

# Suzanne M Cloonan

## List of Publications by Year in descending order

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53  
papers

3,831  
citations

139253  
30  
h-index

177248  
49  
g-index

56  
all docs

56  
docs citations

56  
times ranked

6613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of urine mitochondrial DNA with clinical measures of COPD in the SPIROMICS cohort. JCI Insight, 2024, 9, .	5.5	0
2	Iron Chelation Therapy Elicits Innate Immune Control of Metastatic Ovarian Cancer. Cancer Discovery, 2024, 14, 1901-1921.	26.4	3
3	Alveolar epithelial cells mitigate neutrophilic inflammation in lung injury through regulating mitochondrial fatty acid oxidation. Nature Communications, 2024, 15, .	14.1	1
4	<i>LincRNA-Cox2</i> Regulates Smoke-induced Inflammation in Murine Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2023, 68, 511-522.	3.9	5
5	â€œKEAPâ€œng Alveolar Macrophage Mitochondria Content in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2023, 207, 962-964.	9.7	0
6	Use of the Iron Chelator Deferiprone to Restore Function in BAL Fluid Macrophages in Smoking and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2023, 68, 458-462.	3.9	3
7	Alveolar type II epithelial cell FASN maintains lipid homeostasis in experimental COPD. JCI Insight, 2023, 8, .	5.5	5
8	Signaling metabolite L-2-hydroxyglutarate activates the transcription factor HIF-1Î± in lipopolysaccharide-activated macrophages. Journal of Biological Chemistry, 2022, 298, 101501.	2.3	28
9	Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. Respiratory Research, 2021, 22, .	4.4	15
10	Nutritional immunity: the impact of metals on lung immune cells and the airway microbiome during chronic respiratory disease. Respiratory Research, 2021, 22, .	4.4	39
11	Author response: Inflammation drives alternative first exon usage to regulate immune genes including a novel iron-regulated isoform of Aim2. , 2021, , .		0
12	Reversal of emphysema by restoration of pulmonary endothelial cells. Journal of Experimental Medicine, 2021, 218, .	8.1	49
13	Copper depletion modulates mitochondrial oxidative phosphorylation to impair triple negative breast cancer metastasis. Nature Communications, 2021, 12, .	14.1	148
14	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.	3.3	83
15	To â€œFeâ€œd or Not to â€œFeâ€œd: Iron Depletion Exacerbates Emphysema Development in Murine Smoke Model. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 541-542.	3.9	4
16	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.	9.7	45
17	Mitochondrial dysfunction in lung ageing and disease. European Respiratory Review, 2020, 29, 200165.	9.2	71
18	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. Scientific Reports, 2020, 10, .	3.7	15

#	ARTICLE	IF	CITATIONS
19	Hepcidin Is Essential for Alveolar Macrophage Function and Is Disrupted by Smoke in a Murine Chronic Obstructive Pulmonary Disease Model. <i>Journal of Immunology</i> , 2020, 205, 2489-2498.	0.6	13
20	Association of urine mitochondrial DNA with clinical measures of COPD in the SPIROMICS cohort. <i>JCI Insight</i> , 2020, 5, .	5.5	31
21	Smoking-induced iron dysregulation in the lung. <i>Free Radical Biology and Medicine</i> , 2019, 133, 238-247.	3.0	31
22	ToF-SIMS mediated analysis of human lung tissue reveals increased iron deposition in COPD (GOLD IV) patients. <i>Scientific Reports</i> , 2019, 9, .	3.7	21
23	Mitofusins regulate lipid metabolism to mediate the development of lung fibrosis. <i>Nature Communications</i> , 2019, 10, .	14.1	117
24	Do sputum or circulating blood samples reflect the pulmonary transcriptomic differences of COPD patients? A multi-tissue transcriptomic network META-analysis. <i>Respiratory Research</i> , 2019, 20, .	4.4	12
25	Mitochondrial Iron in Human Health and Disease. <i>Annual Review of Physiology</i> , 2019, 81, 453-482.	17.9	134
26	Fatty acid synthase downregulation contributes to acute lung injury in murine diet-induced obesity. <i>JCI Insight</i> , 2019, 4, .	5.5	23
27	Autophagy and inflammation in chronic respiratory disease. <i>Autophagy</i> , 2018, 14, 221-232.	13.8	372
28	Beclin-1 regulates cigarette smoke-induced kidney injury in a murine model of chronic obstructive pulmonary disease. <i>JCI Insight</i> , 2018, 3, .	5.5	18
29	The $\gamma$ of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1103-1112.	9.7	75
30	Circulating Mitochondrial DNA as a Mechanism-based, Prognostic Biomarker for Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1502-1504.	9.7	5
31	Mitochondria in lung disease. <i>Journal of Clinical Investigation</i> , 2016, 126, 809-820.	9.1	216
32	Mitochondrial iron chelation ameliorates cigarette smoke-induced bronchitis and emphysema in mice. <i>Nature Medicine</i> , 2016, 22, 163-174.	25.6	191
33	Detailed Biological Profiling of a Photoactivated and Apoptosis Inducing pdppz Ruthenium(II) Polypyridyl Complex in Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4494-4505.	6.9	80
34	$\alpha$ -Ciliophagy. <i>Autophagy</i> , 2014, 10, 532-534.	13.8	81
35	Autophagy: A Crucial Moderator of Redox Balance, Inflammation, and Apoptosis in Lung Disease. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 474-494.	6.4	83
36	Mitophagy-dependent necroptosis contributes to the pathogenesis of COPD. <i>Journal of Clinical Investigation</i> , 2014, 124, 3987-4003.	9.1	478

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37	Autophagy: A Critical Regulator of Cellular Metabolism and Homeostasis. <i>Molecules and Cells</i> , 2013, 36, 7-16.	5.0	268
38	Mitochondria: sensors and mediators of innate immune receptor signaling. <i>Current Opinion in Microbiology</i> , 2013, 16, 327-338.	7.7	55
39	Histone deacetylase mediated selective autophagy regulates COPD-associated cilia dysfunction. <i>Journal of Clinical Investigation</i> , 2013, 123, 5212-5230.	9.1	254
40	Therapeutic Potential of Heme Oxygenase-1/Carbon Monoxide in Lung Disease. <i>International Journal of Hypertension</i> , 2012, 2012, 1-19.	1.5	57
41	The Emerging Importance of Autophagy in Pulmonary Diseases. <i>Chest</i> , 2012, 142, 1289-1299.	0.5	100
42	Mitochondria: commanders of innate immunity and disease?. <i>Current Opinion in Immunology</i> , 2012, 24, 32-40.	5.6	79
43	Self-assembly of hybrid organic-inorganic polyoxovanadates: functionalised mixed-valent clusters and molecular cages. <i>Dalton Transactions</i> , 2012, 41, 2918.	3.2	47
44	Luminescent Ruthenium(II) Polypyridyl Functionalized Gold Nanoparticles; Their DNA Binding Abilities and Application As Cellular Imaging Agents. <i>Journal of the American Chemical Society</i> , 2011, 133, 15862-15865.	15.7	145
45	Quaternarized pdppz: synthesis, DNA-binding and biological studies of a novel dppz derivative that causes cellular death upon light irradiation. <i>Chemical Communications</i> , 2011, 47, 686-688.	4.2	37
46	The antidepressants maprotiline and fluoxetine induce Type II autophagic cell death in drug-resistant Burkitt's lymphoma. <i>International Journal of Cancer</i> , 2011, 128, 1712-1723.	4.5	82
47	Synthesis and serotonin transporter activity of 1,3-bis(aryl)-2-nitro-1-propenes as a new class of anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1328-1348.	2.7	20
48	Synthesis and in vitro toxicity of 4-MTA, its characteristic clandestine synthesis byproducts and related sulfur substituted $\alpha$ -alkylthioamphetamines. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4009-4031.	2.7	7
49	The antidepressants maprotiline and fluoxetine have potent selective antiproliferative effects against Burkitt lymphoma independently of the norepinephrine and serotonin transporters. <i>Leukemia and Lymphoma</i> , 2010, 51, 523-539.	1.6	37
50	Novel microtubule-targeting agents, pyrrolo-1,5-benzoxazepines, induce cell cycle arrest and apoptosis in prostate cancer cells. <i>Oncology Reports</i> , 2010, 24, .	2.4	12
51	Synthesis and serotonin transporter activity of sulphur-substituted $\alpha$ -alkyl phenethylamines as a new class of anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4862-4888.	5.5	21
52	Inflammation drives alternative first exon usage to regulate immune genes including a novel iron-regulated isoform of Aim2. <i>ELife</i> , 0, 10, .	1.6	22
53	OLA1 Phosphorylation: A Distress Signal from Damaged Endothelial Mitochondria?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 0, .	3.9	0