

Agostoni Emilio

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,919
citations

331259

21
h-index

276539

41
g-index

79
all docs

79
docs citations

79
times ranked

773
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Pleural Lubrication. <i>Lubricants</i> , 2016, 4, 15. | 1.2 | 5 |
| 2 | Response to the letter to the Editor by Negrini et al.. <i>Respiratory Physiology and Neurobiology</i> , 2015, 210, 53. | 0.7 | 0 |
| 3 | Pleural liquid and kinetic friction coefficient of mesothelium after mechanical ventilation. <i>Respiratory Physiology and Neurobiology</i> , 2015, 206, 1-3. | 0.7 | 3 |
| 4 | Pleural mesothelium lubrication after phospholipase treatment. <i>Respiratory Physiology and Neurobiology</i> , 2014, 194, 49-53. | 0.7 | 9 |
| 5 | Lubricating recovery of damaged pleural mesothelium: effect of time and of phosphatidylcholines. <i>Respiratory Physiology and Neurobiology</i> , 2014, 203, 116-120. | 0.7 | 1 |
| 6 | Pleural mesothelium lubrication after hyaluronidase, neuraminidase or pronase treatment. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 60-65. | 0.7 | 13 |
| 7 | Mixed lubrication after rewetting of blotted pleural mesothelium. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 369-373. | 0.7 | 10 |
| 8 | Lubricating effect of sialomucin and hyaluronan on pleural mesothelium. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 34-39. | 0.7 | 10 |
| 9 | Evidence for Na ⁺ -glucose cotransporter in type I alveolar epithelium. <i>Histochemistry and Cell Biology</i> , 2010, 134, 129-136. | 0.8 | 9 |
| 10 | β ₂ -Adrenergic receptors and G-protein-coupled receptor kinase 2 in rabbit pleural mesothelium. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 189-191. | 0.7 | 2 |
| 11 | Reply to: Letter to the Editor on Na ⁺ and glucose transport in mesothelium of species with thick visceral pleura. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 290. | 0.7 | 0 |
| 12 | Na ⁺ -glucose cotransporter is also expressed in mesothelium of species with thick visceral pleura. <i>Respiratory Physiology and Neurobiology</i> , 2008, 161, 261-266. | 0.7 | 5 |
| 13 | Pleural liquid during hemorrhagic hypotension. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 184-192. | 0.7 | 1 |
| 14 | Expression of Na ⁺ -glucose cotransporter (SGLT1) in visceral and parietal mesothelium of rabbit pleura. <i>Respiratory Physiology and Neurobiology</i> , 2007, 159, 68-75. | 0.7 | 9 |
| 15 | Pleural liquid and its exchanges. <i>Respiratory Physiology and Neurobiology</i> , 2007, 159, 311-323. | 0.7 | 35 |
| 16 | Letter to the Editor. <i>Microvascular Research</i> , 2006, 72, 1-2. | 1.1 | 1 |
| 17 | Distribution and mixing of a liquid bolus in pleural space. <i>Respiratory Physiology and Neurobiology</i> , 2006, 150, 287-299. | 0.7 | 1 |
| 18 | Labeled albumin in plasma and removal paths from pleural space in control and increased ventilation. <i>Respiratory Physiology and Neurobiology</i> , 2004, 140, 301-311. | 0.7 | 2 |

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|----|---|-----|-----------|
| 19 | Contribution of lymphatic drainage through stomata to albumin removal from pleural space. <i>Respiratory Physiology and Neurobiology</i> , 2004, 142, 251-263. | 0.7 | 14 |
| 20 | Albumin transcytosis from the pleural space. <i>Journal of Applied Physiology</i> , 2002, 93, 1806-1812. | 1.2 | 16 |
| 21 | Albumin transcytosis in mesothelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L3-L11. | 1.3 | 26 |
| 22 | Electrical resistance and ion diffusion through mesothelium. <i>Respiration Physiology</i> , 2001, 124, 231-241. | 2.8 | 7 |
| 23 | MECHANICAL COUPLING AND LIQUID EXCHANGES IN THE PLEURAL SPACE. <i>Clinics in Chest Medicine</i> , 1998, 19, 241-260. | 0.8 | 34 |
| 24 | Effect of adrenaline and alpha-agonists on net rate of liquid absorption from the pleural space of rabbits. <i>Experimental Physiology</i> , 1997, 82, 507-520. | 0.9 | 13 |
| 25 | Effect on phloridzin on net rate of liquid absorption from the pleural space of rabbits. <i>Experimental Physiology</i> , 1996, 81, 957-967. | 0.9 | 13 |
| 26 | $\hat{\imath}^2$ -Agonist activation of an amiloride-insensitive transport mechanism in rabbit pleura. <i>Respiration Physiology</i> , 1995, 100, 7-13. | 2.8 | 13 |
| 27 | Effects of $\hat{\imath}^2$ -adrenergic blockade or stimulation on net rate of hydrothorax absorption. <i>Respiration Physiology</i> , 1994, 97, 347-356. | 2.8 | 13 |
| 28 | Active Na ⁺ transport coupled liquid outflow from hydrothoraces of various size. <i>Respiration Physiology</i> , 1993, 92, 101-113. | 2.8 | 18 |
| 29 | Liquid volume, Na ⁺ and mannitol concentration in a hypertonic mannitol-Ringer hydrothorax. <i>Respiration Physiology</i> , 1992, 89, 341-351. | 2.8 | 17 |
| 30 | Electrolyte transport across the pleura of rabbits. <i>Respiration Physiology</i> , 1991, 86, 125-138. | 2.8 | 33 |
| 31 | Starling forces and lymphatic drainage in pleural liquid and protein exchanges. <i>Respiration Physiology</i> , 1991, 86, 271-281. | 2.8 | 12 |
| 32 | Solute-coupled liquid absorption from the pleural space. <i>Respiration Physiology</i> , 1990, 81, 19-27. | 2.8 | 33 |
| 33 | Pleural liquid pressure in the zone of apposition and in the lung zone. <i>Respiration Physiology</i> , 1989, 75, 357-370. | 2.8 | 15 |
| 34 | Pleural pressure from abdominal to pulmonary rib cage: sweep of the lung border. <i>Respiration Physiology</i> , 1989, 75, 105-115. | 2.8 | 11 |
| 35 | Pleural liquid pressure at the caudal border of the lung. <i>Respiration Physiology</i> , 1989, 75, 117-128. | 2.8 | 8 |
| 36 | Lung border sweep upon phrenic stimulation: dynamic fall in pleural liquid pressure. <i>Respiration Physiology</i> , 1989, 77, 379-394. | 2.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Effects of stretch receptors of bronchi or trachea on genioglossus muscle activity. Respiration Physiology, 1987, 67, 335-345. | 2.8 | 1 |
| 38 | Postinspiratory-ramp activity of diaphragm under inspiratory resistive load. Respiration Physiology, 1987, 69, 369-385. | 2.8 | 3 |
| 39 | Discontinuity between inspiratory and postinspiratory diaphragm activity in man and rabbit. Respiration Physiology, 1986, 64, 295-306. | 2.8 | 5 |
| 40 | Breathing pattern and diaphragm EMG after SO ₂ in rabbit intra- or extrathoracic airways. Respiration Physiology, 1985, 59, 169-183. | 2.8 | 6 |
| 41 | Reflex partitioning of inputs from stretch receptors of bronchi and thoracic trachea. Respiration Physiology, 1985, 60, 311-328. | 2.8 | 10 |
| 42 | Sulphur dioxide block of laryngeal receptors in rabbits. Respiration Physiology, 1985, 62, 195-202. | 2.8 | 24 |
| 43 | Reflex effects on breathing of laryngeal denervation, negative pressure and SO ₂ in upper airways. Respiration Physiology, 1985, 62, 203-215. | 2.8 | 9 |
| 44 | Slow to fast shift in inspiratory muscle fibers during heat tachypnea. Respiration Physiology, 1983, 51, 259-274. | 2.8 | 14 |
| 45 | Inspiratory facilitation and inhibition from pulmonary stretch receptors in rabbits. Respiration Physiology, 1983, 53, 307-323. | 2.8 | 11 |
| 46 | Selective activation of parasternal muscle fibers according to breathing rate. Respiration Physiology, 1982, 48, 281-295. | 2.8 | 11 |
| 47 | Decay of inspiratory muscle activity and breath timing in man. Respiration Physiology, 1981, 43, 117-132. | 2.8 | 19 |
| 48 | Change pattern of pleural deformation pressure on varying lung height and volume. Respiration Physiology, 1981, 43, 197-208. | 2.8 | 10 |
| 49 | Pleural liquid and surface pressures at various lung volumes. Respiration Physiology, 1980, 39, 315-326. | 2.8 | 19 |
| 50 | Decay rate of inspiratory muscle pressure during expiration in man. Respiration Physiology, 1979, 36, 269-285. | 2.8 | 34 |
| 51 | Relative decay rate of inspiratory muscle pressure and breath timing in man. Respiration Physiology, 1979, 38, 335-346. | 2.8 | 20 |
| 52 | Acid-base balance of pleural liquid in dogs. Respiration Physiology, 1979, 37, 137-149. | 2.8 | 12 |
| 53 | Breathing pattern in men during inspiratory elastic loads. Respiration Physiology, 1978, 34, 279-293. | 2.8 | 32 |
| 54 | Effects of uneven elastic loads on breathing pattern of anesthetized and conscious men. Respiration Physiology, 1977, 30, 153-168. | 2.8 | 12 |

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|----|---|-----|-----------|
| 55 | The effect of limb movements on the regulation of depth and rate of breathing. Respiration Physiology, 1976, 27, 33-52. | 2.8 | 27 |
| 56 | Effect of rib cage or abdomen compression at iso-lung volume on breathing pattern. Respiration Physiology, 1976, 28, 161-177. | 2.8 | 28 |
| 57 | Immediate response to expiratory threshold load. Respiration Physiology, 1975, 25, 269-284. | 2.8 | 11 |
| 58 | Tonic vagal influences on inspiratory duration. Respiration Physiology, 1975, 24, 287-302. | 2.8 | 60 |
| 59 | Vertical gradients of pleural and transpulmonary pressure with liquid-filled lungs. Respiration Physiology, 1975, 23, 159-173. | 2.8 | 11 |
| 60 | Effect of histamine on the vertical gradient of transpulmonary pressure. Respiration Physiology, 1974, 20, 331-335. | 2.8 | 5 |
| 61 | Distribution of transpulmonary pressure and chest wall shape. Respiration Physiology, 1974, 22, 335-344. | 2.8 | 16 |
| 62 | Continuous recording of pleural surface pressure at various sites. Respiration Physiology, 1973, 19, 356-368. | 2.8 | 40 |
| 63 | Local transpulmonary pressure after lobar occlusion. Respiration Physiology, 1973, 18, 328-337. | 2.8 | 15 |
| 64 | Longitudinal forces acting on the trachea. Respiration Physiology, 1973, 17, 62-71. | 2.8 | 10 |
| 65 | Displacements of the lung hilum, pleural surface pressure and alveolar morphology. Respiration Physiology, 1972, 16, 161-174. | 2.8 | 6 |
| 66 | Topography of pleural surface pressure after pneumo- or hydrothorax. Journal of Applied Physiology, 1972, 32, 296-303. | 1.2 | 19 |
| 67 | Partition of factors contributing to the vertical gradient of transpulmonary pressure. Respiration Physiology, 1971, 12, 90-101. | 2.8 | 18 |
| 68 | Topography of pleural surface pressure during simulation of gravity effect on abdomen. Respiration Physiology, 1971, 12, 102-109. | 2.8 | 25 |
| 69 | Topography of the pleural surface pressure in rabbits and dogs. Respiration Physiology, 1970, 8, 204-229. | 2.8 | 56 |
| 70 | The effect of the abdomen on the vertical gradient of pleural surface pressure. Respiration Physiology, 1970, 8, 332-346. | 2.8 | 61 |
| 71 | Comparative features of the transpulmonary pressure. Respiration Physiology, 1970, 11, 76-83. | 2.8 | 38 |
| 72 | Thickness and pressure of the pleural liquid at various heights and with various hydrothoraces. Respiration Physiology, 1969, 6, 330-342. | 2.8 | 49 |

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|----|--|-----|-----------|
| 73 | The recoil of the most dependent part of the lung. <i>Respiration Physiology</i> , 1968, 5, 379-384. | 2.8 | 11 |
| 74 | The thickness of the pleural liquid. <i>Respiration Physiology</i> , 1968, 5, 1-13. | 2.8 | 35 |
| 75 | Forces deforming the rib cage. <i>Respiration Physiology</i> , 1966, 2, 105-117. | 2.8 | 24 |
| 76 | The Fetal Lung, A Source of Amniotic Fluid. <i>Experimental Biology and Medicine</i> , 1959, 101, 842-845. | 1.1 | 47 |
| 77 | The effects of stimulation of the carotid sinus baroreceptors upon the pulmonary arterial blood pressure in the cat. <i>Journal of Physiology</i> , 1957, 137, 447-459. | 1.3 | 9 |
| 78 | Functional and histological studies of the vagus nerve and its branches to the heart, lungs and abdominal viscera in the cat. <i>Journal of Physiology</i> , 1957, 135, 182-205. | 1.3 | 613 |