

# Lena Lavie

## List of Publications by Year in descending order

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76  
papers

11,378  
citations

94433

37  
h-index

85541

71  
g-index

80  
all docs

80  
docs citations

80  
times ranked

19208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Markers of Carotid Plaque Destabilization in Patients With Sleep-Disordered Breathing. <i>Frontiers in Neurology</i> , 2022, 13, 811916.	2.4	1
2	Editorial: Intermittent Hypoxia: From Basic Mechanisms to Clinical Insights and Therapeutics. <i>Frontiers in Neurology</i> , 2020, 11, 647.	2.4	0
3	Oxidative stress in obese children and adolescents with and without type 2 diabetes mellitus is not associated with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2019, 23, 117-123.	1.7	7
4	Does OSA Upregulate Cardioprotective Pathways to an Ischemic Insult?. <i>Chest</i> , 2018, 153, 295-297.	0.8	10
5	Intermittent Hypoxia Induced Formation of "Endothelial Cell-Colony Forming Units (EC-CFUs)" Is Affected by ROS and Oxidative Stress. <i>Frontiers in Neurology</i> , 2018, 9, 447.	2.4	10
6	Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1023, 47-54.	1.6	2
7	The double-edged sword of intermittent hypoxia" can intermittent hypoxia be both deleterious and protective in OSA? Focus on "Frequency and magnitude of intermittent hypoxia modulate endothelial wound healing in a cell culture model of sleep apnea". <i>Journal of Applied Physiology</i> , 2017, 123, 1021-1023.	2.5	6
8	Development and Identification of a Novel Subpopulation of Human Neutrophil-derived Giant Phagocytes <i>In Vitro</i> . <i>Journal of Visualized Experiments</i> , 2017, . .	0.3	3
9	Intermittent Hypoxia Affects the Spontaneous Differentiation <i>In Vitro</i> of Human Neutrophils into Long-Lived Giant Phagocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	4.0	6
10	Reduced Cardiovascular Morbidity in Obesity-Hypoventilation Syndrome. <i>Chest</i> , 2016, 150, 5-6.	0.8	8
11	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
12	Obstructive sleep apnoea syndrome. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15015.	30.5	681
13	Oxidative stress in obstructive sleep apnea and intermittent hypoxia " Revisited " The bad ugly and good: Implications to the heart and brain. <i>Sleep Medicine Reviews</i> , 2015, 20, 27-45.	8.5	426
14	Clinical Implications of Sleep Disordered Breathing in Acute Myocardial Infarction. <i>PLoS ONE</i> , 2014, 9, e88878.	2.5	28
15	Daily rhythms in plasma levels of homocysteine. <i>Journal of Circadian Rhythms</i> , 2014, 2, 5.	1.3	21
16	The development of giant phagocytes in long-term neutrophil cultures. <i>Journal of Leukocyte Biology</i> , 2014, 96, 511-521.	3.3	18
17	Oxidative Stress in Children with Obstructive Sleep Apnea Syndrome. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 677-681.	2.6	30
18	Endothelial Progenitor Cells in Acute Myocardial Infarction and Sleep-disordered Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 90-98.	5.6	73

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19	CrossTalk opposing view: Most cardiovascular diseases in sleep apnoea are not caused by sympathetic activation. <i>Journal of Physiology</i> , 2012, 590, 2817-2819.	2.9	22
20	Rebuttal from Lena Lavie and Peretz Lavie. <i>Journal of Physiology</i> , 2012, 590, 2823-2823.	2.9	2
21	Bax/Mcl-1 balance affects neutrophil survival in intermittent hypoxia and obstructive sleep apnea: effects of p38MAPK and ERK1/2 signaling. <i>Journal of Translational Medicine</i> , 2012, 10, 211.	4.4	34
22	Oxidative stress inflammation and endothelial dysfunction in obstructive sleep apnea. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1391-1403.	1.8	90
23	Short-term fibronectin treatment induces endothelial-like and angiogenic properties in monocyte-derived immature dendritic cells: Involvement of intracellular VEGF and MAPK regulation. <i>European Journal of Cell Biology</i> , 2012, 91, 640-653.	3.6	18
24	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. <i>International Journal of Stroke</i> , 2012, 7, 597-603.	5.9	26
25	Oxidative stress inflammation and endothelial dysfunction in obstructive sleep apnea. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1391.	1.8	68
26	Circadian pattern of life-threatening ventricular arrhythmia in patients with sleep-disordered breathing and implantable cardioverter-defibrillators. <i>Heart Rhythm</i> , 2011, 8, 657-662.	0.7	64
27	Endothelial progenitor cells in cardiovascular disease and hypoxiaâ€”potential implications to obstructive sleep apnea. <i>Translational Research</i> , 2011, 158, 1-13.	5.0	26
28	Obstructive Sleep Apnea and Hypertension: How Strong Is the Association?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1229-1230.	5.6	4
29	Molecular Pathways of Spontaneous and TNF-Î±-Mediated Neutrophil Apoptosis under Intermittent Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 154-162.	2.9	44
30	Coronary Collateral Circulation in Sleep Apnea. <i>Chest</i> , 2010, 137, 511-512.	0.8	35
31	Heat-shock protein 70: expression in monocytes of patients with sleep apnoea and association with oxidative stress and tumour necrosis factor-Î±. <i>Journal of Sleep Research</i> , 2010, 19, 139-147.	3.2	34
32	Cardiovascular Aspects in Obstructive Sleep Apnea Syndrome â€” Molecular Issues, Hypoxia and Cytokine Profiles. <i>Respiration</i> , 2009, 78, 361-370.	2.6	68
33	Oxidative Stressâ€”A Unifying Paradigm in Obstructive Sleep Apnea and Comorbidities. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 303-312.	3.1	229
34	Unexpected survival advantage in elderly people with moderate sleep apnoea. <i>Journal of Sleep Research</i> , 2009, 18, 397-403.	3.2	152
35	Obstructive sleep apnoea and acetaminophen safety â€” is the liver at risk?. <i>Experimental Physiology</i> , 2009, 94, 199-200.	2.0	0
36	Biology of peripheral blood cells in obstructive sleep apnea â€” the tip of the iceberg. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 244-254.	2.1	35

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37	Smoking interacts with sleep apnea to increase cardiovascular risk. <i>Sleep Medicine</i> , 2008, 9, 247-253.	1.6	44
38	Intermittent hypoxia: the culprit of oxidative stress, vascular inflammation and dyslipidemia in obstructive sleep apnea. <i>Expert Review of Respiratory Medicine</i> , 2008, 2, 75-84.	2.5	53
39	Delayed Neutrophil Apoptosis in Patients with Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 544-554.	5.6	117
40	Cardiovascular Morbidity and Mortality in Obstructive Sleep Apnea. <i>Current Pharmaceutical Design</i> , 2008, 14, 3466-3473.	1.9	60
41	The Effects of 1-Year Treatment With a Herbst Mandibular Advancement Splint on Obstructive Sleep Apnea, Oxidative Stress, and Endothelial Function. <i>Chest</i> , 2007, 131, 740-749.	0.8	138
42	Elevated Plasma Homocysteine in Older Shiftworkers: A Potential Risk Factor for Cardiovascular Morbidity. <i>Chronobiology International</i> , 2007, 24, 115-128.	2.0	24
43	Mortality risk factors in sleep apnoea: a matched case-control study. <i>Journal of Sleep Research</i> , 2007, 16, 128-134.	3.2	111
44	Oxidative stress and systemic inflammation in patients with sleep apnea: Role of obesity. <i>Sleep and Biological Rhythms</i> , 2007, 5, 100-110.	1.0	11
45	Ischemic preconditioning as a possible explanation for the age decline relative mortality in sleep apnea. <i>Medical Hypotheses</i> , 2006, 66, 1069-1073.	1.5	138
46	Oxidative Stress – The Culprit of Obstructive Sleep Apnea Syndrome. , 2006, 35, 97-104.		4
47	From Oxidative Stress to Cardiovascular Risk in Obstructive Sleep Apnoea. Vom oxidativen Stress zum kardiovaskularen Risiko bei obstruktiver Schlafapnoe. <i>Somnologie</i> , 2006, 10, 113-119.	1.5	1
48	Endothelial Dysfunction in Obstructive Sleep Apnea Measured by Peripheral Arterial Tone Response in the Finger to Reactive Hyperemia. <i>Sleep</i> , 2005, 28, 594-600.	1.1	94
49	Lymphocyte Activation as a Possible Measure of Atherosclerotic Risk in Patients with Sleep Apnea. <i>Annals of the New York Academy of Sciences</i> , 2005, 1051, 340-350.	3.8	118
50	Altered Luteinizing Hormone and Testosterone Secretion in Middle-Aged Obese Men with Obstructive Sleep Apnea. <i>Obesity</i> , 2005, 13, 780-786.	4.0	114
51	Response to Cracowski et al. <i>Sleep</i> , 2005, 28, 1020-1021.	1.1	0
52	Obstructive sleep apnoea and plasma homocysteine. <i>European Heart Journal</i> , 2005, 26, 2210-2210.	2.2	2
53	Sleep apnea related intermittent hypoxia and atherogenesis: Adhesion molecules and monocytes/endothelial cells interactions. <i>Atherosclerosis</i> , 2005, 183, 183-184.	0.8	46
54	Sleep-Disordered Breathing and Cerebrovascular Disease: A Mechanistic Approach. <i>Neurologic Clinics</i> , 2005, 23, 1059-1075.	1.8	97

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55	Evidence for Lipid Peroxidation in Obstructive Sleep Apnea. <i>Sleep</i> , 2004, , .	1.1	129
56	Evidence for lipid peroxidation in obstructive sleep apnea. <i>Sleep</i> , 2004, 27, 123-8.	1.1	245
57	Sleep apnea syndrome, endothelial dysfunction, and cardiovascular morbidity. <i>Sleep</i> , 2004, 27, 1053-5.	1.1	29
58	Plasma Levels of Nitric Oxide and L-Arginine in Sleep Apnea Patients: Effects of nCPAP Treatment. <i>Journal of Molecular Neuroscience</i> , 2003, 21, 57-64.	2.3	87
59	Obstructive sleep apnoea syndrome â€œ an oxidative stress disorder. <i>Sleep Medicine Reviews</i> , 2003, 7, 35-51.	8.5	854
60	Phenotypic and Functional Characterization of Blood Î³Î³ T Cells in Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 242-249.	5.6	157
61	Haptoglobin Polymorphism is a Risk Factor for Cardiovascular Disease in Patients with Obstructive Sleep Apnea Syndrome. <i>Sleep</i> , 2003, 26, 592-595.	1.1	43
62	Increased Adhesion Molecules Expression and Production of Reactive Oxygen Species in Leukocytes of Sleep Apnea Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 934-939.	5.6	644
63	Decreased Pituitary-Gonadal Secretion in Men with Obstructive Sleep Apnea. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3394-3398.	3.6	190
64	Plasma Vascular Endothelial Growth Factor in Sleep Apnea Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 1624-1628.	5.6	166
65	Risk Factors for Cardiovascular Disease in Women with Subclinical Hypothyroidism. <i>Thyroid</i> , 2002, 12, 421-425.	4.5	193
66	Plasma Homocysteine Levels in Obstructive Sleep Apnea. <i>Chest</i> , 2001, 120, 900-908.	0.8	82
67	Interindividual Heterogeneity in the Hypoxic Regulation of VEGF. <i>Circulation</i> , 1999, 100, 547-552.	1.6	220
68	Molecular Biology of Ageing: Age-associated Attenuation in the Regulation of the Expression of Stress Response Genes. <i>Australasian Journal on Ageing</i> , 1998, 17, 47-50.	0.9	0
69	Age- and strain-related changes in tissue transglutaminase activity in murine macrophages: the effects of inflammation and induction by retinol. <i>Mechanisms of Ageing and Development</i> , 1996, 90, 129-143.	4.6	15
70	Oxygen Free Radicals and Neurodegeneration in Parkinson's Disease: A Role for Nitric Oxide<sup>a</sup>. <i>Annals of the New York Academy of Sciences</i> , 1994, 738, 64-68.	3.8	43
71	Age-related alterations in superoxide anion generation in mouse peritoneal macrophages studied by repeated stimulations and heat shock treatment. <i>Journal of Cellular Physiology</i> , 1992, 152, 382-388.	4.1	27
72	Oxygen free radical production by mouse peritoneal macrophages as a function of age. <i>Mechanisms of Ageing and Development</i> , 1988, 45, 177-189.	4.6	14

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73	The presence of NADPH-glyceraldehyde 3-phosphate oxidoreductase in macrophages. FEBS Letters, 1983, 162, 107-111.	2.8	4
74	Age-associated accumulation of altered FDP aldolase B in mice. FEBS Letters, 1981, 128, 221-224.	2.8	53
75	Sleep apnea, oxidative stress, proinflammatory vascular risk factors, and endothelial disease. , 0, , 11-32.		3
76	Intermittent Hypoxia and Obstructive Sleep Apnea: Mechanisms, Interindividual Responses and Clinical Insights. , 0, , .		4