Lena Lavie

List of Publications by Year
in descending order

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76	11,378	94433 37	85541 71
papers	citations	h-index	g-index

80	80	80	19208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Obstructive sleep apnoea syndrome â€“ an oxidative stress disorder. Sleep Medicine Reviews, 2003, 7, 35-51.	8.5	854
3	Obstructive sleep apnoea syndrome. Nature Reviews Disease Primers, 2015, 1, 15015.	30.5	681
4	Increased Adhesion Molecules Expression and Production of Reactive Oxygen Species in Leukocytes of Sleep Apnea Patients. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 934-939.	5.6	644
5	Oxidative stress in obstructive sleep apnea and intermittent hypoxia â€“ Revisited â€“ The bad ugly and good: Implications to the heart and brain. Sleep Medicine Reviews, 2015, 20, 27-45.	8.5	426
6	Evidence for lipid peroxidation in obstructive sleep apnea. Sleep, 2004, 27, 123-8.	1.1	245
7	Oxidative Stressâ€”A Unifying Paradigm in Obstructive Sleep Apnea and Comorbidities. Progress in Cardiovascular Diseases, 2009, 51, 303-312.	3.1	229
8	Interindividual Heterogeneity in the Hypoxic Regulation of VEGF. Circulation, 1999, 100, 547-552.	1.6	220
9	Risk Factors for Cardiovascular Disease in Women with Subclinical Hypothyroidism. Thyroid, 2002, 12, 421-425.	4.5	193
10	Decreased Pituitary-Gonadal Secretion in Men with Obstructive Sleep Apnea. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3394-3398.	3.6	190
11	Plasma Vascular Endothelial Growth Factor in Sleep Apnea Syndrome. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1624-1628.	5.6	166
12	Phenotypic and Functional Characterization of Blood Î³Î´ T Cells in Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 242-249.	5.6	157
13	Unexpected survival advantage in elderly people with moderate sleep apnoea. Journal of Sleep Research, 2009, 18, 397-403.	3.2	152
14	Ischemic preconditioning as a possible explanation for the age decline relative mortality in sleep apnea. Medical Hypotheses, 2006, 66, 1069-1073.	1.5	138
15	The Effects of 1-Year Treatment With a Herbst Mandibular Advancement Splint on Obstructive Sleep Apnea, Oxidative Stress, and Endothelial Function. Chest, 2007, 131, 740-749.	0.8	138
16	Evidence for Lipid Peroxidation in Obstructive Sleep Apnea. Sleep, 2004, , .	1.1	129
17	Lymphocyte Activation as a Possible Measure of Atherosclerotic Risk in Patients with Sleep Apnea. Annals of the New York Academy of Sciences, 2005, 1051, 340-350.	3.8	118
18	Delayed Neutrophil Apoptosis in Patients with Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 544-554.	5.6	117

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19	Altered Luteinizing Hormone and Testosterone Secretion in Middleâ€Aged Obese Men with Obstructive Sleep Apnea. Obesity, 2005, 13, 780-786.	4.0	114
20	Mortality risk factors in sleep apnoea: a matched case?control study. Journal of Sleep Research, 2007, 16, 128-134.	3.2	111
21	Sleep-Disordered Breathing and Cerebrovascular Disease: A Mechanistic Approach. Neurologic Clinics, 2005, 23, 1059-1075.	1.8	97
22	Endothelial Dysfunction in Obstructive Sleep Apnea Measured by Peripheral Arterial Tone Response in the Finger to Reactive Hyperemia. Sleep, 2005, 28, 594-600.	1.1	94
23	Oxidative stress inflammation and endothelial dysfunction in obstructive sleep apnea. Frontiers in Bioscience - Elite, 2012, E4, 1391-1403.	1.8	90
24	Plasma Levels of Nitric Oxide and L-Arginine in Sleep Apnea Patients: Effects of nCPAP Treatment. Journal of Molecular Neuroscience, 2003, 21, 57-64.	2.3	87
25	Plasma Homocysteine Levels in Obstructive Sleep Apnea. Chest, 2001, 120, 900-908.	0.8	82
26	Endothelial Progenitor Cells in Acute Myocardial Infarction and Sleep-disordered Breathing. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 90-98.	5.6	73
27	Cardiovascular Aspects in Obstructive Sleep Apnea Syndrome â€“ Molecular Issues, Hypoxia and Cytokine Profiles. Respiration, 2009, 78, 361-370.	2.6	68
28	Oxidative stress inflammation and endothelial dysfunction in obstructive sleep apnea. Frontiers in Bioscience - Elite, 2012, E4, 1391.	1.8	68
29	Circadian pattern of life-threatening ventricular arrhythmia in patients with sleep-disordered breathing and implantable cardioverter-defibrillators. Heart Rhythm, 2011, 8, 657-662.	0.7	64
30	Cardiovascular Morbidity and Mortality in Obstructive Sleep Apnea. Current Pharmaceutical Design, 2008, 14, 3466-3473.	1.9	60
31	Age-associated accumulation of altered FDP aldolase B in mice. FEBS Letters, 1981, 128, 221-224.	2.8	53
32	Intermittent hypoxia: the culprit of oxidative stress, vascular inflammation and dyslipidemia in obstructive sleep apnea. Expert Review of Respiratory Medicine, 2008, 2, 75-84.	2.5	53
33	Sleep apnea related intermittent hypoxia and atherogenesis: Adhesion molecules and monocytes/endothelial cells interactions. Atherosclerosis, 2005, 183, 183-184.	0.8	46
34	Smoking interacts with sleep apnea to increase cardiovascular risk. Sleep Medicine, 2008, 9, 247-253.	1.6	44
35	Molecular Pathways of Spontaneous and TNF-Î±â€“Mediated Neutrophil Apoptosis under Intermittent Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 154-162.	2.9	44
36	Haptoglobin Polymorphism is a Risk Factor for Cardiovascular Disease in Patients with Obstructive Sleep Apnea Syndrome. Sleep, 2003, 26, 592-595.	1.1	43

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37	Oxygen Free Radicals and Neurodegeneration in Parkinson's Disease: A Role for Nitric Oxide^a. Annals of the New York Academy of Sciences, 1994, 738, 64-68.	3.8	43
38	Biology of peripheral blood cells in obstructive sleep apnea â€“ the tip of the iceberg. Archives of Physiology and Biochemistry, 2008, 114, 244-254.	2.1	35
39	Coronary Collateral Circulation in Sleep Apnea. Chest, 2010, 137, 511-512.	0.8	35
40	Heat-shock protein 70: expression in monocytes of patients with sleep apnoea and association with oxidative stress and tumour necrosis factor-Î±. Journal of Sleep Research, 2010, 19, 139-147.	3.2	34
41	Bax/Mcl-1 balance affects neutrophil survival in intermittent hypoxia and obstructive sleep apnea: effects of p38MAPK and ERK1/2 signaling. Journal of Translational Medicine, 2012, 10, 211.	4.4	34
42	Oxidative Stress in Children with Obstructive Sleep Apnea Syndrome. Journal of Clinical Sleep Medicine, 2014, 10, 677-681.	2.6	30
43	Sleep apnea syndrome, endothelial dysfunction, and cardiovascular morbidity. Sleep, 2004, 27, 1053-5.	1.1	29
44	Clinical Implications of Sleep Disordered Breathing in Acute Myocardial Infarction. PLoS ONE, 2014, 9, e88878.	2.5	28
45	Age-related alterations in superoxide anion generation in mouse peritoneal macrophages studied by repeated stimulations and heat shock treatment. Journal of Cellular Physiology, 1992, 152, 382-388.	4.1	27
46	Endothelial progenitor cells in cardiovascular disease and hypoxiaâ€"potential implications to obstructive sleep apnea. Translational Research, 2011, 158, 1-13.	5.0	26
47	Sleep-Disordered Breathing in Acute Ischemic Stroke and Transient Ischemic Attack: Effects on Short- and Long-Term Outcome and Efficacy of Treatment with Continuous Positive Airways Pressure â€“ Rationale and Design of the SAS Care Study. International Journal of Stroke, 2012, 7, 597-603.	5.9	26
48	Elevated Plasma Homocysteine in Older Shiftâ€Workers: A Potential Risk Factor for Cardiovascular Morbidity. Chronobiology International, 2007, 24, 115-128.	2.0	24
49	CrossTalk opposing view: Most cardiovascular diseases in sleep apnoea are not caused by sympathetic activation. Journal of Physiology, 2012, 590, 2817-2819.	2.9	22
50	Daily rhythms in plasma levels of homocysteine. Journal of Circadian Rhythms, 2014, 2, 5.	1.3	21
51	Short-term fibronectin treatment induces endothelial-like and angiogenic properties in monocyte-derived immature dendritic cells: Involvement of intracellular VEGF and MAPK regulation. European Journal of Cell Biology, 2012, 91, 640-653.	3.6	18
52	The development of giant phagocytes in long-term neutrophil cultures. Journal of Leukocyte Biology, 2014, 96, 511-521.	3.3	18
53	Age- and strain-related changes in tissue transglutaminase activity in murine macrophages: the effects of inflammation and induction by retinol. Mechanisms of Ageing and Development, 1996, 90, 129-143.	4.6	15
54	Oxygen free radical production by mouse peritoneal macrophages as a function of age. Mechanisms of Ageing and Development, 1988, 45, 177-189.	4.6	14

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55	Oxidative stress and systemic inflammation in patients with sleep apnea: Role of obesity. Sleep and Biological Rhythms, 2007, 5, 100-110.	1.0	11
56	Does OSA Upregulate Cardioprotective Pathways to an Ischemic Insult?. Chest, 2018, 153, 295-297.	0.8	10
57	Intermittent Hypoxia Induced Formation of â€œEndothelial Cell-Colony Forming Units (EC-CFUs)â€•Is Affected by ROS and Oxidative Stress. Frontiers in Neurology, 2018, 9, 447.	2.4	10
58	Reduced Cardiovascular Morbidity in Obesity-Hypoventilation Syndrome. Chest, 2016, 150, 5-6.	0.8	8
59	Oxidative stress in obese children and adolescents with and without type 2 diabetes mellitus is not associated with obstructive sleep apnea. Sleep and Breathing, 2019, 23, 117-123.	1.7	7
60	Intermittent Hypoxia Affects the Spontaneous DifferentiationIn Vitroof Human Neutrophils into Long-Lived Giant Phagocytes. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	4.0	6
61	The double-edged sword of intermittent hypoxiaâ€”can intermittent hypoxia be both deleterious and protective in OSA? Focus on â€œFrequency and magnitude of intermittent hypoxia modulate endothelial wound healing in a cell culture model of sleep apneaâ€• Journal of Applied Physiology, 2017, 123, 1021-1023.	2.5	6
62	The presence of NADPH-glyceraldehyde 3-phosphate oxidoreductase in macrophages. FEBS Letters, 1983, 162, 107-111.	2.8	4
63	Oxidative Stress â€“ The Culprit of Obstructive Sleep Apnea Syndrome. , 2006, 35, 97-104.		4
64	Obstructive Sleep Apnea and Hypertension: How Strong Is the Association?. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1229-1230.	5.6	4
65	Intermittent Hypoxia and Obstructive Sleep Apnea: Mechanisms, Interindividual Responses and Clinical Insights. , 0, , .		4
66	Sleep apnea, oxidative stress, proinflammatory vascular risk factors, and endothelial disease. , 0, , 11-32.		3
67	Development and Identification of a Novel Subpopulation of Human Neutrophil-derived Giant Phagocytes In Vitro. Journal of Visualized Experiments, 2017, , .	0.3	3
68	Obstructive sleep apnoea and plasma homocysteine. European Heart Journal, 2005, 26, 2210-2210.	2.2	2
69	Rebuttal from Lena Lavie and Peretz Lavie. Journal of Physiology, 2012, 590, 2823-2823.	2.9	2
70	Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing. Advances in Experimental Medicine and Biology, 2017, 1023, 47-54.	1.6	2
71	From Oxidative Stress to Cardiovascular Risk in Obstructive Sleep Apnoea. Vom oxidativen Stress zum kardiovaskularen Risiko bei obstruktiver Schlafapnoe. Somnologie, 2006, 10, 113-119.	1.5	1
72	Markers of Carotid Plaque Destabilization in Patients With Sleep-Disordered Breathing. Frontiers in Neurology, 2022, 13, 811916.	2.4	1

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73	Molecular Biology of Ageing: Age-associated Attenuation in the Regulation of the Expression of Stress Response Genes. Australasian Journal on Ageing, 1998, 17, 47-50.	0.9	0
74	Response to Cracowski et al. Sleep, 2005, 28, 1020-1021.	1.1	0
75	Obstructive sleep apnoea and acetaminophen safety â€“ is the liver at risk?. Experimental Physiology, 2009, 94, 199-200.	2.0	0
76	Editorial: Intermittent Hypoxia: From Basic Mechanisms to Clinical Insights and Therapeutics. Frontiers in Neurology, 2020, 11, 647.	2.4	0