

# Denis Monneret

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,997  
citations

304743

22  
h-index

243625

44  
g-index

86  
all docs

86  
docs citations

86  
times ranked

2953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Injury after Noncardiac Surgery. <i>Anesthesiology</i> , 2014, 120, 564-578.	2.5	740
2	Noninvasive Ventilation in Mild Obesity Hypoventilation Syndrome. <i>Chest</i> , 2012, 141, 692-702.	0.8	133
3	Sleep quality, sleep duration and physical activity in obese adolescents: effects of exercise training. <i>Pediatric Obesity</i> , 2016, 11, 26-32.	2.8	79
4	Corticosteroid after etomidate in critically ill patients. <i>Critical Care Medicine</i> , 2012, 40, 29-35.	0.9	77
5	Endothelial Dysfunction and Specific Inflammation in Obesity Hypoventilation Syndrome. <i>PLoS ONE</i> , 2009, 4, e6733.	2.5	70
6	Significant Improvement in Arterial Stiffness After Endurance Training in Patients With COPD. <i>Chest</i> , 2010, 137, 585-592.	0.8	67
7	Obesity hypoventilation syndrome: From sleep-disordered breathing to systemic comorbidities and the need to offer combined treatment strategies. <i>Respirology</i> , 2012, 17, 601-610.	2.3	62
8	Altitude illness is related to low hypoxic chemoresponse and low oxygenation during sleep. <i>European Respiratory Journal</i> , 2012, 40, 673-680.	6.7	55
9	Independent Association of Urinary F2-Isoprostanes With Survival in Pulmonary Arterial Hypertension. <i>Chest</i> , 2012, 142, 869-876.	0.8	50
10	Sleep deprivation, sleep apnea and cardiovascular diseases. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 2007.	1.8	47
11	Association of urinary 15-F <sub>2</sub> t-isoprostane level with oxygen desaturation and carotid intima-media thickness in nonobese sleep apnea patients. <i>Free Radical Biology and Medicine</i> , 2010, 48, 619-625.	2.9	45
12	Impact of exercise training without caloric restriction on inflammation, insulin resistance and visceral fat mass in obese adolescents. <i>Pediatric Obesity</i> , 2015, 10, 311-319.	2.8	43
13	Sample management for clinical biochemistry assays: Are serum and plasma interchangeable specimens?. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 480-500.	6.1	42
14	Hemolysis indexes for biochemical tests and immunoassays on Roche analyzers: Determination of allowable interference limits according to different calculation methods. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 162-169.	1.2	40
15	Reduced six-minute walking distance, high fat-free-mass index and hypercapnia are associated with endothelial dysfunction in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2012, 183, 128-134.	1.6	32
16	The Severity of Nocturnal Hypoxia but Not Abdominal Adiposity Is Associated with Insulin Resistance in Non-Obese Men with Sleep Apnea. <i>PLoS ONE</i> , 2013, 8, e71000.	2.5	32
17	Endothelin regulates intermittent hypoxia-induced lipolytic remodelling of adipose tissue and phosphorylation of hormone-sensitive lipase. <i>Journal of Physiology</i> , 2016, 594, 1727-1740.	2.9	28
18	Prognostic value of liver fibrosis and steatosis biomarkers in type-2 diabetes and dyslipidaemia. <i>Alimentary Pharmacology and Therapeutics</i> , 2014, 40, 1081-1093.	3.7	27

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19	Stability of Routine Biochemical Analytes in Whole Blood and Plasma From Lithium Heparin Gel Tubes During 6â€hr Storage. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 602-609.	2.1	27
20	Determination of age- and sex-specific 99th percentiles for high-sensitive troponin T from patients: an analytical imprecision- and partitioning-based approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 818-829.	2.3	27
21	Pleiotropic role of IGF-I in obesity hypoventilation syndrome. <i>Growth Hormone and IGF Research</i> , 2010, 20, 127-133.	1.1	25
22	The impact of obstructive sleep apnea on homocysteine and carotid remodeling in metabolic syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 298-304.	1.6	22
23	Glucose tolerance and cardiovascular risk biomarkers in non-diabetic non-obese obstructive sleep apnea patients: Effects of long-term continuous positive airway pressure. <i>Respiratory Medicine</i> , 2016, 112, 119-125.	2.9	21
24	Plasma 15-F2t isoprostane concentrations are increased during acute fructose loading in type 2 diabetes. <i>Diabetes and Metabolism</i> , 2008, 34, 148-154.	2.9	19
25	Intermittent hypoxia in obese Zucker rats: cardiometabolic and inflammatory effects. <i>Experimental Physiology</i> , 2016, 101, 1432-1442.	2.0	18
26	Treating hepatic encephalopathy in cirrhotic patients admitted to <scp>ICU</scp> with sodium phenylbutyrate: a preliminary study. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 209-215.	1.9	17
27	Respective effects of OSA treatment and angiotensin receptor blocker on aldosterone in hypertensive OSA patients: A randomized cross-over controlled trial. <i>International Journal of Cardiology</i> , 2014, 177, 629-631.	1.7	15
28	Evaluation of LOCIÂ® technology-based thyroid blood tests on the Dimension VistaÂ® analyzer. <i>Clinical Biochemistry</i> , 2013, 46, 1290-1297.	1.9	13
29	Variability in definitions of transaminase upper limit of the normal impacts the APRI performance as a biomarker of fibrosis in patients with chronic hepatitis C: â€œAPRI câ€™est fini?â€ Clinics and Research in Hepatology and Gastroenterology, 2014, 38, 432-439.	1.5	10
30	Serum lipid profile, sleep-disordered breathing and blood pressure in the elderly: a 10-year follow-up of the PROOF-SYNAPSE cohort. <i>Sleep Medicine</i> , 2017, 39, 14-22.	1.6	10
31	Wide-range CRP versus high-sensitivity CRP on Roche analyzers: focus on low-grade inflammation ranges and high-sensitivity cardiac troponin T levels. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 346-351.	1.2	9
32	Performance of liver biomarkers, in patients at risk of nonalcoholic steato-hepatitis, according to presence of type-2 diabetes. <i>European Journal of Gastroenterology and Hepatology</i> , 2020, 32, 998-1007.	1.6	8
33	Comparison of a 10- vs. 15-min centrifugation time for chemical and immunochemical assays and impact on turnaround time in a hospital laboratory. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e117-21.	2.3	7
34	Reference percentiles for paired arterial and venous umbilical cord blood gases: An indirect nonparametric approach. <i>Clinical Biochemistry</i> , 2019, 67, 40-47.	1.9	7
35	S100B Serum Elevation Predicts In-Hospital Mortality After Brain Arteriovenous Malformation Rupture. <i>Stroke</i> , 2019, 50, 1250-1253.	2.0	7
36	S100B protein concentration measurement according to two different immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e169-71.	2.3	6

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37	Bicarbonate or Base Excess in Early Obesity Hypoventilation Syndrome. <i>Chest</i> , 2015, 147, e231.	0.8	5
38	High-Sensitivity Cardiac Troponin T: a Preanalytical Evaluation. <i>Clinical Laboratory</i> , 2016, 62, 743-8.	0.5	5
39	Analytical comparison of the new point-of-care troponin T immunoassay on AQT90Flex <sup>®</sup> analyzer (Radiometer) and the high-sensitivity troponin T immunoassay on ModularE170 <sup>®</sup> (Roche Diagnostics). <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e279-82.	2.3	4
40	Cytokines in pulmonary arterial hypertension: consider sensitivity when using multiplex technology. <i>European Respiratory Journal</i> , 2014, 44, 547-549.	6.7	4
41	Paradoxical decrease in isoprostane and increase in superoxide dismutase following CPAP withdrawal in OSA. <i>European Respiratory Journal</i> , 2016, 47, 1012-1014.	6.7	4
42	Estimated GFR-specific 99th percentiles for high-sensitive cardiac troponin T based on the adjusted analytical change limit (adjACL) in hospitalized patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, e5-e7.	2.3	4
43	Evaluation of HbA1c as a prognostic biomarker of cardiovascular events and mortality in nondiabetic patients: Methodological considerations. <i>Atherosclerosis</i> , 2015, 242, 19-21.	0.8	3
44	External validation of an algorithm combining multi-analyte blood tests (FibroTest <sup>®</sup> LCR1 <sup>®</sup> LCR2) to identify subjects at risk of hepatocellular carcinoma in patients with chronic liver disease. <i>GastroHep</i> , 2019, 1, 146-153.	0.6	3
45	Passage of uranium through human cerebral microvascular endothelial cells: influence of time exposure in mono- and co-culture in Vitro models. <i>International Journal of Radiation Biology</i> , 2020, 96, 1597-1607.	1.8	3
46	Isoprostane as a promising prognostic biomarker in pulmonary arterial hypertension: preanalytical and analytical viewpoints. <i>International Journal of Cardiology</i> , 2014, 177, 527-528.	1.7	2
47	Isoprostane as oxidative stress biomarker in the VARIAFIT study: Analytical and methodological considerations. <i>Diabetes and Metabolism</i> , 2014, 40, 316-317.	2.9	2
48	Letter by Monneret et al Regarding Article, "Cardiac Structure and Function Across the Glycemic Spectrum in Elderly Men and Women Free of Prevalent Heart Disease: The Atherosclerosis Risk In the Community Study". <i>Circulation: Heart Failure</i> , 2015, 8, 1009-1009.	3.9	2
49	Plasma endothelin-1 in acute heart failure: pathophysiological and preanalytical considerations. <i>European Journal of Heart Failure</i> , 2016, 18, 579-579.	7.1	2
50	Comment on direct bilirubin as predictor of severity and mortality in idiopathic pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2017, 239, 35.	1.7	2
51	Endothelial Dysfunction and Specific Systemic Inflammation in Obesity Hypoventilation Syndrome., 2009, , .		1
52	Effects Of CPAP And Valsartan Randomly Assigned On Baroreflex Function And Aldosterone In Hypertensive OSAS., 2011, , .		1
53	Blood-brain barrier dysfunction assessed by protein S-100 beta levels in cirrhotic patients in ICU. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	1.9	1
54	Comparison of measured venous carbon dioxide and calculated arterial bicarbonates according to the PaCO <sub>2</sub> and PaO <sub>2</sub> cut-off values of obesity hypoventilation syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e343-6.	2.3	1

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55	Introducing High-Sensitivity Cardiac Troponin T as a Biomarker of OSA-Related Cardiovascular Morbidity in Obesity Hypoventilation Syndrome. <i>Chest</i> , 2016, 150, 1408-1409.	0.8	1
56	Potassium as a potential predictive biomarker of brain hypoxia in avalanche victims: preanalytical recommendations. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1315-1316.	1.6	1
57	Non-linearity and gaps in results distribution over successive Roche Lipase method applications: improvement but persistence. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 572-578.	1.2	1
58	Outlier removal methods for skewed data: impact on age-specific high-sensitive cardiac troponin T 99th percentiles. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e244-e247.	2.3	1
59	Relationships between renal function variations and relative changes in cardiac troponin T concentrations based on quantile generalized additive models (qgam). <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1115-1125.	2.3	1
60	Stability of lactate in venous blood gas and sodium fluoride-potassium oxalate plasma: a 6-year retrospective database analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e438-e441.	2.3	1
61	N-terminal pro-brain natriuretic peptide: a potential follow-up biomarker of mandibular advancement device efficacy on cardiac function in obstructive sleep apnea. <i>F1000Research</i> , 2018, 7, 1818.	1.6	1
62	Impact of pH on Urine Chemistry Assayed on Roche Analyzers. <i>Clinical Laboratory</i> , 2017, 63, 1749-1753.	0.5	1
63	Fibromax-based nonalcoholic fatty liver disease in chronic obstructive pulmonary disease patients with obstructive sleep apnea: Methodological considerations. <i>F1000Research</i> , 2017, 6, 1669.	1.6	1
64	N-terminal pro-brain natriuretic peptide: a potential follow-up biomarker of mandibular advancement device efficacy on cardiac function in obstructive sleep apnea. <i>F1000Research</i> , 2018, 7, 1818.	1.6	1
65	ENDOTHELIAL DYSFUNCTION AND SPECIFIC SYSTEMIC INFLAMMATION IN OBESITY HYPOVENTILATION SYNDROME. <i>Chest</i> , 2009, 136, 104S.	0.8	0
66	Association Of Urinary 15-F2t-isoprostane Level With Oxygen Desaturation And Carotid Intima-media Thickness In Non-obese Sleep Apnea Patients. , 2010, , .		0
67	One-month Of Non-Invasive Ventilation In Obesity Hypoventilation Syndrome Improves Sleep Architecture And Blood Gases But Has No Impact On Inflammatory, Metabolic And Cardiovascular Status: A Randomized Controlled Trial. , 2010, , .		0
68	High-Altitude Illness And Hypoxic Chemoresponsivness: A Unifying View Of Individual Susceptibility. , 2011, , .		0
69	Cardiovascular And Metabolic Consequences Of Chronic Intermittent Hypoxia In Lean Versus Obese Zucker Rats. , 2011, , .		0
70	The Impact Of Obstructive Sleep Apnea On Homocysteine And Carotid Remodelling In Patients With Metabolic Syndrome. , 2011, , .		0
71	P1039 APPLICABILITY (APP) CRITERIA FOR REAL-TIME SHEAR WAVE ELASTOGRAPHY (RT-SWE) BY AIXPLORER COMPARED TO TRANSIENT ELASTOGRAPHY (TE) BY FIBROSCAN AND TO FIBROTEST. <i>Journal of Hepatology</i> , 2014, 60, S421.	3.7	0
72	P1024 PRESENCE OF HEPATIC STEATOSIS AS PER NON-INVASIVE BIOMARKERS OVERESTIMATES FIBROSIS STAGES BASED ON LIVER STIFFNESS MEASUREMENT (LSM) BY TRANSIENT ELASTOGRAPHY IN TYPE-2 DIABETIC (T2D) PATIENTS. <i>Journal of Hepatology</i> , 2014, 60, S416.	3.7	0

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73	P0141 : Blood-brain barrier dysfunction assessed by Protein S-100 beta levels in cirrhotic patients. Journal of Hepatology, 2015, 62, S354.	3.7	0
74	Analytical Performance Requirements for Biomarker-based Studies Evaluating Continuous Positive Airway Pressure Effects in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 522-523.	5.6	0
75	Serum sCD163 as a biomarker of adipose tissue inflammation in obstructive sleep apnoea patients: limits and perspectives. European Respiratory Journal, 2017, 50, 1701038.	6.7	0
76	Homeostasis model assessment of insulin resistance and lobular inflammation in nondiabetic patients with nonalcoholic fatty liver disease: methodological considerations. European Journal of Gastroenterology and Hepatology, 2020, 32, 542-542.	1.6	0
77	Endothelin regulates intermittent hypoxia-induced lipolytic remodelling of adipose tissue and phosphorylation of hormone-sensitive lipase. , 2015, , .		0
78	High-sensitive cardiac troponin after CPAP in obstructive sleep apnoea: the adjusted analytical change limit (adjACL) for small variations at low concentrations. European Respiratory Journal, 2022, 59, 2103022.	6.7	0