

# CITATION REPORT

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## Role of apoptosis in the pathogenesis of COPD and pulmonary emphysema

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#	Paper	IF	Citations
369	[Pathogenesis of chronic obstructive pulmonary disease]. <b>2006</b> , 47, 885-6, 888-90, 892-4		4
368	Airway epithelial stem cells and the pathophysiology of chronic obstructive pulmonary disease. <b>2006</b> , 3, 718-25		90
367	Molecular multitasking in the airspace: alpha1-antitrypsin takes on thrombin and plasmin. <b>2007</b> , 37, 130-4		8
366	Nitrosative stress inhibits the aminophospholipid translocase resulting in phosphatidylserine externalization and macrophage engulfment: implications for the resolution of inflammation. <b>2007</b> , 282, 8498-509		61
365	Impaired flow-mediated dilation is associated with low pulmonary function and emphysema in ex-smokers: the Emphysema and Cancer Action Project (EMCAP) Study. <b>2007</b> , 176, 1200-7		182
364	Update in chronic obstructive pulmonary disease 2006. <b>2007</b> , 175, 1222-32		69
363	The Fas/Fas-ligand pathway does not mediate the apoptosis in elastase-induced emphysema in mice. <b>2007</b> , 33, 277-88		12
362	Breath condensate nitrite correlates with hyperinflation in chronic obstructive pulmonary disease. <b>2007</b> , 101, 2271-8		21
361	The potential role of natural agents in treatment of airway inflammation. <b>2007</b> , 1, 105-20		33
360	Prostaglandin E(2) protects human lung fibroblasts from cigarette smoke extract-induced apoptosis via EP(2) receptor activation. <b>2007</b> , 210, 99-110		21
359	EPOC. <b>2007</b> , 43, 15-23		1
358	Nuevas perspectivas terapéuticas farmacológicas en el manejo de la EPOC. <b>2007</b> , 43, 27-35		
357	Cellular and molecular mechanisms of cigarette smoke-induced lung damage and prevention by vitamin C. <b>2008</b> , 5, 21		38
356	Induction of apoptosis by cigarette smoke via ROS-dependent endoplasmic reticulum stress and CCAAT/enhancer-binding protein-homologous protein (CHOP). <b>2008</b> , 45, 50-9		150
355	Phagocytic clearance of apoptotic cells: role in lung disease. <b>2008</b> , 2, 753-65		19
354	Ceramide elevates 12-hydroxyeicosatetraenoic acid levels and upregulates 12-lipoxygenase in rat primary hippocampal cell cultures containing predominantly astrocytes. <b>2008</b> , 53, 220-9		19
353	Implications of apoptotic cell death of resident and recruited cells in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2008</b> , 5, 143-5	2	3

352	Lung Cell Biology. <b>2008</b> , 35-43		1
351	Apoptosis in the lung: induction, clearance and detection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L601-11	5.8	80
350	Alveolar macrophage activation and an emphysema-like phenotype in adiponectin-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L1035-42	5.8	99
349	Mechanical ventilation uncouples synthesis and assembly of elastin and increases apoptosis in lungs of newborn mice. Prelude to defective alveolar septation during lung development?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L3-14	5.8	87
348	Human type II pneumocyte chemotactic responses to CXCR3 activation are mediated by splice variant A. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L1187-96	5.8	20
347	Disruption of p21 attenuates lung inflammation induced by cigarette smoke, LPS, and fMLP in mice. <b>2008</b> , 39, 7-18		72
346	Lung fibroblast repair functions in patients with chronic obstructive pulmonary disease are altered by multiple mechanisms. <b>2008</b> , 178, 248-60		141
345	Overexpression of apoptotic cell removal receptor MERTK in alveolar macrophages of cigarette smokers. <b>2008</b> , 39, 747-57		48
344	Acidic mammalian chitinase regulates epithelial cell apoptosis via a chitinolytic-independent mechanism. <b>2009</b> , 182, 5098-106		37
343	Mesenchymal cell fate and phenotypes in the pathogenesis of emphysema. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2009</b> , 6, 201-10	2	14
342	Increased soluble serum markers caspase-cleaved cytokeratin-18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD. <b>2009</b> , 23, 372-9		31
341	Formation of an unusual product in the reaction of a 1,2,5-thiadiazolidine 1,1-dioxide-derived thioether with sulfuryl chloride. <b>2009</b> , 46, 669-673		1
340	[Immunocytochemical detection of caspase 3 in various diseases of human nasal mucosa]. <b>2009</b> , 57, 466-72		6
339	A mathematical model of protease-antiprotease homeostasis failure in chronic obstructive pulmonary disease (COPD). <b>2009</b> , 29, 576-86		9
338	Multiplexed quantitative high content screening reveals that cigarette smoke condensate induces changes in cell structure and function through alterations in cell signaling pathways in human bronchial cells. <b>2009</b> , 261, 89-102		25
337	Mechanism-based inhibitors of serine proteases with high selectivity through optimization of S' subsite binding. <b>2009</b> , 17, 3536-42		16
336	Increase of matrix metalloproteinases in woodsmoke-induced lung emphysema in guinea pigs. <i>Inhalation Toxicology</i> , <b>2009</b> , 21, 119-32	2.7	20
335	Ginkgo biloba extract confers protection from cigarette smoke extract-induced apoptosis in human lung endothelial cells: Role of heme oxygenase-1. <b>2009</b> , 22, 286-96		45

334	Serum soluble Fas ligand and nitric oxide in long-term pulmonary complications induced by sulfur mustard: Sardasht-Iran Cohort Study. <b>2009</b> , 9, 1489-93		17
333	Prevention of elastase-induced emphysema in placenta growth factor knock-out mice. <i>Respiratory Research</i> , <b>2009</b> , 10, 115	7-3	23
332	The role of oxidative stress in COPD: current concepts and perspectives. <b>2009</b> , 35, 1227-37		27
331	Effects of structure on inhibitory activity in a series of mechanism-based inhibitors of human neutrophil elastase. <b>2010</b> , 18, 6646-50		4
330	Impairment of phagocytosis of apoptotic cells and its role in chronic airway diseases. <b>2010</b> , 15, 1137-46		29
329	[Role of inflammation in the etiopathogenesis of COPD]. <b>2010</b> , 46 Suppl 11, 2-7		1
328	Deregulation of apoptosis mediators' p53 and bcl2 in lung tissue of COPD patients. <i>Respiratory Research</i> , <b>2010</b> , 11, 46	7-3	35
327	Utilization of the 1,2,3,5-thiazolidin-3-one 1,1-dioxide scaffold in the design of potential inhibitors of human neutrophil proteinase 3. <b>2010</b> , 18, 1093-102		15
326	Inhibitors of human neutrophil elastase based on a highly functionalized N-amino-4-imidazolidinone scaffold. <b>2010</b> , 45, 4280-7		4
325	Granzymes in age-related cardiovascular and pulmonary diseases. <b>2010</b> , 17, 596-606		49
324	Chronic cigarette smoke exposure primes NK cell activation in a mouse model of chronic obstructive pulmonary disease. <b>2010</b> , 184, 4460-9		60
323	CT emphysema predicts thoracic aortic calcification in smokers with and without COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2010</b> , 7, 404-10	2	24
322	Fas/Fas ligand-mediated apoptosis promotes hypersensitivity pneumonitis in mice by enhancing maturation of dendritic cells. <b>2010</b> , 181, 1250-61		11
321	Percent emphysema, airflow obstruction, and impaired left ventricular filling. <b>2010</b> , 362, 217-27		396
320	Mesenchymal stem cell therapy for the treatment of chronic obstructive pulmonary disease. <b>2010</b> , 10, 681-7		57
319	Lung injury and cancer: Mechanistic insights into ceramide and EGFR signaling under cigarette smoke. <b>2010</b> , 43, 259-68		62
318	Current perspectives of oxidative stress and its measurement in chronic obstructive pulmonary disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2010</b> , 7, 291-306	2	40
317	Cigarette smoke induces PTX3 expression in pulmonary veins of mice in an IL-1 dependent manner. <i>Respiratory Research</i> , <b>2010</b> , 11, 134	7-3	16

316	1,4-Benzoquinone (PBQ) induced toxicity in lung epithelial cells is mediated by the disruption of the microtubule network and activation of caspase-3. <b>2010</b> , 23, 1054-66		43
315	Overexpression of transforming growth factor (TGF)-beta1 and TGF-beta3 genes in lung of toxic-inhaled patients. <b>2010</b> , 36, 284-91		26
314	A model to identify novel targets involved in oxidative stress-induced apoptosis in human lung epithelial cells by RNA interference. <b>2010</b> , 24, 310-8		4
313	The preclinical pharmacology of roflumilast--a selective, oral phosphodiesterase 4 inhibitor in development for chronic obstructive pulmonary disease. <b>2010</b> , 23, 235-56		220
312	Involvement of type II pneumocytes in the pathogenesis of chronic obstructive pulmonary disease. <b>2010</b> , 104, 1391-5		32
311	Chronic Obstructive Pulmonary Disease and Bronchopulmonary Dysplasia: Common Mechanisms But Distinct Manifestations?. <b>2011</b> , 24, 119-125		1
310	Neutral sphingomyelinase 2: a novel target in cigarette smoke-induced apoptosis and lung injury. <b>2011</b> , 44, 350-60		65
309	Molecular and cellular mechanism of lung injuries due to exposure to sulfur mustard: a review. <i>Inhalation Toxicology</i> , <b>2011</b> , 23, 363-371	2.7	71
308	Nitrative stress in inflammatory lung diseases. <b>2011</b> , 25, 138-44		95
307	Local and systemic effects of angiotensin receptor blockade in an emphysema mouse model. <b>2011</b> , 24, 215-20		16
306	Benzo[a]pyrene and tumor necrosis factor- $\alpha$ coordinately increase genotoxic damage and the production of proinflammatory mediators in alveolar epithelial type II cells. <b>2011</b> , 206, 121-9		43
305	New insights into the immunology of chronic obstructive pulmonary disease. <b>2011</b> , 378, 1015-26		512
304	Short-term exposure of mice to cigarette smoke and/or residual oil fly ash produces proximal airspace enlargements and airway epithelium remodeling. <b>2011</b> , 44, 460-8		27
303	Oxidative DNA damage in lung tissue from patients with COPD is clustered in functionally significant sequences. <i>International Journal of COPD</i> , <b>2011</b> , 6, 209-17	3	37
302	Increased expression of beta-defensin 1 (DEFB1) in chronic obstructive pulmonary disease. <b>2011</b> , 6, e21898		53
301	Pathogenic triad in COPD: oxidative stress, protease-antiprotease imbalance, and inflammation. <i>International Journal of COPD</i> , <b>2011</b> , 6, 413-21	3	174
300	Heat shock protein 27 and cyclophilin A associate with the pathogenesis of COPD. <b>2011</b> , 16, 983-93		17
299	A causal model of chronic obstructive pulmonary disease (COPD) risk. <b>2011</b> , 31, 38-62		13

298	N-acetyl-L-cysteine (NAC) inhibit mucin synthesis and pro-inflammatory mediators in alveolar type II epithelial cells infected with influenza virus A and B and with respiratory syncytial virus (RSV). <b>2011</b> , 82, 548-55	79
297	Effect of cigarette smoke and dexamethasone on Hsp72 system of alveolar epithelial cells. <b>2011</b> , 16, 369-78	19
296	Dual function inhibitors of relevance to chronic obstructive pulmonary disease. <b>2011</b> , 21, 3177-80	4
295	Role of breast regression protein-39 in the pathogenesis of cigarette smoke-induced inflammation and emphysema. <b>2011</b> , 44, 777-86	56
294	p53 mediates cigarette smoke-induced apoptosis of pulmonary endothelial cells: inhibitory effects of macrophage migration inhibitor factor. <b>2011</b> , 44, 323-32	57
293	Interleukin-6 promotes pulmonary emphysema associated with apoptosis in mice. <b>2011</b> , 45, 720-30	56
292	Cigarette smoke targets glutaredoxin 1, increasing s-glutathionylation and epithelial cell death. <b>2011</b> , 45, 931-7	22
291	Structure-function relations in an elastase-induced mouse model of emphysema. <b>2011</b> , 45, 517-24	49
290	MicroRNA expression in induced sputum of smokers and patients with chronic obstructive pulmonary disease. <b>2011</b> , 183, 898-906	187
289	The role of endoplasmic reticulum stress in emphysema results from cigarette smoke exposure. <b>2011</b> , 28, 725-32	29
288	Impaired lung 123I-MIBG uptake on SPECT in pulmonary emphysema. <b>2011</b> , 52, 1378-84	7
287	HIV and chronic obstructive pulmonary disease: is it worse and why?. <b>2011</b> , 8, 320-5	79
286	Therapeutic effect of lecithinized superoxide dismutase on pulmonary emphysema. <b>2011</b> , 338, 810-8	21
285	Lung injury after cigarette smoking is particle related. <i>International Journal of COPD</i> , <b>2011</b> , 6, 191-8	3 18
284	Genetic ablation of the aryl hydrocarbon receptor causes cigarette smoke-induced mitochondrial dysfunction and apoptosis. <b>2011</b> , 286, 43214-28	68
283	Carbocisteine protects against emphysema induced by cigarette smoke extract in rats. <b>2011</b> , 139, 1101-1108	26
282	Critical role of CFTR-dependent lipid rafts in cigarette smoke-induced lung epithelial injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 300, L811-20	5.8 77
281	Deregulated Stat3 signaling dissociates pulmonary inflammation from emphysema in gp130 mutant mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L627-39 <sup>5.8</sup>	28

280	Potential significance of telocytes in the pathogenesis of lung diseases. <b>2012</b> , 6, 45-9		45
279	Piclamilast inhibits the pro-apoptotic and anti-proliferative responses of A549 cells exposed to H <sub>2</sub> O <sub>2</sub> via mechanisms involving AP-1 activation. <b>2012</b> , 46, 690-9		12
278	An association between neutrophils and immunoglobulin free light chains in the pathogenesis of chronic obstructive pulmonary disease. <b>2012</b> , 185, 817-24		44
277	Salubrinal protects against cigarette smoke extract-induced HBEpC apoptosis likely via regulating the activity of PERK-eIF2 $\beta$ signaling pathway. <b>2012</b> , 43, 522-9		34
276	4-Hydroxy-2-nonenal induces chronic obstructive pulmonary disease-like histopathologic changes in mice. <b>2012</b> , 420, 84-90		11
275	Carbon nanoparticles induce ceramide- and lipid raft-dependent signalling in lung epithelial cells: a target for a preventive strategy against environmentally-induced lung inflammation. <b>2012</b> , 9, 48		38
274	COPD and Other Inflammatory Diseases of the Lung: Focus on AhR Signaling. <b>2012</b> , 313-343		1
273	Beraprost sodium attenuates cigarette smoke extract-induced apoptosis in vascular endothelial cells. <b>2012</b> , 39, 10447-57		24
272	Effect of cigarette smoke exposure and structural modifications on the $\alpha$ 1 Antitrypsin interaction with caspases. <b>2012</b> , 18, 445-54		37
271	The role of small heat-shock protein B-crystalline (HspB5) in COPD pathogenesis. <i>International Journal of COPD</i> , <b>2012</b> , 7, 633-40	3	8
270	Protection of lung epithelial cells from protease-mediated injury by trappin-2 A62L, an engineered inhibitor of neutrophil serine proteases. <b>2012</b> , 83, 1663-73		8
269	Imbalance of apoptosis and cell proliferation contributes to the development and persistence of emphysema. <b>2012</b> , 190, 69-82		18
268	Romo1 expression contributes to oxidative stress-induced death of lung epithelial cells. <b>2013</b> , 439, 315-20		31
267	Xanthine oxidoreductase is a critical mediator of cigarette smoke-induced endothelial cell DNA damage and apoptosis. <b>2013</b> , 60, 336-46		23
266	Ceramides: a potential therapeutic target in pulmonary emphysema. <i>Respiratory Research</i> , <b>2013</b> , 14, 96	7.3	18
265	Expression of vascular remodelling markers in relation to bradykinin receptors in asthma and COPD. <b>2013</b> , 68, 803-11		23
264	Hypoxia-induced deoxycytidine kinase expression contributes to apoptosis in chronic lung disease. <b>2013</b> , 27, 2013-26		13
263	Unhealthy diet and ultrafine carbon black particles induce senescence and disease associated phenotypic changes. <b>2013</b> , 48, 8-16		35

262	Triggering regeneration and tackling apoptosis: a combinatorial approach to treating congenital muscular dystrophy type 1 A. <b>2013</b> , 22, 4306-17		17
261	Emphysema and mechanical stress-induced lung remodeling. <b>2013</b> , 28, 404-13		35
260	Effect of Physical Exercise on the Level of DNA Damage in Chronic Obstructive Pulmonary Disease Patients. <b>2013</b> , 2013, 1-8		3
259	Replacements of rare herbs and simplifications of traditional chinese medicine formulae based on attribute similarities and pathway enrichment analysis. <b>2013</b> , 2013, 136732		11
258	Circulating hematopoietic progenitor cells are decreased in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2014</b> , 11, 277-89	2	18
257	Simultaneous inactivation of GSK-3 $\beta$ suppresses quercetin-induced apoptosis by inhibiting the JNK pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 304, L782-9	5.8	19
256	Ceramide expression and cell homeostasis in chronic obstructive pulmonary disease. <b>2013</b> , 85, 342-9		29
255	Role of ribonuclease L in viral pathogen-associated molecular pattern/influenza virus and cigarette smoke-induced inflammation and remodeling. <b>2013</b> , 191, 2637-46		17
254	Intraperitoneal injection of cigarette smoke extract induced emphysema, and injury of cardiac and skeletal muscles in BALB/C mice. <b>2013</b> , 39, 18-31		36
253	Percent emphysema and right ventricular structure and function: the Multi-Ethnic Study of Atherosclerosis-Lung and Multi-Ethnic Study of Atherosclerosis-Right Ventricle Studies. <b>2013</b> , 144, 136-144		58
252	Non-essential role for TLR2 and its signaling adaptor Mal/TIRAP in preserving normal lung architecture in mice. <b>2013</b> , 8, e78095		7
251	Expression and methylation of mitochondrial transcription factor a in chronic obstructive pulmonary disease patients with lung cancer. <b>2013</b> , 8, e82739		19
250	Human CD56+ cytotoxic lung lymphocytes kill autologous lung cells in chronic obstructive pulmonary disease. <b>2014</b> , 9, e103840		36
249	Retinoic acid receptor alpha: One of plasma biomarkers associated with exacerbation of chronic obstructive pulmonary disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2014</b> , 11, 152-62		2
248	Macrophage migration inhibitory factor is a novel determinant of cigarette smoke-induced lung damage. <b>2014</b> , 51, 94-103		23
247	Genetic deletion of IL-17A reduces cigarette smoke-induced inflammation and alveolar type II cell apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L132-43	5.8	50
246	Increased ectodomain shedding of lung epithelial cell adhesion molecule 1 as a cause of increased alveolar cell apoptosis in emphysema. <b>2014</b> , 69, 223-31		26
245	The effects of carbon nanotubes on lung and dermal cellular behaviors. <b>2014</b> , 9, 895-912		35



244	IL-6/Stat3-driven pulmonary inflammation, but not emphysema, is dependent on interleukin-17A in mice. <b>2014</b> , 19, 419-27		19
243	Lung injury and lung cancer caused by cigarette smoke-induced oxidative stress: Molecular mechanisms and therapeutic opportunities involving the ceramide-generating machinery and epidermal growth factor receptor. <b>2014</b> , 21, 2149-74		62
242	Structure-activity association of flavonoids in lung diseases. <i>Molecules</i> , <b>2014</b> , 19, 3570-95	4.8	100
241	Effect of the Zataria multiflora on systemic inflammation of experimental animals model of COPD. <b>2014</b> , 2014, 802189		35
240	GSTM1 and GSTT1 gene polymorphisms as major risk factors for bronchopulmonary dysplasia in a Chinese Han population. <b>2014</b> , 533, 48-51		16
239	The role of bronchial epithelial cell apoptosis in the pathogenesis of COPD. <b>2014</b> , 41, 5321-7		24
238	Inflammatory and cytotoxic effects of acrolein, nicotine, acetylaldehyde and cigarette smoke extract on human nasal epithelial cells. <i>BMC Pulmonary Medicine</i> , <b>2014</b> , 14, 32	3.5	42
237	Effects of inhalable microparticle of flower of Lonicera japonica in a mouse model of COPD. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 151, 123-30	5	16
236	Leucine and its transporter provide protection against cigarette smoke-induced cell death: A potential therapy for emphysema. <b>2014</b> , 1, 752-763		2
235	The impact of coexisting COPD on survival of patients with early-stage non-small cell lung cancer undergoing surgical resection. <b>2014</b> , 145, 346-353		84
234	SCGB3A2 Inhibits Acrolein-Induced Apoptosis through Decreased p53 Phosphorylation. <b>2015</b> , 48, 61-8		5
233	Resveratrol exerts an anti-apoptotic effect on human bronchial epithelial cells undergoing cigarette smoke exposure. <b>2015</b> , 11, 1752-8		30
232	Increased ectodomain shedding of cell adhesion molecule 1 as a cause of type II alveolar epithelial cell apoptosis in patients with idiopathic interstitial pneumonia. <i>Respiratory Research</i> , <b>2015</b> , 16, 90	7.3	9
231	Aeroallergen Der p 2 induces apoptosis of bronchial epithelial BEAS-2B cells via activation of both intrinsic and extrinsic pathway. <b>2015</b> , 5, 71		13
230	Increased serum TRAIL and DR5 levels correlated with lung function and inflammation in stable COPD patients. <i>International Journal of COPD</i> , <b>2015</b> , 10, 2405-12	3	11
229	Elevated plasma levels of pigment epithelium-derived factor correlated with inflammation and lung function in COPD patients. <i>International Journal of COPD</i> , <b>2015</b> , 10, 587-94	3	2
228	Flavonoid Fraction of Orange and Bergamot Juices Protect Human Lung Epithelial Cells from Hydrogen Peroxide-Induced Oxidative Stress. <b>2015</b> , 2015, 957031		53
227	Airway Surface Dehydration Aggravates Cigarette Smoke-Induced Hallmarks of COPD in Mice. <b>2015</b> , 10, e0129897		20

226	Neutrophil Elastase-Generated Fragment of Vascular Endothelial Growth Factor-A Stimulates Macrophage and Endothelial Progenitor Cell Migration. <b>2015</b> , 10, e0145115	9	
225	Scale dependence of structure-function relationship in the emphysematous mouse lung. <b>2015</b> , 6, 146	15	
224	Air Pollution and Chronic Obstructive Airway Disease. <b>2015</b> , 119-149		
223	Biological effects and mechanisms of action of mesenchymal stem cell therapy in chronic obstructive pulmonary disease. <b>2015</b> , 43, 303-10	14	
222	Decreased proteasomal function accelerates cigarette smoke-induced pulmonary emphysema in mice. <b>2015</b> , 95, 625-34	20	
221	Lower Airway Complications of Sulfur Mustard Exposure. <b>2015</b> , 171-212	1	
220	Immune modulation by $\alpha$ -antitrypsin. A nice concept, but does it influence outcome?. <b>2015</b> , 191, 363-4	4	
219	The complex association of metabolic syndrome and its components with computed tomography-determined emphysema index. <b>2015</b> , 13, 132-9	2	
218	Mitochondrial-mediated apoptosis pathway in alveolar epithelial cells exposed to the metals in combustion-generated particulate matter. <b>2015</b> , 78, 697-709	22	
217	Lung inflammation changes and oxidative stress induced by cigarette smoke exposure in guinea pigs affected by <i>Zataria multiflora</i> and its constituent, carvacrol. <b>2015</b> , 15, 39	54	
216	An Official American Thoracic Society/European Respiratory Society Statement: Research questions in chronic obstructive pulmonary disease. <b>2015</b> , 191, e4-e27	137	
215	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. <b>2015</b> , 45, 879-905	107	
214	Correlation of Cigarette Smoke-Induced Pulmonary Inflammation and Emphysema in C3H and C57Bl/6 Mice. <b>2015</b> , 147, 75-83	12	
213	Cigarette smoke extract induces aberrant cytochrome-c oxidase subunit II methylation and apoptosis in human umbilical vascular endothelial cells. <b>2015</b> , 308, C378-84	25	
212	Mitochondrial dysfunction by pro-oxidant vanadium: ex vivo assessment of individual susceptibility. <b>2015</b> , 39, 93-101	12	
211	Computational modeling helps uncover mechanisms related to the progression of emphysema. <b>2014</b> , 70, 4245-4249	4	
210	Neutral sphingomyelinase-2, acid sphingomyelinase, and ceramide levels in COPD patients compared to controls. <i>International Journal of COPD</i> , <b>2016</b> , 11, 2139-2147	3	13
209	Screening of long non-coding RNA and TUG1 inhibits proliferation with TGF- $\beta$ induction in patients with COPD. <i>International Journal of COPD</i> , <b>2016</b> , 11, 2951-2964	3	44

208	Dysregulation of Vascular Endothelial Progenitor Cells Lung-Homing in Subjects with COPD. <b>2016</b> , 2016, 1472823		12
207	The Isosteroid Alkaloid Imperialine from Bulbs of <i>Fritillaria cirrhosa</i> Mitigates Pulmonary Functional and Structural Impairment and Suppresses Inflammatory Response in a COPD-Like Rat Model. <b>2016</b> , 2016, 4192483		13
206	Characterization of a Mouse Model of Emphysema Induced by Multiple Instillations of Low-Dose Elastase. <b>2016</b> , 7, 457		25
205	Therapeutic Targeting of the IL-6 Trans-Signaling/Mechanistic Target of Rapamycin Complex 1 Axis in Pulmonary Emphysema. <b>2016</b> , 194, 1494-1505		37
204	Ascorbate attenuates pulmonary emphysema by inhibiting tobacco smoke and Rtp801-triggered lung protein modification and proteolysis. <b>2016</b> , 113, E4208-17		25
203	Chronic electronic cigarette exposure in mice induces features of COPD in a nicotine-dependent manner. <b>2016</b> , 71, 1119-1129		161
202	COPD immunopathology. <b>2016</b> , 38, 497-515		101
201	Bronchoscopic lung volume reduction procedures for chronic obstructive pulmonary disease. <b>2016</b> ,		1
200	E-cigarette aerosols induce lower oxidative stress in vitro when compared to tobacco smoke. <i>Toxicology Mechanisms and Methods</i> , <b>2016</b> , 26, 465-476	3.6	79
199	Cigarette smoke reversibly activates hypoxia-inducible factor 1 in a reactive oxygen species-dependent manner. <b>2016</b> , 6, 34424		40
198	Lung volume reduction surgery for diffuse emphysema. <b>2016</b> , 10, CD001001		29
197	Murine models of cardiovascular comorbidity in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L1011-27	5.8	4
196	Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke. <b>2016</b> , 151, 347-64		19
195	Macrophage Migration Inhibitory Factor: A Novel Inhibitor of Apoptosis Signal-Regulating Kinase 1-p38-Xanthine Oxidoreductase-Dependent Cigarette Smoke-Induced Apoptosis. <b>2016</b> , 54, 504-14		10
194	The role of airway macrophages in apoptotic cell clearance following acute and chronic lung inflammation. <b>2016</b> , 38, 409-23		95
193	Airway Exposure to E-Cigarette Vapors Impairs Autophagy and Induces Aggresome Formation. <b>2016</b> , 24, 186-204		50
192	Attenuation of Cigarette Smoke-Induced Emphysema in Mice by Apolipoprotein A-1 Overexpression. <b>2016</b> , 54, 91-102		18
191	Bronchoscopic lung volume reduction procedures for chronic obstructive pulmonary disease. <b>2017</b> , 2, CD012158		12

190	A metabolomic approach shows sphingosine 1-phosphate and lysophospholipids as mediators of the therapeutic effect of liver growth factor in emphysema. <b>2017</b> , 139, 238-246		9
189	RelB attenuates cigarette smoke extract-induced apoptosis in association with transcriptional regulation of the aryl hydrocarbon receptor. <b>2017</b> , 108, 19-31		18
188	Cigarette smoke attenuates phagocytic ability of macrophages through down-regulating Milk fat globule-EGF factor 8 (MFG-E8) expressions. <b>2017</b> , 7, 42642		16
187	Mitochondria in chronic obstructive pulmonary disease and lung cancer: where are we now?. <b>2017</b> , 11, 475-489		21
186	Flavored little cigar smoke induces cytotoxicity and apoptosis in airway epithelia. <b>2017</b> , 3, 17019		6
185	Cigarette Smoke-Induced Protein Carbonylation. <b>2017</b> , 206-240		
184	rHuKGF ameliorates protease/anti-protease imbalance in emphysematous mice. <b>2017</b> , 45, 124-135		3
183	Ursolic acid attenuates cigarette smoke-induced emphysema in rats by regulating PERK and Nrf2 pathways. <b>2017</b> , 44, 111-121		23
182	Toll-like receptor 2 and 4 have opposing roles in the pathogenesis of cigarette smoke-induced chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 314, L298-L317	5.8	23
181	Characterisation of lung macrophage subpopulations in COPD patients and controls. <b>2017</b> , 7, 7143		48
180	What do polymorphisms tell us about the mechanisms of COPD?. <i>Clinical Science</i> , <b>2017</b> , 131, 2847-2863	6.5	10
179	Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system. <b>2017</b> , 14, 22		112
178	Nano-based rescue of dysfunctional autophagy in chronic obstructive lung diseases. <b>2017</b> , 14, 483-489		25
177	Protein Carbonylation in Human Smokers and Mammalian Models of Exposure to Cigarette Smoke: Focus on Redox Proteomic Studies. <b>2017</b> , 26, 406-426		12
176	iPSC-derived mesenchymal stem cells exert SCF-dependent recovery of cigarette smoke-induced apoptosis/proliferation imbalance in airway cells. <b>2017</b> , 21, 265-277		31
175	Lung ageing and COPD: is there a role for ageing in abnormal tissue repair?. <b>2017</b> , 26,		69
174	The Impact of Autophagy on the Cigarette Smoke Extract-Induced Apoptosis of Bronchial Epithelial Cells. <i>Tuberculosis and Respiratory Diseases</i> , <b>2017</b> , 80, 83-89	3.2	13
173	Role of Proteases in Chronic Obstructive Pulmonary Disease. <b>2017</b> , 8, 512		61

172	Hydrogen Sulfide Inhibits Cigarette Smoke-Induced Endoplasmic Reticulum Stress and Apoptosis in Bronchial Epithelial Cells. <b>2017</b> , 8, 675			35
171	Mouse Lung Fibroblast Resistance to Fas-Mediated Apoptosis Is Dependent on the Baculoviral Inhibitor of Apoptosis Protein 4 and the Cellular FLICE-Inhibitory Protein. <b>2017</b> , 8, 128			6
170	Genes and pathways underlying susceptibility to impaired lung function in the context of environmental tobacco smoke exposure. <i>Respiratory Research</i> , <b>2017</b> , 18, 142	7.3		11
169	Suppression of PTPN6 exacerbates aluminum oxide nanoparticle-induced COPD-like lesions in mice through activation of STAT pathway. <b>2017</b> , 14, 53			18
168	Intratracheal transplantation of endothelial progenitor cells attenuates smoking-induced COPD in mice. <i>International Journal of COPD</i> , <b>2017</b> , 12, 947-960	3		6
167	5-Aza-2'-deoxycytidine protects against emphysema in mice via suppressing p16 expression in lung tissue. <i>International Journal of COPD</i> , <b>2017</b> , 12, 3149-3158	3		7
166	The role of cyclooxygenase-2 in the protection against apoptosis in vascular endothelial cells induced by cigarette smoking. <b>2017</b> , 9, 30-41			11
165	Oxidative Signaling in Chronic Obstructive Airway Diseases. <b>2018</b> , 79-98			1
164	Lung Dendritic Cells Drive Natural Killer Cytotoxicity in Chronic Obstructive Pulmonary Disease via IL-15Rβ. <b>2018</b> , 198, 1140-1150			24
163	AMPK alleviates endoplasmic reticulum stress by inducing the ER-chaperone ORP150 via FOXO1 to protect human bronchial cells from apoptosis. <b>2018</b> , 497, 564-570			22
162	Combined pulmonary fibrosis and emphysema predicts recurrence following surgery in patients with stage I non-small cell lung cancer. <b>2018</b> , 35, 31			3
161	Extracellular vesicles released in response to respiratory exposures: implications for chronic disease. <b>2018</b> , 21, 142-160			27
160	Protective effect of methylallyl sulfone in the development of cigarette smoke extract-induced apoptosis in rats and HFL-1 cells. <b>2018</b> , 498, 627-632			5
159	Mesenchymal stem cells alleviate oxidative stress-induced mitochondrial dysfunction in the airways. <b>2018</b> , 141, 1634-1645.e5			70
158	A pilot study of blood microRNAs and lung function in young healthy adults with fine particulate matter exposure. <b>2018</b> , 10, 7073-7080			10
157	Protective effects of astragaloside IV on IL-8-treated diaphragmatic muscle cells. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 17, 519-524	2.1		2
156	The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3		33
155	Impact of COPD on prognosis of lung cancer: from a perspective on disease heterogeneity. <i>International Journal of COPD</i> , <b>2018</b> , 13, 3767-3776	3		22

154	Airway epithelial cells exposed to wildfire smoke extract exhibit dysregulated autophagy and barrier dysfunction consistent with COPD. <i>Respiratory Research</i> , <b>2018</b> , 19, 234	7.3	14
153	The Role of Omega-3 Fatty Acids in the Setting of Coronary Artery Disease and COPD: A Review. <b>2018</b> , 10,		16
152	An Increased Proportion of Apoptosis in CD4+ T Lymphocytes Isolated from the Peripheral Blood in Patients with Stable Chronic Obstructive Pulmonary Disease. <i>Tuberculosis and Respiratory Diseases</i> , <b>2018</b> , 81, 132-137	3.2	4
151	Differential expression of heat shock proteins and activation of mitogen-activated protein kinases in A549 alveolar epithelial cells exposed to cigarette smoke extract. <b>2018</b> , 103, 1666-1678		14
150	Changes in the expression level of IL-17A and p53-fibrinolytic system in smokers with or without COPD. <b>2018</b> , 45, 2835-2841		7
149	Association between promoter methylation and lung function growth during adolescence. <b>2018</b> , 13, 1027-1038		4
148	The Phosphodiesterase 4 Inhibitor Roflumilast Protects against Cigarette Smoke Extract-Induced Mitophagy-Dependent Cell Death in Epithelial Cells. <i>Tuberculosis and Respiratory Diseases</i> , <b>2018</b> , 81, 1383-147	3.2	6
147	Proteases and Their Inhibitors in Chronic Obstructive Pulmonary Disease. <b>2018</b> , 7,		24
146	Modulation of cellular membrane properties as a potential therapeutic strategy to counter lipointoxication in obstructive pulmonary diseases. <b>2018</b> , 1864, 3069-3084		6
145	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. <b>2018</b> , 9, 121		7
144	Mitochondrial Quality Control in COPD and IPF. <b>2018</b> , 7,		31
143	miR-34a is involved in CSE-induced apoptosis of human pulmonary microvascular endothelial cells by targeting Notch-1 receptor protein. <i>Respiratory Research</i> , <b>2018</b> , 19, 21	7.3	32
142	Clinical and radiological characteristics of central pulmonary adenocarcinoma: a comparison with central squamous cell carcinoma and small cell lung cancer and the impact on treatment response. <b>2018</b> , 11, 2509-2517		4
141	Ambient Pollution-related Reprogramming of the Human Small Airway Epithelial Transcriptome. <b>2018</b> , 198, 1413-1422		10
140	Cigarette smoke activates the parthanatos pathway of cell death in human bronchial epithelial cells. <b>2019</b> , 5, 127		17
139	Ursolic Acid Protected Lung of Rats From Damage Induced by Cigarette Smoke Extract. <b>2019</b> , 10, 700		9
138	Sensing of apoptotic cells through Axl causes lung basal cell proliferation in inflammatory diseases. <b>2019</b> , 216, 2184-2201		10
137	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. <b>2019</b> , 15, e1008229		9

136	PM-related DNA damage, cytokinetic defects, and cell death in COPD patients from Chiang Dao district, Chiang Mai, Thailand. <b>2019</b> , 26, 25326-25340		5
135	Current Smoking is Associated with Decreased Expression of miR-335-5p in Parenchymal Lung Fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
134	Molecular Characteristics and Treatment of Endothelial Dysfunction in Patients with COPD: A Review Article. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
133	Dried Yeast Extracts Curtails Pulmonary Oxidative Stress, Inflammation and Tissue Destruction in a Model of Experimental Emphysema. <b>2019</b> , 8,		5
132	Reduced transient receptor potential vanilloid 2 expression in alveolar macrophages causes COPD in mice through impaired phagocytic activity. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 70	3.5	3
131	A network-based approach to uncover microRNA-mediated disease comorbidities and potential pathobiological implications. <b>2019</b> , 5, 41		13
130	Does chronic obstructive pulmonary disease relate to poor prognosis in patients with lung cancer?: A meta-analysis. <b>2019</b> , 98, e14837		11
129	The roles of microRNAs in the pathogenesis of chronic obstructive pulmonary disease. <b>2019</b> , 67, 335-347		26
128	Overexpression of Forkhead box C1 attenuates oxidative stress, inflammation and apoptosis in chronic obstructive pulmonary disease. <i>Life Sciences</i> , <b>2019</b> , 216, 75-84	6.8	14
127	Fine particulate matter (PM) aggravates apoptosis of cigarette-inflamed bronchial epithelium in vivo and vitro. <b>2019</b> , 248, 1-9		27
126	Activated PMN Exosomes: Pathogenic Entities Causing Matrix Destruction and Disease in the Lung. <b>2019</b> , 176, 113-126.e15		176
125	miR-145-5p is associated with smoke-related chronic obstructive pulmonary disease via targeting KLF5. <b>2019</b> , 300, 82-90		25
124	Role of reciprocal interaction between autophagy and endoplasmic reticulum stress in apoptosis of human bronchial epithelial cells induced by cigarette smoke extract. <b>2019</b> , 71, 66-80		17
123	miRNA-206 regulates human pulmonary microvascular endothelial cell apoptosis via targeting in chronic obstructive pulmonary disease. <b>2019</b> , 120, 6223-6236		25
122	Cell Death in the Lung: The Apoptosis-Necroptosis Axis. <b>2019</b> , 81, 375-402		90
121	Hydrogen sulfide exposure induces apoptosis and necroptosis through lncRNA3037/miR-15a/BCL2-A20 signaling in broiler trachea. <b>2020</b> , 699, 134296		39
120	Diseases of the respiratory system. <b>2020</b> , 391-442		
119	Iron and Sphingolipids as Common Players of (Mal)Adaptation to Hypoxia in Pulmonary Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9

118	Elevated serum matrix metalloprotease (MMP-2) as a candidate biomarker for stable COPD. <i>BMC Pulmonary Medicine</i> , <b>2020</b> , 20, 302	3.5	7
117	and assessment of biocompatibility of AZ31 alloy as biliary stents: a preclinical approach.. <b>2022</b> , 18, 195-205		
116	SIRT1 attenuates endoplasmic reticulum stress and apoptosis in rat models of COPD. <b>2020</b> , 38, 94-104		0
115	Cigarette smoke, but not novel tobacco vapor products, causes epigenetic disruption and cell apoptosis. <b>2020</b> , 24, 100865		0
114	Exposure to Cigarette Smoke Enhances the Stemness of Alveolar Type 2 Cells. <b>2020</b> , 63, 293-305		8
113	Jianpiyifei II Granules Suppress Apoptosis of Bronchial Epithelial Cells in Chronic Obstructive Pulmonary Disease Inhibition of the Reactive Oxygen Species-Endoplasmic Reticulum Stress-Ca Signaling Pathway. <b>2020</b> , 11, 581		5
112	Lipid-Protein and Protein-Protein Interactions in the Pulmonary Surfactant System and Their Role in Lung Homeostasis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	39
111	Endothelial HIF-2 $\alpha$ s a Key Endogenous Mediator Preventing Emphysema. <b>2020</b> , 202, 983-995		8
110	MicroRNA-126-3p Inhibits Angiogenic Function of Human Lung Microvascular Endothelial Cells via LAT1 (L-Type Amino Acid Transporter 1)-Mediated mTOR (Mammalian Target of Rapamycin) Signaling. <b>2020</b> , 40, 1195-1206		8
109	An efficient hybrid feature selection method to identify potential biomarkers in common chronic lung inflammatory diseases. <b>2020</b> , 112, 3284-3293		7
108	Identification and Bioinformatic Analysis of Circular RNA Expression in Peripheral Blood Mononuclear Cells from Patients with Chronic Obstructive Pulmonary Disease. <i>International Journal of COPD</i> , <b>2020</b> , 15, 1391-1401	3	8
107	Lung Macrophage Functional Properties in Chronic Obstructive Pulmonary Disease. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	21
106	Airway Hyperresponsiveness, Inflammation, and Pulmonary Emphysema in Rodent Models Designed to Mimic Exposure to Fuel Oil-Derived Volatile Organic Compounds Encountered during an Experimental Oil Spill. <b>2020</b> , 128, 27003		6
105	MiR-195-5p inhibits the development of chronic obstructive pulmonary disease via targeting siglec1. <b>2020</b> , 39, 1333-1344		4
104	Gene expression profiling of bronchial brushes is associated with the level of emphysema measured by computed tomography-based parametric response mapping. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 318, L1222-L1228	5.8	4
103	Alantolactone suppresses inflammation, apoptosis and oxidative stress in cigarette smoke-induced human bronchial epithelial cells through activation of Nrf2/HO-1 and inhibition of the NF- $\kappa$ B pathways. <i>Respiratory Research</i> , <b>2020</b> , 21, 95	7.3	28
102	ADAM17 Deficiency Protects against Pulmonary Emphysema. <b>2021</b> , 64, 183-195		7
101	Orchestration of Neutrophil Extracellular Traps (Nets), a Unique Innate Immune Function during Chronic Obstructive Pulmonary Disease (COPD) Development. <b>2021</b> , 9,		11



100	Dexmedetomidine targets miR-146a and participates in the progress of chronic obstructive pulmonary disease in vivo and in vitro. <b>2021</b> , 43, 1371-1379		1
99	Role of Apoptotic Cell Clearance in Pneumonia and Inflammatory Lung Disease. <b>2021</b> , 10,		8
98	Lung organoids: target cells for understanding respiratory diseases. <b>2021</b> , 1, e4		0
97	The role of cigarette smoke-induced pulmonary vascular endothelial cell apoptosis in COPD. <i>Respiratory Research</i> , <b>2021</b> , 22, 39	7.3	14
96	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. <b>2021</b> , 35, e21376		9
95	Evidence that Ginkgo Biloba could use in the influenza and coronavirus COVID-19 infections. <b>2021</b> , 32, 131-143		7
94	Toxicological Aspects of Carbon Nanotubes, Fullerenes and Graphenes. <b>2021</b> , 27, 556-564		4
93	Oxidative stress links the tumour suppressor p53 with cell apoptosis induced by cigarette smoke. <b>2021</b> , 1-11		2
92	A novel diagnostic signature based on three circulating exosomal mircoRNAs for chronic obstructive pulmonary disease. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 717	2.1	3
91	In Vitro Models for Studying Respiratory Host-Pathogen Interactions. <b>2021</b> , 5, e2000624		5
90	A 6-month inhalation toxicology study in Apoe mice demonstrates substantially lower effects of e-vapor aerosol compared with cigarette smoke in the respiratory tract. <b>2021</b> , 95, 1805-1829		1
89	Cellular and mitochondrial calcium communication in obstructive lung disorders. <b>2021</b> , 58, 184-199		0
88	The Role of ABC Transporters in Lipid Metabolism and the Comorbid Course of Chronic Obstructive Pulmonary Disease and Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
87	Inflammatory and oxidative biomarkers as determinants of functional capacity in patients with COPD assessed by 6-min walk test-derived outcomes. <b>2021</b> , 152, 111456		1
86	Endobronchial Valve (Zephyr) Treatment in Homogeneous Emphysema: One-Year Results from the IMPACT Randomized Clinical Trial. <b>2021</b> , 100, 1174-1185		1
85	Physiological functions and therapeutic applications of neutral sphingomyelinase and acid sphingomyelinase. <b>2021</b> , 139, 111610		3
84	A genome-wide association study of quantitative computed tomographic emphysema in Korean populations. <b>2021</b> , 11, 16692		
83	Subclinical cardiac impairment relates to traditional pulmonary function test parameters and lung volume as derived from whole-body MRI in a population-based cohort study. <b>2021</b> , 11, 16173		3

82	MicroRNA: Biogenesis and potential role as biomarkers in lung diseases. <b>2021</b> , 29, 100920		
81	Mechanisms, Pathophysiology and Currently Proposed Treatments of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 14,		4
80	The Saga of Necroptosis in Chronic Obstructive Pulmonary Disease Continues. <b>2021</b> , 204, 622-624		1
79	Increased LHX9 expression in alveolar epithelial type 2 cells of patients with chronic obstructive pulmonary disease. <b>2021</b> , 60, 119-119		0
78	Iron-Regulated Reactive Oxygen Species Production and Programmed Cell Death in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 10,		2
77	Cigarette smoke extracts induce apoptosis in Raw264.7 cells via endoplasmic reticulum stress and the intracellular Ca/P38/STAT1 pathway. <b>2021</b> , 77, 105249		2
76	Role of Oxidative Stress Induced by Cigarette Smoke in the Pathogenicity of Chronic Obstructive Pulmonary Disease. <b>2020</b> , 177-211		1
75	Effects of Inhalable Microparticles of on Chronic Obstructive Pulmonary Disease in a Mouse Model. <b>2013</b> , 34, 54-68		6
74	Longitudinal study of spatially heterogeneous emphysema progression in current smokers with chronic obstructive pulmonary disease. <b>2012</b> , 7, e44993		22
73	Histone deacetylase (HDAC) 1 controls the expression of beta defensin 1 in human lung epithelial cells. <b>2012</b> , 7, e50000		27
72	Changes in airway histone deacetylase2 in smokers and COPD with inhaled corticosteroids: a randomized controlled trial. <b>2013</b> , 8, e64833		27
71	Altered gene expression in blood and sputum in COPD frequent exacerbators in the ECLIPSE cohort. <b>2014</b> , 9, e107381		38
70	Endothelial progenitor cells in chronic obstructive pulmonary disease and emphysema. <b>2017</b> , 12, e0173446		19
69	Proteomics Research Focus on The Affection of Smoking to D4-GDI Expression in Lung Tissue and The Relationship With Chronic Obstructive Pulmonary Disease. <i>Progress in Biochemistry and Biophysics</i> , <b>2011</b> , 37, 1204-1211		1
68	Particularities of lung tumour angiogenesis and stroma formation in inhabitants from radionuclide-contaminated territories at Semipalatinsk region, Kazakhstan. <i>Pulmonologiya</i> , <b>2007</b> , 64-68	0.8	
67	Some pathogenic aspects of pulmonary emphysema in COPD patients. <i>Pulmonologiya</i> , <b>2008</b> , 48-53	0.8	1
66	Morphological and biochemical markers of inflammatory reactions in a mucous membrane of bronchial tubes at the heavy form of a bronchial asthma and chronic obstructive disease of lungs. <i>Bulletin of Siberian Medicine</i> , <b>2009</b> , 8, 11-16	0.4	1
65	A Causal Model of COPD. <i>Profiles in Operations Research</i> , <b>2012</b> , 255-293		1

64	Immunopathology of COPD. <b>2013</b> , 1-27		
63	Reactive Oxygen Species and Obstructive Lung Disease. <b>2014</b> , 1643-1670		0
62	Immunological Criteria of Verification of Chronic Obstructive Pulmonary Disease and Asthma in Patients with Bronchial Obstructive Syndrome after Treatment of Tuberculosis or Pneumonia. <i>Lviv Clinical Bulletin</i> , <b>2014</b> , 3, 39-44	0.1	
61	Transbarrier Ion and Fluid Transport. <b>2015</b> , 115-133		
60	El papel de la autofagia en enfermedades pulmonares. <b>2016</b> , 75, 227-236		
59	Biochemical and Cellular/Molecular Mechanisms of Injury From Mustard Gas. <b>2016</b> , 15-34		
58	Serum Proteins Associated with Emphysema Progression in Severe Alpha-1 Antitrypsin Deficiency. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , <b>2017</b> , 4, 204-216	2.7	3
57	[Plasma low-molecular-weight DNA in patients with chronic obstructive pulmonary disease]. <i>Terapevticheskii Arkhiv</i> , <b>2017</b> , 89, 24-28	0.9	1
56	Utility Inspiratory Capacity by Simple Spirometry as an indirect Measure of Air Trapping. <i>Archives of Pulmonology and Respiratory Care</i> , <b>2017</b> , 3, 007-010	0.1	
55	Oxidative Stress, Antioxidant Status and Inflammation in Chronic Bronchitis and Pulmonary Emphysema. <i>Archives of Pulmonology and Respiratory Care</i> , <b>2017</b> , 3, 001-006	0.1	
54	ROLE OF MESENCHYMAL STEM CELLS IN THE TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (REVIEW). <i>Bulletin Physiology and Pathology of Respiration</i> , <b>2018</b> , 1, 121-128	0.3	
53	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene.		
52	Lung Cancer: Old Story, New Modalities!. <b>2020</b> , 385-409		
51	Pathophysiology of Cardiovascular Disease in Chronic Lung Disease. <i>Respiratory Medicine</i> , <b>2020</b> , 45-58	0.2	
50	Role of ßtheysin G in pathogenesis of chronic obstructive lung disease: possible ways of regulation. <i>Medical Immunology (Russia)</i> , <b>2020</b> , 22, 443-448	0.5	1
49	Role of long non-coding RNA MALAT1 in chronic obstructive pulmonary disease. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 2691-2697	2.1	4
48	Nonantimicrobial Actions of Macrolides: Overview and Perspectives for Future Development. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 233-262	22.5	5
47	Human lung cDC1 drive increased perforin-mediated NK cytotoxicity in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 321, L1183-L1193	5.8	1

46	Identifying miRNA-mRNA Networks Associated With COPD Phenotypes. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 748356	4.5	2
45	Core Role of TRPC6 Channels in Regulating Airway Re-modelling in Chronic Obstructive Pulmonary Disease.		
44	Single-cell Transcriptome Analysis Reveals an Anomalous Epithelial Variation and Ectopic Inflammatory Response in Chronic Obstructive Pulmonary Disease.		2
43	Macrophages-the immune effector guardians of the lung: impact of corticosteroids on their functional responses. <i>Clinical Science</i> , <b>2020</b> , 134, 1631-1635	6.5	0
42	α-antitrypsin deficiency. 47-84		
41	A cellular model to mimic exhaled cigarette smoke-induced lung microvascular endothelial cell injury and death. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2010</b> , 3, 223-32		5
40	Chronic obstructive pulmonary disease. <i>Indian Journal of Medical Research</i> , <b>2013</b> , 137, 251-69	2.9	39
39	Chrysophanol protects human bronchial epithelial cells from cigarette smoke extract (CSE)-induced apoptosis. <i>International Journal of Molecular Epidemiology and Genetics</i> , <b>2020</b> , 11, 39-45	0.9	0
38	Mitochondria in Focus: From Function to Therapeutic Strategies in Chronic Lung Diseases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 782074	8.4	5
37	The Effect of Cigarette Smoke Exposure on Efferocytosis in Chronic Obstructive Pulmonary Disease; Molecular Mechanisms and Treatment Opportunities. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2021</b> , 1-14	2	1
36	Cigarette Smoke Particle-Induced Lung Injury and Iron Homeostasis.. <i>International Journal of COPD</i> , <b>2022</b> , 17, 117-140	3	
35	MTMR14 Alleviates Chronic Obstructive Pulmonary Disease as a Regulator in Inflammation and Emphysema.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 9300269	6.7	1
34	Network pharmacology analysis uncovers the effect on apoptotic pathway by Bu-Fei formula for COPD treatment.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 289, 115022	5	0
33	Impact of chronic obstructive pulmonary disease, lung infection, and/or inhaled corticosteroids use on potential risk of lung cancer.. <i>Life Sciences</i> , <b>2022</b> , 294, 120374	6.8	2
32	Effect of pirfenidone protecting against cigarette smoke extract induced apoptosis.. <i>Tobacco Induced Diseases</i> , <b>2022</b> , 20, 24	3.2	
31	Impaired AT2 to AT1 cell transition in PM2.5-induced mouse model of chronic obstructive pulmonary disease.. <i>Respiratory Research</i> , <b>2022</b> , 23, 70	7.3	0
30	The Prognostic Role of Chronic Obstructive Pulmonary Disease for Lung Cancer After Pulmonary Resection.. <i>Journal of Surgical Research</i> , <b>2022</b> , 275, 137-148	2.5	1
29	Large-scale plasma proteomics can reveal distinct endotypes in chronic obstructive pulmonary disease and severe asthma.. <i>Clinical and Translational Allergy</i> , <b>2021</b> , 11, e12091	5.2	0

28	Pulmonary translocation of ultrafine carbon particles in COPD and IPF patients.. <i>Inhalation Toxicology</i> , <b>2021</b> , 1-10	2.7	○
27	Effects of antioxidant on oxidative stress and autophagy in bronchial epithelial cells exposed to particulate matter and cigarette smoke extract.. <i>Tuberculosis and Respiratory Diseases</i> , <b>2022</b> ,	3.2	○
26	DataSheet_1.zip. <b>2019</b> ,		
25	DataSheet_1.docx. <b>2020</b> ,		
24	RAGE signaling during tobacco smoke-induced lung inflammation and potential therapeutic utility of SAGEs.. <i>BMC Pulmonary Medicine</i> , <b>2022</b> , 22, 160	3.5	
23	The Emerging Role of Extracellular Vesicles Detected in Different Biological Fluids in COPD.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	○
22	Transfer of Invitro CD4 + T Cells with Hypomethylation of Perforin Promoter into Rats Abdomens Causes Autoimmune Emphysema. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2022</b> , 19, 255-261	2	
21	Carboxymethyl Chitosan Modified Oxymatrine Liposomes for the Alleviation of Emphysema in Mice via Pulmonary Administration. <i>Molecules</i> , <b>2022</b> , 27, 3610	4.8	○
20	Research Progress of MIF, MMP-9, and Chronic Obstructive Pulmonary Disease. <i>Advances in Clinical Medicine</i> , <b>2022</b> , 12, 5583-5590	○	
19	Aurintricarboxylic Acid Mitigates Cigarette Smoke Extract Induced Oxidative Stress and Pulmonary Inflammation via Inhibition of NF-B/p65 Signalling. <i>Toxicology Mechanisms and Methods</i> , 1-25	3.6	
18	Cellular mechanisms involved in the pathogenesis of airway remodeling in chronic lung disease. <i>European Clinical Respiratory Journal</i> , <b>2022</b> , 9,	2	○
17	The potential benefit of rooibos ( <i>Aspalathus linearis</i> ) in pulmonary arterial hypertension: A short review. <b>2022</b> , 150, 840-844		○
16	Mutagenic damage among bronchiectasis patients attending in the pulmonology sector of a hospital in southern Brazil. <b>2022</b> , 68, 1191-1198		1
15	Anomalous Epithelial Variations and Ectopic Inflammatory Response in Chronic Obstructive Pulmonary Disease.		○
14	Blood volatile organic compounds associated with non-reversible and reversible airflow obstruction in U.S. Adults. 2201185		○
13	Compounds in cigarette smoke induce EGR1 expression via the AHR, resulting in apoptosis and COPD.		○
12	Inhaled Corticosteroids in Adults with Non-cystic Fibrosis Bronchiectasis: From Bench to Bedside. A Narrative Review. <b>2022</b> , 82, 1453-1468		1
11	COPD and Inflammation.		○

- 10 miRNA-mRNA-protein dysregulated network in COPD in women. 13,
- 9 Novel TAK1 inhibitor handelin inhibits NF- $\kappa$ B and AP-1 to alleviate elastase-induced emphysema in mice. **2023**, 121388
- 8 Surfactant Protein B Plasma Levels: Reliability as a Biomarker in COPD Patients. **2023**, 11, 124
- 7 Taxifolin ameliorates cigarette smoke-induced chronic obstructive pulmonary disease via inhibiting inflammation and apoptosis. **2023**, 115, 109577
- 6 A proteomics approach to identify COPD-related changes in lung fibroblasts. **2023**, 324, L521-L535
- 5 PTD-FGF2 Attenuates Elastase Induced Emphysema in Mice and Alveolar Epithelial Cell Injury. **2023**, 20, 109-118
- 4 A Diagnostic Classifier Based on Circulating miRNA Pairs for COPD Using a Machine Learning Approach. **2023**, 13, 1440
- 3 MitoQ ameliorates PM2.5-induced pulmonary fibrosis through regulating the mitochondria DNA homeostasis. **2023**, 138745
- 2 LncRNA RP11-521C20.3 Inhibits Cigarette Smoke Extract-Induced Apoptosis in A549 Cells by Targeting BMF Signaling. Volume 18, 669-682
- 1 Chronic obstructive pulmonary disease and emerging ER stress-related therapeutic targets. **2023**, 81, 102218