mitochondrial iron chelation ameliorates cigarette smokeâ€“induced bronchitis and emphysema in mice. Nature Medicine, 2016, 22, 163-174.	30.7	206
6	Mitochondria in lung disease. Journal of Clinical Investigation, 2016, 126, 809-820.	8.2	198
7	Luminescent Ruthenium(II) Polypyridyl Functionalized Gold Nanoparticles; Their DNA Binding Abilities and Application As Cellular Imaging Agents. Journal of the American Chemical Society, 2011, 133, 15862-15865.	13.7	141
8	The Emerging Importance of Autophagy in Pulmonary Diseases. Chest, 2012, 142, 1289-1299.	0.8	110
9	Mitochondrial Iron in Human Health and Disease. Annual Review of Physiology, 2019, 81, 453-482.	13.1	106
10	Copper depletion modulates mitochondrial oxidative phosphorylation to impair triple negative breast cancer metastasis. Nature Communications, 2021, 12, 7311.	12.8	101
11	Mitofusins regulate lipid metabolism to mediate the development of lung fibrosis. Nature Communications, 2019, 10, 3390.	12.8	93
12	Mitochondria: commanders of innate immunity and disease?. Current Opinion in Immunology, 2012, 24, 32-40.	5.5	84
13	The antidepressants maprotiline and fluoxetine induce Type II autophagic cell death in drugâ€resistant Burkitt's lymphoma. International Journal of Cancer, 2011, 128, 1712-1723.	5.1	82
14	Autophagy: A Crucial Moderator of Redox Balance, Inflammation, and Apoptosis in Lung Disease. Antioxidants and Redox Signaling, 2014, 20, 474-494.	5.4	81
15	Dendritic cellâ€“derived hepcidin sequesters iron from the microbiota to promote mucosal healing. Science, 2020, 368, 186-189.	12.6	80
16	â€œCiliophagyâ€• Autophagy, 2014, 10, 532-534.	9.1	76
17	The â€œIronâ€•y of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1103-1112.	5.6	76
18	Detailed Biological Profiling of a Photoactivated and Apoptosis Inducing pdppz Ruthenium(II) Polypyridyl Complex in Cancer Cells. Journal of Medicinal Chemistry, 2015, 58, 4494-4505.	6.4	74

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19	Mitochondria: at the crossroads of regulating lung epithelial cell function in chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L149-L164.	2.9	68
20	Mitochondrial dysfunction in lung ageing and disease. European Respiratory Review, 2020, 29, 200165.	7.1	56
21	Identification of Tubulin as the Molecular Target of Proapoptotic Pyrrolo-1,5-benzoxazepines. Molecular Pharmacology, 2006, 70, 60-70.	2.3	55
22	Therapeutic Potential of Heme Oxygenase-1/Carbon Monoxide in Lung Disease. International Journal of Hypertension, 2012, 2012, 1-19.	1.3	55
23	Mitochondria: sensors and mediators of innate immune receptor signaling. Current Opinion in Microbiology, 2013, 16, 327-338.	5.1	54
24	Self-assembly of hybrid organicâ€“inorganic polyoxovanadates: functionalised mixed-valent clusters and molecular cages. Dalton Transactions, 2012, 41, 2918.	3.3	45
25	The antidepressants maprotiline and fluoxetine have potent selective antiproliferative effects against Burkitt lymphoma independently of the norepinephrine and serotonin transporters. Leukemia and Lymphoma, 2010, 51, 523-539.	1.3	39
26	Quaternarized pdppz: synthesis, DNA-binding and biological studies of a novel dppz derivative that causes cellular death upon light irradiation. Chemical Communications, 2011, 47, 686-688.	4.1	38
27	Alveolar Macrophage Immunometabolism and Lung Function Impairment in Smoking and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 735-739.	5.6	37
28	Reversal of emphysema by restoration of pulmonary endothelial cells. Journal of Experimental Medicine, 2021, 218, .	8.5	37
29	Association of urine mitochondrial DNA with clinical measures of COPD in the SPIROMICS cohort. JCI Insight, 2020, 5, .	5.0	37
30	Smoking-induced iron dysregulation in the lung. Free Radical Biology and Medicine, 2019, 133, 238-247.	2.9	33
31	Nutritional immunity: the impact of metals on lung immune cells and the airway microbiome during chronic respiratory disease. Respiratory Research, 2021, 22, 133.	3.6	32
32	Inflammation drives alternative first exon usage to regulate immune genes including a novel iron-regulated isoform of Aim2. ELife, 2021, 10, .	6.0	23
33	Synthesis and serotonin transporter activity of 1,3-bis(aryl)-2-nitro-1-propenes as a new class of anticancer agents. Bioorganic and Medicinal Chemistry, 2011, 19, 1328-1348.	3.0	21
34	Synthesis and serotonin transporter activity of sulphur-substituted Î±-alkyl phenethylamines as a new class of anticancer agents. European Journal of Medicinal Chemistry, 2009, 44, 4862-4888.	5.5	20
35	Fatty acid synthase downregulation contributes to acute lung injury in murine diet-induced obesity. JCI Insight, 2019, 4, .	5.0	20
36	ToF-SIMS mediated analysis of human lung tissue reveals increased iron deposition in COPD (GOLD IV) patients. Scientific Reports, 2019, 9, 10060.	3.3	18

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37	Beclin-1 regulates cigarette smokeâ€“induced kidney injury in a murine model of chronic obstructive pulmonary disease. JCI Insight, 2018, 3, .	5.0	15
38	Signaling metabolite L-2-hydroxyglutarate activates the transcription factor HIF-1Î± in lipopolysaccharide-activated macrophages. Journal of Biological Chemistry, 2022, 298, 101501.	3.4	15
39	Synthesis and antiproliferative action of a novel series of maprotiline analogues. European Journal of Medicinal Chemistry, 2014, 71, 333-353.	5.5	14
40	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. Scientific Reports, 2020, 10, 10562.	3.3	14
41	Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. Respiratory Research, 2021, 22, 126.	3.6	14
42	Hepcidin Is Essential for Alveolar Macrophage Function and Is Disrupted by Smoke in a Murine Chronic Obstructive Pulmonary Disease Model. Journal of Immunology, 2020, 205, 2489-2498.	0.8	13
43	Novel microtubule-targeting agents, pyrrolo-1,5-benzoxazepines, induce cell cycle arrest and apoptosis in prostate cancer cells. Oncology Reports, 2010, 24, 1499-507.	2.6	12
44	Do sputum or circulating blood samples reflect the pulmonary transcriptomic differences of COPD patients? A multi-tissue transcriptomic network META-analysis. Respiratory Research, 2019, 20, 5.	3.6	9
45	Synthesis and in vitro toxicity of 4-MTA, its characteristic clandestine synthesis byproducts and related sulfur substituted Î±-alkylthioamphetamines. Bioorganic and Medicinal Chemistry, 2010, 18, 4009-4031.	3.0	7
46	Circulating Mitochondrial DNA as a Mechanism-based, Prognostic Biomarker for Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1502-1504.	5.6	6
47	To â€œFeâ€ed or Not to â€œFeâ€ed: Iron Depletion Exacerbates Emphysema Development in Murine Smoke Model. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 541-542.	2.9	3