Agostoni Emilio

List of Publications by Year
in descending order

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78	1,919	331259	276539
papers	citations	21	41
		h-index	g-index

79	79	79	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional and histological studies of the vagus nerve and its branches to the heart, lungs and abdominal viscera in the cat. Journal of Physiology, 1957, 135, 182-205.	1.3	613
2	The effect of the abdomen on the vertical gradient of pleural surface pressure. Respiration Physiology, 1970, 8, 332-346.	2.8	61
3	Tonic vagal influences on inspiratory duration. Respiration Physiology, 1975, 24, 287-302.	2.8	60
4	Topography of the pleural surface pressure in rabbits and dogs. Respiration Physiology, 1970, 8, 204-229.	2.8	56
5	Thickness and pressure of the pleural liquid at various heights and with various hydrothoraces. Respiration Physiology, 1969, 6, 330-342.	2.8	49
6	The Fetal Lung, A Source of Amniotic Fluid. Experimental Biology and Medicine, 1959, 101, 842-845.	1.1	47
7	Continuous recording of pleural surface pressure at various sites. Respiration Physiology, 1973, 19, 356-368.	2.8	40
8	Comparative features of the transpulmonary pressure. Respiration Physiology, 1970, 11, 76-83.	2.8	38
9	The thickness of the pleural liquid. Respiration Physiology, 1968, 5, 1-13.	2.8	35
10	Pleural liquid and its exchanges. Respiratory Physiology and Neurobiology, 2007, 159, 311-323.	0.7	35
11	Decay rate of inspiratory muscle pressure during expiration in man. Respiration Physiology, 1979, 36, 269-285.	2.8	34
12	MECHANICAL COUPLING AND LIQUID EXCHANGES IN THE PLEURAL SPACE. Clinics in Chest Medicine, 1998, 19, 241-260.	0.8	34
13	Solute-coupled liquid absorption from the pleural space. Respiration Physiology, 1990, 81, 19-27.	2.8	33
14	Electrolyte transport across the pleura of rabbits. Respiration Physiology, 1991, 86, 125-138.	2.8	33
15	Breathing pattern in men during inspiratory elastic loads. Respiration Physiology, 1978, 34, 279-293.	2.8	32
16	Effect of rib cage or abdomen compression at iso-lung volume on breathing pattern. Respiration Physiology, 1976, 28, 161-177.	2.8	28
17	The effect of limb movements on the regulation of depth and rate of breathing. Respiration Physiology, 1976, 27, 33-52.	2.8	27
18	Albumin transcytosis in mesothelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L3-L11.	1.3	26

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19	Topography of pleural surface pressure during simulation of gravity effect on abdomen. Respiration Physiology, 1971, 12, 102-109.	2.8	25
20	Forces deforming the rib cage. Respiration Physiology, 1966, 2, 105-117.	2.8	24
21	Sulphur dioxide block of laryngeal receptors in rabbits. Respiration Physiology, 1985, 62, 195-202.	2.8	24
22	Relative decay rate of inspiratory muscle pressure and breath timing in man. Respiration Physiology, 1979, 38, 335-346.	2.8	20
23	Topography of pleural surface pressure after pneumo- or hydrothorax. Journal of Applied Physiology, 1972, 32, 296-303.	1.2	19
24	Pleural liquid and surface pressurs at various lung volumes. Respiration Physiology, 1980, 39, 315-326.	2.8	19
25	Decay of inspiratory muscle activity and breath timing in man. Respiration Physiology, 1981, 43, 117-132.	2.8	19
26	Partition of factors contributing to the vertical gradient of transpulmonary pressure. Respiration Physiology, 1971, 12, 90-101.	2.8	18
27	Active Na+ transport coupled liquid outflow from hydrothoraces of various size. Respiration Physiology, 1993, 92, 101-113.	2.8	18
28	Liquid volume, Na+ and mannitol concentration in a hypertonic mannitol-Ringer hydrothorax. Respiration Physiology, 1992, 89, 341-351.	2.8	17
29	Distribution of transpulmonary pressure and chest wall shape. Respiration Physiology, 1974, 22, 335-344.	2.8	16
30	Albumin transcytosis from the pleural space. Journal of Applied Physiology, 2002, 93, 1806-1812.	1.2	16
31	Local transpulmonary pressure after lobar occlusion. Respiration Physiology, 1973, 18, 328-337.	2.8	15
32	Pleural liquid pressure in the zone of apposition and in the lung zone. Respiration Physiology, 1989, 75, 357-370.	2.8	15
33	Slow to fast shift in inspiratory muscle fibers during heat tachypnea. Respiration Physiology, 1983, 51, 259-274.	2.8	14
34	Contribution of lymphatic drainage through stomata to albumin removal from pleural space. Respiratory Physiology and Neurobiology, 2004, 142, 251-263.	0.7	14
35	Effects of Î²-adrenergic blockade or stimulation on net rate of hydrothorax absorption. Respiration Physiology, 1994, 97, 347-356.	2.8	13
36	Î²-Agonist activation of an amiloride-insensitive transport mechanism in rabbit pleura. Respiration Physiology, 1995, 100, 7-13.	2.8	13

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37	Effect on phloridzin on net rate of liquid absorption from the pleural space of rabbits. Experimental Physiology, 1996, 81, 957-967.	0.9	13
38	Effect of adrenaline and alpha-agonists on net rate of liquid absorption from the pleural space of rabbits. Experimental Physiology, 1997, 82, 507-520.	0.9	13
39	Pleural mesothelium lubrication after hyaluronidase, neuraminidase or pronase treatment. Respiratory Physiology and Neurobiology, 2013, 188, 60-65.	0.7	13
40	Effects of uneven elastic loads on breathing pattern of anesthetized and conscious men. Respiration Physiology, 1977, 30, 153-168.	2.8	12
41	Acid-base balance of pleural liquid in dogs. Respiration Physiology, 1979, 37, 137-149.	2.8	12
42	Starling forces and lymphatic drainage in pleural liquid and protein exchanges. Respiration Physiology, 1991, 86, 271-281.	2.8	12
43	The recoil of the most dependent part of the lung. Respiration Physiology, 1968, 5, 379-384.	2.8	11
44	Immediate response to expiratory threshold load. Respiration Physiology, 1975, 25, 269-284.	2.8	11
45	Vertical gradients of pleural and transpulmonary pressure with liquid-filled lungs. Respiration Physiology, 1975, 23, 159-173.	2.8	11
46	Selective activation of parasternal muscle fibers according to breathing rate. Respiration Physiology, 1982, 48, 281-295.	2.8	11
47	Inspiratory facilitation and inhibition from pulmonary stretch receptors in rabbits. Respiration Physiology, 1983, 53, 307-323.	2.8	11
48	Pleural pressure from abdominal to pulmonary rib cage: sweep of the lung border. Respiration Physiology, 1989, 75, 105-115.	2.8	11
49	Longitudinal forces acting on the trachea. Respiration Physiology, 1973, 17, 62-71.	2.8	10
50	Change pattern of pleural deformation pressure on varying lung height and volume. Respiration Physiology, 1981, 43, 197-208.	2.8	10
51	Reflex partitioning of inputs from stretch receptors of bronchi and thoracic trachea. Respiration Physiology, 1985, 60, 311-328.	2.8	10
52	Lubricating effect of sialomucin and hyaluronan on pleural mesothelium. Respiratory Physiology and Neurobiology, 2012, 180, 34-39.	0.7	10
53	Mixed lubrication after rewetting of blotted pleural mesothelium. Respiratory Physiology and Neurobiology, 2013, 185, 369-373.	0.7	10
54	The effects of stimulation of the carotid sinus baroreceptors upon the pulmonary arterial blood pressure in the cat. Journal of Physiology, 1957, 137, 447-459.	1.3	9

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55	Reflex effects on breathing of laryngeal denervation, negative pressure and SO2 in upper airways. Respiration Physiology, 1985, 62, 203-215.	2.8	9
56	Expression of Na+â€“glucose cotransporter (SGLT1) in visceral and parietal mesothelium of rabbit pleura. Respiratory Physiology and Neurobiology, 2007, 159, 68-75.	0.7	9
57	Evidence for Na+â€“glucose cotransporter in type I alveolar epithelium. Histochemistry and Cell Biology, 2010, 134, 129-136.	0.8	9
58	Pleural mesothelium lubrication after phospholipase treatment. Respiratory Physiology and Neurobiology, 2014, 194, 49-53.	0.7	9
59	Pleural liquid pressure at the caudal border of the lung. Respiration Physiology, 1989, 75, 117-128.	2.8	8
60	Electrical resistance and ion diffusion through mesothelium. Respiration Physiology, 2001, 124, 231-241.	2.8	7
61	Displacements of the lung hilum, pleural surface pressure and alveolar morphology. Respiration Physiology, 1972, 16, 161-174.	2.8	6
62	Breathing pattern and diaphragm EMG after SO2 in rabbit intra- or extrathoracic airways. Respiration Physiology, 1985, 59, 169-183.	2.8	6
63	Effect of histamine on the vertical gradient of transpulmonary pressure. Respiration Physiology, 1974, 20, 331-335.	2.8	5
64	Discontinuity between inspiratory and postinspiratory diaphragm activity in man and rabbit. Respiration Physiology, 1986, 64, 295-306.	2.8	5
65	Na+â€“glucose cotransporter is also expressed in mesothelium of species with thick visceral pleura. Respiratory Physiology and Neurobiology, 2008, 161, 261-266.	0.7	5
66	Pleural Lubrication. Lubricants, 2016, 4, 15.	1.2	5
67	Postinspiratory-ramp activity of diaphragn under inspiratory resistive load. Respiration Physiology, 1987, 69, 369-385.	2.8	3
68	Pleural liquid and kinetic friction coefficient of mesothelium after mechanical ventilation. Respiratory Physiology and Neurobiology, 2015, 206, 1-3.	0.7	3
69	Lung border sweep upon phrenic stimulation: dynamic fall in pleural liquid pressure. Respiration Physiology, 1989, 77, 379-394.	2.8	2
70	Labeled albumin in plasma and removal paths from pleural space in control and increased ventilation. Respiratory Physiology and Neurobiology, 2004, 140, 301-311.	0.7	2
71	Î²2-Adrenergic receptors and G-protein-coupled receptor kinase 2 in rabbit pleural mesothelium. Respiratory Physiology and Neurobiology, 2010, 173, 189-191.	0.7	2
72	Effects of stretch receptors of bronchi or trachea on genioglossus muscle activity. Respiration Physiology, 1987, 67, 335-345.	2.8	1

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73	Letter to the Editor. Microvascular Research, 2006, 72, 1-2.	1.1	1
74	Distribution and mixing of a liquid bolus in pleural space. Respiratory Physiology and Neurobiology, 2006, 150, 287-299.	0.7	1
75	Pleural liquid during hemorrhagic hypotension. Respiratory Physiology and Neurobiology, 2007, 155, 184-192.	0.7	1
76	Lubricating recovery of damaged pleural mesothelium: effect of time and of phosphatidylcholines. Respiratory Physiology and Neurobiology, 2014, 203, 116-120.	0.7	1
77	Reply to: Letter to the Editor on â€˜Na+ and glucose transport in mesothelium of species with thick visceral pleuraâ€™. Respiratory Physiology and Neurobiology, 2008, 164, 290.	0.7	0
78	Response to the letter to the Editor by Negrini et al.. Respiratory Physiology and Neurobiology, 2015, 210, 53.	0.7	0