

# Alexandre VallÃ©e

## List of Publications by Year in descending order

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96  
papers

3,309  
citations

172457

29  
h-index

175258

52  
g-index

99  
all docs

99  
docs citations

99  
times ranked

4156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blended Learning Compared to Traditional Learning in Medical Education: Systematic Review and Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e16504.	4.3	239
2	Crosstalk Between Peroxisome Proliferator-Activated Receptor Gamma and the Canonical WNT/ $\beta$ -Catenin Pathway in Chronic Inflammation and Oxidative Stress During Carcinogenesis. <i>Frontiers in Immunology</i> , 2018, 9, 745.	4.8	225
3	Effects of cannabidiol interactions with Wnt/ $\beta$ -catenin pathway and PPAR $\gamma$ ; on oxidative stress and neuroinflammation in Alzheimer's disease. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 853-866.	2.0	155
4	Interactions between TGF- $\beta$ 1, canonical WNT/ $\beta$ -catenin pathway and PPAR $\beta$ in radiation-induced fibrosis. <i>Oncotarget</i> , 2017, 8, 90579-90604.	1.8	146
5	Multiple Targets of the Canonical WNT/ $\beta$ -Catenin Signaling in Cancers. <i>Frontiers in Oncology</i> , 2019, 9, 1248.	2.8	135
6	Clinical characterization of dysautonomia in long COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 14042.	3.3	127
7	Alzheimer Disease: Crosstalk between the Canonical Wnt/Beta-Catenin Pathway and PPARs Alpha and Gamma. <i>Frontiers in Neuroscience</i> , 2016, 10, 459.	2.8	110
8	Vasculogenesis and angiogenesis initiation under normoxic conditions through Wnt/ $\beta$ -catenin pathway in gliomas. <i>Reviews in the Neurosciences</i> , 2017, 29, 71-91.	2.9	102
9	TGF- $\beta$ 2 in fibrosis by acting as a conductor for contractile properties of myofibroblasts. <i>Cell and Bioscience</i> , 2019, 9, 98.	4.8	96
10	Warburg effect hypothesis in autism Spectrum disorders. <i>Molecular Brain</i> , 2018, 11, 1.	2.6	85
11	COVID-19 Vaccine Hesitancy among French People Living with HIV. <i>Vaccines</i> , 2021, 9, 302.	4.4	76
12	Targeting the Canonical WNT/ $\beta$ -Catenin Pathway in Cancer Treatment Using Non-Steroidal Anti-Inflammatory Drugs. <i>Cells</i> , 2019, 8, 726.	4.1	72
13	Interactions between PPAR Gamma and the Canonical Wnt/Beta-Catenin Pathway in Type 2 Diabetes and Colon Cancer. <i>PPAR Research</i> , 2017, 2017, 1-9.	2.4	66
14	Thermodynamics in cancers: opposing interactions between PPAR gamma and the canonical WNT/ $\beta$ -catenin pathway. <i>Clinical and Translational Medicine</i> , 2017, 6, 14.	4.0	62
15	Curcumin: a therapeutic strategy in cancers by inhibiting the canonical WNT/ $\beta$ -catenin pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 323.	8.6	62
16	Interactions Between the Canonical WNT/Beta-Catenin Pathway and PPAR Gamma on Neuroinflammation, Demyelination, and Remyelination in Multiple Sclerosis. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 783-795.	3.3	59
17	Curcumin and Endometriosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2440.	4.1	59
18	Aerobic Glycolysis Hypothesis Through WNT/Beta-Catenin Pathway in Exudative Age-Related Macular Degeneration. <i>Journal of Molecular Neuroscience</i> , 2017, 62, 368-379.	2.3	54

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19	Thermodynamics in Gliomas: Interactions between the Canonical WNT/Beta-Catenin Pathway and PPAR Gamma. <i>Frontiers in Physiology</i> , 2017, 8, 352.	2.8	54
20	Opposite Interplay between PPAR Gamma and Canonical Wnt/Beta-Catenin Pathway in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2016, 7, 100.	2.4	50
21	Opposite Interplay Between the Canonical WNT/ $\beta$ -Catenin Pathway and PPAR Gamma: A Potential Therapeutic Target in Gliomas. <i>Neuroscience Bulletin</i> , 2018, 34, 573-588.	2.9	49
22	Thermodynamic Aspects and Reprogramming Cellular Energy Metabolism during the Fibrosis Process. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2537.	4.1	44
23	Patterns of hypertension management in France in 2015: The ESTEBAN survey. <i>Journal of Clinical Hypertension</i> , 2020, 22, 663-672.	2.0	43
24	Tocilizumab for Severe Worsening COVID-19 Pneumonia: a Propensity Score Analysis. <i>Journal of Clinical Immunology</i> , 2021, 41, 303-314.	3.8	41
25	Neuroinflammation in Schizophrenia: The Key Role of the WNT/ $\beta$ -Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2810.	4.1	40
26	Thermodynamics in Neurodegenerative Diseases: Interplay Between Canonical WNT/Beta-Catenin Pathway and PPAR Gamma, Energy Metabolism and Circadian Rhythms. <i>NeuroMolecular Medicine</i> , 2018, 20, 174-204.	3.4	39
27	Demyelination in Multiple Sclerosis: Reprogramming Energy Metabolism and Potential PPAR $\beta$ Agonist Treatment Approaches. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1212.	4.1	39
28	Parkinson's Disease: Potential Actions of Lithium by Targeting the WNT/ $\beta$ -Catenin Pathway, Oxidative Stress, Inflammation and Glutamatergic Pathway. <i>Cells</i> , 2021, 10, 230.	4.1	37
29	The Key Role of the WNT/ $\beta$ -Catenin Pathway in Metabolic Reprogramming in Cancers under Normoxic Conditions. <i>Cancers</i> , 2021, 13, 5557.	3.7	36
30	PPAR $\beta$ agonists: potential treatment for autism spectrum disorder by inhibiting the canonical WNT/ $\beta$ -catenin pathway. <i>Molecular Psychiatry</i> , 2019, 24, 643-652.	7.9	35
31	Aerobic glycolysis in amyotrophic lateral sclerosis and Huntington's disease. <i>Reviews in the Neurosciences</i> , 2018, 29, 547-555.	2.9	34
32	Safety Evaluation of $\alpha$ -Lipoic Acid Supplementation: A Systematic Review and Meta-Analysis of Randomized Placebo-Controlled Clinical Studies. <i>Antioxidants</i> , 2020, 9, 1011.	5.1	33
33	Associations between urinary cadmium levels, blood pressure, and hypertension: the ESTEBAN survey. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10748-10756.	5.3	33
34	Interplay of Opposing Effects of the WNT/ $\beta$ -Catenin Pathway and PPAR $\beta$ and Implications for SARS-CoV2 Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 666693.	4.8	33
35	Bronchopulmonary Dysplasia: Crosstalk Between PPAR $\beta$ , WNT/ $\beta$ -Catenin and TGF- $\beta$ Pathways; The Potential Therapeutic Role of PPAR $\beta$ Agonists. <i>Frontiers in Pediatrics</i> , 2019, 7, 176.	1.9	29
36	Metabolic reprogramming in atherosclerosis: Opposed interplay between the canonical WNT/ $\beta$ -catenin pathway and PPAR $\beta$ . <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 36-46.	1.9	29

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37	Riluzole: a therapeutic strategy in Alzheimer's disease by targeting the WNT/ $\beta$ -catenin pathway. <i>Aging</i> , 2020, 12, 3095-3113.	3.1	29
38	Circadian rhythms, Neuroinflammation and Oxidative Stress in the Story of Parkinson's Disease. <i>Cells</i> , 2020, 9, 314.	4.1	29
39	Reprogramming energetic metabolism in Alzheimer's disease. <i>Life Sciences</i> , 2018, 193, 141-152.	4.3	28
40	Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms. <i>Current Hypertension Reports</i> , 2020, 22, 5.	3.5	24
41	Determinants of the aortic pulse wave velocity index in hypertensive and diabetic patients. <i>Journal of Hypertension</i> , 2018, 36, 2324-2332.	0.5	22
42	Interplay between the renin-angiotensin system, the canonical WNT/ $\beta$ -catenin pathway and PPAR $\gamma$ in hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 62.	3.5	22
43	Coronary heart disease diagnosis by artificial neural networks including aortic pulse wave velocity index and clinical parameters. <i>Journal of Hypertension</i> , 2019, 37, 1682-1688.	0.5	22
44	Added Value of Aortic Pulse Wave Velocity Index in a Predictive Diagnosis Decision Tree of Coronary Heart Disease. <i>American Journal of Hypertension</i> , 2019, 32, 375-383.	2.0	21
45	Relationship between Nutrition and Alcohol Consumption with Blood Pressure: The ESTEBAN Survey. <i>Nutrients</i> , 2019, 11, 1433.	4.1	20
46	Potential role of cannabidiol in Parkinson's disease by targeting the WNT/ $\beta$ -catenin pathway, oxidative stress and inflammation. <i>Aging</i> , 2021, 13, 10796-10813.	3.1	20
47	Hypothesis of Opposite Interplay Between the Canonical WNT/ $\beta$ -catenin Pathway and PPAR Gamma in Primary Central Nervous System Lymphomas. <i>Current Issues in Molecular Biology</i> , 2019, 31, 1-20.	2.4	20
48	Molecular Mechanisms Underlying the Circadian Rhythm of Blood Pressure in Normotensive Subjects. <i>Current Hypertension Reports</i> , 2020, 22, 50.	3.5	19
49	PPAR $\gamma$ agonists: Potential treatments for exudative age-related macular degeneration. <i>Life Sciences</i> , 2017, 188, 123-130.	4.3	18
50	Cannabidiol and the Canonical WNT/ $\beta$ -Catenin Pathway in Glaucoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3798.	4.1	17
51	Association between different lipid parameters and aortic stiffness. <i>Journal of Hypertension</i> , 2019, 37, 2240-2246.	0.5	16
52	An Immunogenicity Report for the Comparison between Heterologous and Homologous Prime-Boost Schedules with ChAdOx1-S and BNT162b2 Vaccines. <i>Journal of Clinical Medicine</i> , 2021, 10, 3817.	2.4	16
53	Application of a decision tree to establish factors associated with a nomogram of aortic stiffness. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1484-1492.	2.0	15
54	Circadian Rhythms in Exudative Age-Related Macular Degeneration: The Key Role of the Canonical WNT/ $\beta$ -Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 820.	4.1	15

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55	The Myofibroblast: TGF $\beta$ -1, A Conductor which Plays a Key Role in Fibrosis by Regulating the Balance between PPAR $\beta$ and the Canonical WNT Pathway. Nuclear Receptor Research, 2017, 4, .	2.5	15
56	The influence of circadian rhythms and aerobic glycolysis in autism spectrum disorder. Translational Psychiatry, 2020, 10, 400.	4.8	14
57	A virtual crossmatch-based strategy for perioperative desensitisation in lung transplant recipients with pre-formed donor-specific antibodies: 3-year outcome. European Respiratory Journal, 2021, 58, 2004090.	6.7	14
58	Prevalence and management of hypercholesterolemia in France, the Esteban observational study. Medicine (United States), 2020, 99, e23445.	1.0	13
59	Necrotizing Enterocolitis: LPS/TLR4-Induced Crosstalk Between Canonical TGF $\beta$ /Wnt/ $\beta$ -Catenin Pathways and PPAR $\beta$ . Frontiers in Pediatrics, 2021, 9, 713344.	1.9	13
60	Added Value of Spectroscopy to Perfusion MRI in the Differential Diagnostic Performance of Common Malignant Brain Tumors. American Journal of Neuroradiology, 2018, 39, 1423-1431.	2.4	12
61	Possible actions of cannabidiol in obsessive-compulsive disorder by targeting the WNT/ $\beta$ -catenin pathway. Molecular Psychiatry, 2022, 27, 230-248.	7.9	12
62	Circadian Rhythms and Energy Metabolism Reprogramming in Parkinson's Disease. Current Issues in Molecular Biology, 2019, 31, 21-44.	2.4	12
63	Arterial Stiffness Determinants for Primary Cardiovascular Prevention among Healthy Participants. Journal of Clinical Medicine, 2022, 11, 2512.	2.4	12
64	Association between serum uric acid and arterial stiffness in a large aged 40-70 years old population. Journal of Clinical Hypertension, 2022, 24, 885-897.	2.0	12
65	Dysautonomia and Implications for Anosmia in Long COVID-19 Disease. Journal of Clinical Medicine, 2021, 10, 5514.	2.4	11
66	Heterogeneity of the COVID-19 Pandemic in the United States of America: A Geo-Epidemiological Perspective. Frontiers in Public Health, 2022, 10, 818989.	2.7	11
67	Association Between Lipids and Arterial Stiffness for Primary Cardiovascular Prevention in a General Middle-Aged European Population. Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	11
68	Relationship between BMI and aortic stiffness: influence of anthropometric indices in hypertensive men and women. Journal of Hypertension, 2020, 38, 249-256.	0.5	10
69	The key role of the level of ACE2 gene expression in SARS-CoV-2 infection. Aging, 2021, 13, 14552-14556.	3.1	10
70	Comparative Statistical Mechanics of Muscle and Non-Muscle Contractile Systems: Stationary States of Near-Equilibrium Systems in A Linear Regime. Entropy, 2017, 19, 558.	2.2	8
71	Tripeptide Arg-Gly-Asp (RGD) modifies the molecular mechanical properties of the non-muscle myosin IIA in human bone marrow-derived myofibroblasts seeded in a collagen scaffold. PLoS ONE, 2019, 14, e0222683.	2.5	8
72	Relationship Between Dynamic Changes in Body Weight and Blood Pressure: The ESTEBAN Survey. American Journal of Hypertension, 2019, 32, 1003-1012.	2.0	7

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73	PPAR $\beta$ Agonists: Emergent Therapy in Endometriosis. <i>Pharmaceuticals</i> , 2021, 14, 543.	3.8	7
74	Delayed epidemic peak caused by infection and recovery rate fluctuations. <i>Chaos</i> , 2021, 31, 101107.	2.5	7
75	Statistical Mechanics of Non-Muscle Myosin IIA in Human Bone Marrow-Derived Mesenchymal Stromal Cells Seeded in a Collagen Scaffold: A Thermodynamic Near-Equilibrium Linear System Modified by the Tripeptide Arg-Cly-Asp (RGD). <i>Cells</i> , 2020, 9, 1510.	4.1	6
76	Clinical Benefit of Pembrolizumab in Advanced Urothelial Cancer Patients in Real-Life Setting: An Efficacy and Safety Monocentric Study. <i>Current Oncology</i> , 2022, 29, 945-955.	2.2	6
77	Cannabidiol and SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2022, 13, 870787.	4.8	6
78	Curcumin and Wnt/ $\beta$ -catenin signaling in exudative age-related macular degeneration (Review). <i>International Journal of Molecular Medicine</i> , 2022, 49, .	4.0	6
79	Determinants of pulse pressure amplification in hypertensive and diabetic patients. <i>Hypertension Research</i> , 2019, 42, 374-384.	2.7	5
80	Association of depressive symptoms and socioeconomic status in determination of blood pressure levels and hypertension: The CONSTANCES population based study. <i>Journal of Affective Disorders</i> , 2021, 279, 282-291.	4.1	5
81	Lithium and Atypical Antipsychotics: The Possible WNT/ $\beta$ Pathway Target in Glaucoma. <i>Biomedicines</i> , 2021, 9, 473.	3.2	5
82	Lithium: a potential therapeutic strategy in obsessive-compulsive disorder by targeting the canonical WNT/ $\beta$ pathway. <i>Translational Psychiatry</i> , 2021, 11, 204.	4.8	5
83	Opposed Interplay between IDH1 Mutations and the WNT/ $\beta$ -Catenin Pathway: Added Information for Glioma Classification. <i>Biomedicines</i> , 2021, 9, 619.	3.2	5
84	Treatment and adherence to antihypertensive therapy in France: the roles of socioeconomic factors and primary care medicine in the ESTEBAN survey. <i>Hypertension Research</i> , 2021, 44, 550-560.	2.7	5
85	Étude descriptive et analytique de l'offre des programmes d'éducation thérapeutique du patient de la région Picardie. <i>Education Therapeutique Du Patient</i> , 2016, 8, 10104.	1.0	5
86	WNT/ $\beta$ -catenin pathway and circadian rhythms in obsessive-compulsive disorder. <i>Neural Regeneration Research</i> , 2022, 17, 2126.	3.0	5
87	Arterial Stiffness and the Canonical WNT/ $\beta$ -catenin Pathway. <i>Current Hypertension Reports</i> , 2022, 24, 499-507.	3.5	5
88	WNT/ $\beta$ -catenin Pathway: a Possible Link Between Hypertension and Alzheimer's Disease. <i>Current Hypertension Reports</i> , 2022, 24, 465-475.	3.5	5
89	Added value of aortic pulse wave velocity index for the detection of coronary heart disease by elective coronary angiography. <i>Blood Pressure</i> , 2019, 28, 375-384.	1.5	4
90	Home blood pressure monitoring in France: Device possession rate and associated determinants, the Esteban study. <i>Journal of Clinical Hypertension</i> , 2020, 22, 2204-2213.	2.0	4

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91	The COVID-19 vaccine health pass fraud in France. <i>Clinical Microbiology and Infection</i> , 2022, , .	6.0	2
92	Mechanical and Thermodynamic Properties of Non-Muscle Contractile Tissues: The Myofibroblast and the Molecular Motor Non-Muscle Myosin Type IIA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7738.	4.1	1
93	Friction in Myocardial Anoxia Leads to Negative Excess Entropy Production, Self-Organization, and Dissipative Structures. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6967.	4.1	1
94	Reply. <i>Journal of Hypertension</i> , 2019, 37, 2499-2500.	0.5	0
95	Quantifying the evil for a more effective fight against tobacco. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e5-e6.	1.8	0
96	Theoretical discrimination index of postural instability in amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2022, 12, 2430.	3.3	0