

# Dominique Laude

## List of Publications by Year in descending order

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91  
papers

3,379  
citations

156536

32  
h-index

175968

55  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3263  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Baroreflex sensitivity assessed with the sequence method is associated with ventricular arrhythmias in patients implanted with a defibrillator for the primary prevention of sudden cardiac death. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 270-277.        | 0.7 | 4         |
| 2  | EEG profiles during general anesthesia in children: A comparative study between sevoflurane and propofol. <i>Paediatric Anaesthesia</i> , 2019, 29, 250-257.   | 0.6 | 22        |
| 3  | Sympathetic baroreceptor regulation during hypoxic hypotension in humans. <i>Journal of Hypertension</i> , 2018, 36, 1188-1194.  | 0.3 | 5         |
| 4  | The Neural Baroreflex Pathway in Subjects With Metabolic Syndrome. <i>Medicine (United States)</i> , 2016, 95, e2472.  | 0.4 | 17        |
| 5  | Spontaneous baroreflex sensitivity measured early after acute myocardial infarction is an independent predictor of cardiovascular mortality: Results from a 12-year follow-up study. <i>International Journal of Cardiology</i> , 2014, 177, 120-122.                      | 0.8 | 9         |
| 6  | Involvement of the dorsomedial hypothalamus and the nucleus tractus solitarii in chronic cardiovascular changes associated with anxiety in rats. <i>Journal of Physiology</i> , 2013, 591, 1871-1887.  | 1.3 | 46        |
| 7  | Visualizing oxidative stress-induced depression of cardiac vagal baroreflex by MRI/DTI in a mouse neurogenic hypertension model. <i>NeuroImage</i> , 2013, 82, 190-199.  | 2.1 | 28        |
| 8  | CARDIOVASCULAR RHYTHMS AND CARDIAC BAROREFLEX SENSITIVITY IN AT1RECEPTOR GAIN-OF-FUNCTION MUTANT MICE. <i>Chronobiology International</i> , 2010, 27, 128-137.   | 0.9 | 11        |
| 9  | Tissue kallikrein deficiency and renovascular hypertension in the mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1385-R1391.   | 0.9 | 16        |
| 10 | Tuning of the sequence technique. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2009, 28, 30-34.  | 1.1 | 28        |
| 11 | Acute effects of sildenafil on flow mediated dilatation and cardiovascular autonomic nerve function in type 2 diabetic patients. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 136-143.  | 1.7 | 24        |
| 12 | Arterial stiffness and the autonomic nervous system during the development of Zucker diabetic fatty rats. <i>Diabetes and Metabolism</i> , 2009, 35, 364-370.  | 1.4 | 17        |
| 13 | Tuba players reproduce a Valsalva maneuver while playing high notes. <i>Clinical Autonomic Research</i> , 2008, 18, 96-104.  | 1.4 | 26        |
| 14 | EFFECTS OF ATROPINE ON THE TIME AND FREQUENCY DOMAIN ESTIMATES OF BLOOD PRESSURE AND HEART RATE VARIABILITY IN MICE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 454-457.   | 0.9 | 26        |
| 15 | Applicability of recent methods used to estimate spontaneous baroreflex sensitivity to resting mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R142-R150.   | 0.9 | 61        |
| 16 | Accelerated arterial stiffening and gene expression profile of the aorta in patients with coronary artery disease. <i>Journal of Hypertension</i> , 2008, 26, 747-757.   | 0.3 | 26        |
| 17 | Aortic stiffness and pulse pressure amplification in Wistar-Kyoto and spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2506-H2512.  | 1.5 | 42        |
| 18 | Optimal frequency ranges for extracting information on cardiovascular autonomic control from the blood pressure and pulse interval spectrograms in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R904-R912. | 0.9 | 68        |

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|----|---|-----|-----------|
| 19 | Specific Serotonin Reuptake Inhibition in Major Depressive Disorder Adversely Affects Novel Markers of Cardiac Risk. <i>Hypertension Research</i> , 2007, 30, 285-293.  | 1.5 | 70        |
| 20 | Differential effects of metaboreceptor and chemoreceptor activation on sympathetic and cardiac baroreflex control following exercise in hypoxia in human. <i>Journal of Physiology</i> , 2007, 585, 165-174.                              | 1.3 | 28        |
| 21 | Noninvasive investigation of autonomic activity after carotid stenting or carotid endarterectomy. <i>Journal of Vascular Surgery</i> , 2006, 44, 472-479.   | 0.6 | 48        |
| 22 | Effects of rilmenidine on 24-h rhythmicity of blood pressure and spontaneous baroreflex sensitivity in essential hypertensive subjects. <i>Journal of Hypertension</i> , 2006, 24, 1619-1625.   | 0.3 | 12        |
| 23 | Short-term blood pressure and heart rate variability in congenital central hypoventilation syndrome (Ondine's curse). <i>Clinical Science</i> , 2005, 108, 225-230.   | 1.8 | 67        |
| 24 | Comparison of various techniques used to estimate spontaneous baroreflex sensitivity (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T Physiology, 2004, 286, R226-R231.  | 0.9 | 325       |
| 25 | Assessing the Sensitivity of Spontaneous Baroreflex Control of the Heart: Deeper Insight Into Complex Physiology. <i>Hypertension</i> , 2004, 43, e32-4; author reply e32-4.  | 1.3 | 33        |
| 26 | Stroke volume monitored by modeling flow from finger arterial pressure waves mirrors blood volume withdrawn by phlebotomy. <i>Clinical Autonomic Research</i> , 2004, 14, 176-81.   | 1.4 | 47        |
| 27 | Does Halothane Really Preserve Cardiac Baroreflex Better Than Sevoflurane? A Noninvasive Study of Spontaneous Baroreflex in Children Anesthetized with Sevoflurane Versus Halothane. <i>Anesthesia and Analgesia</i> , 2004, 99, 360-369. | 1.1 | 14        |
| 28 | Contrasting circadian rhythms of blood pressure among inbred rat strains. <i>Journal of Hypertension</i> , 2004, 22, 727-737.   | 0.3 | 25        |
| 29 | Different vascular responsiveness to angiotensin II in two normotensive rat strains. <i>Fundamental and Clinical Pharmacology</i> , 2003, 17, 315-321.  | 1.0 | 3         |
| 30 | Non-invasive assessment of cardiovascular autonomic activity induced by brief exposure to 50% nitrous oxide in children. <i>British Journal of Anaesthesia</i> , 2002, 88, 637-643.   | 1.5 | 23        |
| 31 | Sympathetic and cardiac baroreflex function in panic disorder. <i>Journal of Hypertension</i> , 2002, 20, 2445-2451.  | 0.3 | 57        |
| 32 | Elastin mutation is associated with a reduced gain of the baroreceptor - heart rate reflex in patients with Williams syndrome. <i>Clinical Autonomic Research</i> , 2002, 12, 72-77.  | 1.4 | 14        |
| 33 | Effects of drugs on the autonomic control of short-term heart rate variability. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 90, 116-121.  | 1.4 | 40        |
| 34 | Effects of aerobatics flight on oxygen consumption and heart rate control: influence on autonomic cardiovascular regulation during recovery. <i>European Journal of Applied Physiology</i> , 2001, 84, 562-568.                           | 1.2 | 6         |
| 35 | Time- and frequency-domain estimation of early diabetic cardiovascular autonomic neuropathy. <i>Clinical Autonomic Research</i> , 2001, 11, 369-376.  | 1.4 | 86        |
| 36 | Genetic Influences On Cardiovascular Responses To An Acoustic Startle Stimulus In Rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 1096-1099.   | 0.9 | 24        |

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|----|--|-----|-----------|
| 37 | Relationship between pulse interval and respiratory sinus arrhythmia: a time- and frequency-domain analysis of the effects of atropine. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 441, 650-655.                    | 1.3 | 46        |
| 38 | Intense endurance training on heart rate and blood pressure variability in runners. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1120-1125.  | 0.2 | 67        |
| 39 | Antihypertensive Monotherapy and Cardiovascular Responses to an Acoustic Startle Stimulus. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 101-107.  | 0.8 | 5         |
| 40 | Assessment of autonomic cardiovascular changes associated with recovery from anaesthesia in children: a study using spectral analysis of blood pressure and heart rate variability. <i>Paediatric Anaesthesia</i> , 2000, 10, 653-660. | 0.6 | 8         |
| 41 | Early detection of cardiovascular autonomic neuropathy in diabetic pigs using blood pressure and heart rate variability. <i>Cardiovascular Research</i> , 2000, 45, 889-899.   | 1.8 | 40        |
| 42 | Assessment of short-term blood pressure variability in anesthetized children: a comparative study between intraarterial and finger blood pressure. <i>Journal of Clinical Monitoring and Computing</i> , 1999, 15, 205-214.            | 0.7 | 11        |
| 43 | Short-term variability of blood pressure and heart rate in Guillain-Barre syndrome without respiratory failure. <i>Clinical Science</i> , 1999, 96, 613-621.   | 1.8 | 14        |
| 44 | Pulse rate variability is not a surrogate for heart rate variability. <i>Clinical Science</i> , 1999, 97, 391-397.   | 1.8 | 114       |
| 45 | Short-term variability of blood pressure and heart rate in Guillain-Barre syndrome without respiratory failure. <i>Clinical Science</i> , 1999, 96, 613.   | 1.8 | 9         |
| 46 | Pulse rate variability is not a surrogate for heart rate variability. <i>Clinical Science</i> , 1999, 97, 391.   | 1.8 | 57        |
| 47 | Effects of an auditory startle stimulus on blood pressure and heart rate in humans. <i>Journal of Hypertension</i> , 1999, 17, 1893-1897.  | 0.3 | 56        |
| 48 | Blood pressure variability in established L-NAME hypertension in rats. <i>Journal of Hypertension</i> , 1999, 17, 1527-1534.   | 0.3 | 21        |
| 49 | Effect of antihypertensive therapy on short-term blood pressure variability. <i>Fundamental and Clinical Pharmacology</i> , 1998, 12, 64s-69s.   | 1.0 | 3         |
| 50 | Contribution of the autonomic nervous system to blood pressure and heart rate variability changes in early experimental hyperthyroidism. <i>European Journal of Pharmacology</i> , 1998, 352, 247-255.                                 | 1.7 | 20        |
| 51 | Autonomic contribution to the blood pressure and heart rate variability changes in early experimental hyperthyroidism. <i>Journal of Hypertension</i> , 1998, 16, 1989-1992.   | 0.3 | 10        |
| 52 | Heart rate control of blood pressure variability in children: a study in subjects with fixed ventricular pacemaker rhythm. <i>Clinical Science</i> , 1998, 95, 33.   | 1.8 | 5         |
| 53 | Heart rate control of blood pressure variability in children: a study in subjects with fixed ventricular pacemaker rhythm. <i>Clinical Science</i> , 1998, 95, 33-42.  | 1.8 | 14        |
| 54 | Effect of Autonomic Blockade on Heart Rate and Blood Pressure in Sleep Apnea Syndrome. <i>Blood Pressure</i> , 1995, 4, 226-231.   | 0.7 | 8         |

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|----|---|-----|-----------|
| 55 | Spectral Analysis of Systolic Blood Pressure and Heart Rate after Heart Transplantation in Children. <i>Clinical Science</i> , 1995, 88, 95-102.  | 1.8 | 28        |
| 56 | SPECTRAL ANALYSIS OF SYSTOLIC BLOOD PRESSURE AND HEART RATE OSCILLATIONS RELATED TO RESPIRATION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, 352-357.                                    | 0.9 | 45        |
| 57 | EFFECT OF BREATHING PATTERN ON BLOOD PRESSURE AND HEART RATE OSCILLATIONS IN HUMANS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1993, 20, 619-626.  | 0.9 | 61        |
| 58 | Effects of the cold pressor test on short-term fluctuations of finger arterial blood pressure and heart rate in normal subjects. <i>Clinical Autonomic Research</i> , 1993, 3, 303-310.                               | 1.4 | 57        |
| 59 | Are 5-HT <sub>1A</sub> Autoreceptors Involved in the Inhibitory Effect of Ipsapirone on Cold-Elicited Thyrotropin Secretion?. <i>Neuroendocrinology</i> , 1993, 57, 640-647.  | 1.2 | 5         |
| 60 | Influence of the novel antidepressant tianeptine on neurochemical, neuroendocrinological, and behavioral effects of stress in rats. <i>Biological Psychiatry</i> , 1992, 31, 391-400.                                 | 0.7 | 30        |
| 61 | Cardiovascular and adrenaline-releasing effects of the 5-HT <sub>1A</sub> receptor agonist 8-hydroxy-2-(DI-N-propylamino) tetralin in streptozotocin diabetic rats. <i>Life Sciences</i> , 1991, 48, 2543-2552.       | 2.0 | 2         |
| 62 | Clonidine Reduces Blood Pressure and Heart Rate Oscillations in Hypertensive Patients. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 17, 935-940.   | 0.8 | 58        |
| 63 | EFFECTS OF RESPIRATION ON BLOOD PRESSURE AND HEART RATE VARIABILITY IN HUMANS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1991, 18, 735-742.  | 0.9 | 68        |
| 64 | Effects of the 5-HT <sub>1</sub> receptor agonists DP-5-CT, CGS 12066B, and RU 24969 on plasma adrenaline and glucose levels in the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1990, 342, 378-81.   | 1.4 | 14        |
| 65 | Evidence that 5-HT <sub>1A</sub> receptors are involved in the adrenaline-releasing effects of 8-OH-DPAT in the conscious rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1990, 341, 381-4.              | 1.4 | 38        |
| 66 | Spectral analysis of blood pressure and heart rate in conscious rats: effects of autonomic blockers. <i>Journal of the Autonomic Nervous System</i> , 1990, 30, 91-100.   | 1.9 | 341       |
| 67 | Ganglionic transmission is a prerequisite for the adrenaline-releasing and hyperglycemic effects of 8-OH-DPAT. <i>European Journal of Pharmacology</i> , 1990, 185, 11-18.  | 1.7 | 47        |
| 68 | Effects of the 5-HT <sub>1C</sub> /5-HT <sub>2</sub> receptor agonists DOI and $\pm$ -methyl-5-HT on plasma glucose and insulin levels in the rat. <i>European Journal of Pharmacology</i> , 1990, 187, 435-443.      | 1.7 | 62        |
| 69 | Evidence that the 5-HT <sub>1A</sub> receptor agonists buspirone and ipsapirone activate adrenaline release in the conscious rat. <i>European Journal of Pharmacology</i> , 1990, 177, 107-110.                       | 1.7 | 40        |
| 70 | Pentobarbital anaesthesia prevents the adrenaline-releasing effect of the 5-HT <sub>1A</sub> receptor agonist, 8-hydroxy-2-(di-n-propylamino) tetralin. <i>European Journal of Pharmacology</i> , 1990, 180, 175-178. | 1.7 | 13        |
| 71 | In vivo evidence that insulin does not inhibit hepatic tryptophan pyrrolase activity in rats. <i>Biochemical Pharmacology</i> , 1990, 40, 759-763.  | 2.0 | 3         |
| 72 | Duration of Streptozotocin Diabetes Influences the Response of Hypothalamic Serotonin Metabolism to Immobilization Stress. <i>Neuroendocrinology</i> , 1989, 50, 344-350.   | 1.2 | 17        |

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|----|---|-----|-----------|
| 73 | Plasma 5-hydroxyindoleacetic acid as an endogenous index of renal plasma flow. <i>Kidney International</i> , 1989, 35, 95-98.   | 2.6 | 14        |
| 74 | COMPARATIVE PHARMACOKINETICS OF D- AND L-ALPHAMETHYLDOPA IN PLASMA, AQUEOUS HUMOR, AND CEREBROSPINAL FLUID IN RABBITS. <i>Fundamental and Clinical Pharmacology</i> , 1988, 2, 283-293.   | 1.0 | 5         |
| 75 | Feeding responses to a high dose of 8-OH-DPAT in young and adult rats: influence of food texture. <i>European Journal of Pharmacology</i> , 1988, 151, 267-273.   | 1.7 | 18        |
| 76 | Noradrenaline Content and Adrenergic Receptors in Kidney and Heart of the Prehypertensive and Hypertensive Lyon Rat Strain. <i>American Journal of Hypertension</i> , 1988, 1, 140-145.   | 1.0 | 9         |
| 77 | Amphetamine and $\pm$ -methyl-p-tyrosine affect the exercise-induced imbalance between the availability of tryptophan and synthesis of serotonin in the brain of the rat. <i>Neuropharmacology</i> , 1987, 26, 1099-1106.                           | 2.0 | 79        |
| 78 | Urinary 5-HIAA in Migraine: Evidence of Lowered Excretion in Young Adult Females. <i>Cephalalgia</i> , 1986, 6, 205-209.  | 1.8 | 19        |
| 79 | Motor Activity Increases Tryptophan, 5-Hydroxyindoleacetic Acid, and Homovanillic Acid in Ventricular Cerebrospinal Fluid of the Conscious Rat. <i>Journal of Neurochemistry</i> , 1986, 46, 1313-1316.   | 2.1 | 88        |
| 80 | Changes in central $\alpha$ -adrenoceptors and noradrenaline content after high sodium intake in sabra salt-sensitive and salt-resistant rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1986, 333, 117-123.                          | 1.4 | 2         |
| 81 | Peripheral and central short-term effects of fusaric acid, a DBH inhibitor, on tryptophan and serotonin metabolism in the rat. <i>Journal of Neural Transmission</i> , 1986, 65, 219-232.   | 1.4 | 16        |
| 82 | Study of Dopamine Turnover by Monitoring the Decline of Dopamine Metabolites in Rat CSF After $\alpha$ -Methyl-p-Tyrosine. <i>Journal of Neurochemistry</i> , 1985, 45, 1527-1533.  | 2.1 | 24        |
| 83 | Measurement of 5-HIAA levels in ventricular CSF (by LCEC) and in striatum (by in vivo voltammetry) during pharmacological modifications of serotonin metabolism in the rat. <i>Journal of Neural Transmission</i> , 1985, 62, 117-124.              | 1.4 | 21        |
| 84 | Effects of conditioned running on plasma, liver and brain tryptophan and on brain 5-hydroxytryptamine metabolism of the rat. <i>British Journal of Pharmacology</i> , 1985, 86, 33-41.  | 2.7 | 143       |
| 85 | Effects of saltwater adaptation on serotonin metabolite concentrations in the cerebrospinal fluid of rainbow trout ( <i>Salmo gairdneri</i> ). <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1985, 82, 109-113. | 0.2 | 4         |
| 86 | Tryptophan and serotonin turnover rate in the brain of genetically hyperammonemic mice. <i>Neurochemistry International</i> , 1985, 7, 143-153.   | 1.9 | 26        |
| 87 | Fusaric acid-induced elevation of homovanillic acid in the CSF as an index of brain noradrenaline synthesis. <i>European Journal of Pharmacology</i> , 1985, 117, 363-367.  | 1.7 | 3         |
| 88 | Kinetics of Drug-Induced Changes in Dopamine and Serotonin Metabolite Concentrations in the CSF of the Rat. <i>Journal of Neurochemistry</i> , 1984, 42, 819-825.   | 2.1 | 28        |
| 89 | Pizotifen increases 5-HIAA urinary excretion in male healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 1984, 27, 191-196.  | 0.8 | 4         |
| 90 | Increased dopamine and serotonin metabolites in CSF during severe insulin-induced hypoglycemia in freely moving rats. <i>Neurochemistry International</i> , 1984, 6, 71-75.   | 1.9 | 23        |

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|----|--|-----|-----------|
| 91 | Central administration of yohimbine increases free 3-methoxy-4-hydroxyphenylglycol in the cerebrospinal fluid of the rat. <i>European Journal of Pharmacology</i> , 1982, 83, 135-138. | 1.7 | 18        |