

Katell Peoc'h

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6320936/publications.pdf>

Version: 2024-02-01

110
papers

3,562
citations

159585

30
h-index

161849

54
g-index

124
all docs

124
docs citations

124
times ranked

4604
citing authors

#	ARTICLE	IF	CITATIONS
1	Function of the serotonin 5-hydroxytryptamine 2B receptor in pulmonary hypertension. <i>Nature Medicine</i> , 2002, 8, 1129-1135.	30.7	382
2	Ferroptosis in Liver Diseases: An Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4908.	4.1	187
3	Alpha- and beta- cleavages of the amino-terminus of the cellular prion protein. <i>Biology of the Cell</i> , 2004, 96, 125-132.	2.0	150
4	Cerebrospinal fluid biomarker supported diagnosis of Creutzfeldtâ€“Jakob disease and rapid dementias: a longitudinal multicentre study over 10 years. <i>Brain</i> , 2012, 135, 3051-3061.	7.6	135
5	Smoking Induces Long-Lasting Effects through a Monoamine-Oxidase Epigenetic Regulation. <i>PLoS ONE</i> , 2009, 4, e7959.	2.5	115
6	Cerebrospinal fluid amyloid- β 42/40 ratio in clinical setting of memory centers: a multicentric study. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 30.	6.2	101
7	Recurrent attacks of acute hepatic porphyria: major role of the chronic inflammatory response in the liver. <i>Journal of Internal Medicine</i> , 2018, 284, 78-91.	6.0	88
8	Identification of three novel mutations (E196K, V203I, E211Q) in the prion protein gene (PRNP) in inherited prion diseases with Creutzfeldt-Jakob disease phenotype. <i>Human Mutation</i> , 2000, 15, 482-482.	2.5	87
9	Prominent psychiatric features and early onset in an inherited prion disease with a new insertional mutation in the prion protein gene. <i>Brain</i> , 1999, 122, 2375-2386.	7.6	83
10	The Human â€œPrion-likeâ€•Protein Doppel Is Expressed in Both Sertoli Cells and Spermatozoa. <i>Journal of Biological Chemistry</i> , 2002, 277, 43071-43078.	3.4	75
11	20 ans aprÃˆs: a second mutation in MAOA identified by targeted high-throughput sequencing in a family with altered behavior and cognition. <i>European Journal of Human Genetics</i> , 2014, 22, 776-783.	2.8	75
12	First report of polymorphisms in the prion-like protein gene (PRND): implications for human prion diseases. <i>Neuroscience Letters</i> , 2000, 286, 144-148.	2.1	73
13	From a dominant to an oligogenic model of inheritance with environmental modifiers in acute intermittent porphyria. <i>Human Molecular Genetics</i> , 2018, 27, 1164-1173.	2.9	73
14	Fecal calprotectin in inflammatory bowel diseases: update and perspectives. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 474-483.	2.3	70
15	Intersite variability of CSF Alzheimer's disease biomarkers in clinical setting. <i>Alzheimer's and Dementia</i> , 2013, 9, 406-413.	0.8	63
16	Evidence for a Control of Plasma Serotonin Levels by 5-Hydroxytryptamine2B Receptors in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 724-731.	2.5	58
17	Impact of harmonization of collection tubes on Alzheimer's disease diagnosis. , 2014, 10, S390-S394.e2.		58
18	Methadone dose in heroinâ€“dependent patients: role of clinical factors, comedications, genetic polymorphisms and enzyme activity. <i>British Journal of Clinical Pharmacology</i> , 2015, 79, 967-977.	2.4	57

#	ARTICLE	IF	CITATIONS
19	Lipoprotein concentrations over time in the intensive care unit COVID-19 patients: Results from the ApoCOVID study. PLoS ONE, 2020, 15, e0239573.	2.5	57
20	Impact of the 2008â€“2012 French Alzheimer Plan on the Use of Cerebrospinal Fluid Biomarkers in Research Memory Center: The PLM Study. Journal of Alzheimer's Disease, 2013, 34, 297-305.	2.6	51
21	Diagnosis biomarkers in acute intestinal ischemic injury: so close, yet so far. Clinical Chemistry and Laboratory Medicine, 2018, 56, 373-385.	2.3	48
22	Sensory Impairment in Obese Patients? Sensitivity and Pain Detection Thresholds for Electrical Stimulation After Surgery-induced Weight Loss, and Comparison With a Nonobese Population. Clinical Journal of Pain, 2013, 29, 43-49.	1.9	46
23	Cerebrospinal Fluid PKR Level Predicts Cognitive Decline in Alzheimerâ€™s Disease. PLoS ONE, 2013, 8, e53587.	2.5	46
24	A diagnostic scale for Alzheimerâ€™s disease based on cerebrospinal fluid biomarker profiles. Alzheimer's Research and Therapy, 2014, 6, 38.	6.2	44
25	V180I mutation of the prion protein gene associated with atypical PrPSc glycosylation. Neuroscience Letters, 2006, 408, 165-169.	2.1	43
26	Immunohistochemical Expression of Prion Protein (PrPC) in the Human Forebrain During Development. Journal of Neuro pathology and Experimental Neurology, 2006, 65, 698-706.	1.7	40
27	Pharmacogenetics of opiates in clinical practice: the visible tip of the iceberg. Pharmacogenomics, 2013, 14, 575-585.	1.3	37
28	14-3-3 Protein cerebrospinal fluid detection in human growth hormone-treated Creutzfeldt-Jakob disease patients. Annals of Neurology, 2001, 49, 257-260.	5.3	34
29	In Vivo Detection of Thalamic Gliosis. Archives of Neurology, 2008, 65, 545.	4.5	34
30	Antisense Oligonucleotide-Based Therapy in Human Erythropoietic Protoporphyrin. American Journal of Human Genetics, 2014, 94, 611-617.	6.2	34
31	Smoking Related Diseases: The Central Role of Monoamine Oxidase. International Journal of Environmental Research and Public Health, 2011, 8, 136-147.	2.6	33
32	Hepatocellular carcinoma in acute hepatic porphyrias: A Damocles Sword. Molecular Genetics and Metabolism, 2019, 128, 236-241.	1.1	32
33	Distribution of the M129V polymorphism of the prion protein gene in a Turkish population suggests a high risk for Creutzfeldt-Jakob disease. European Journal of Human Genetics, 2001, 9, 965-968.	2.8	31
34	Using transferrin saturation as a diagnostic criterion for iron deficiency: A systematic review. Critical Reviews in Clinical Laboratory Sciences, 2019, 56, 526-532.	6.1	30
35	Neuronal Phosphorylated RNA-Dependent Protein Kinase in Creutzfeldt-Jakob Disease. Journal of Neuro pathology and Experimental Neurology, 2009, 68, 190-198.	1.7	29
36	Substitutions at residue 211 in the prion protein drive a switch between CJD and GSS syndrome, a new mechanism governing inherited neurodegenerative disorders. Human Molecular Genetics, 2012, 21, 5417-5428.	2.9	29

#	ARTICLE	IF	CITATIONS
37	Long-standing Prion Dementia Manifesting as Posterior Cortical Atrophy. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 289-292.	1.3	29
38	Regulating Factors of PrPres Glycosylation in Creutzfeldt-Jakob Disease - Implications for the Dissemination and the Diagnosis of Human Prion Strains. <i>PLoS ONE</i> , 2008, 3, e2786.	2.5	29
39	Determination of 14-3-3 protein levels in cerebrospinal fluid from Creutzfeldt-Jakob patients by a highly sensitive capture assay. <i>Neuroscience Letters</i> , 2001, 301, 167-170.	2.1	28
40	Pilot Study Examining the Frequency of Several Gene Polymorphisms Involved in Morphine Pharmacodynamics and Pharmacokinetics in a Morbidly Obese Population. <i>Obesity Surgery</i> , 2011, 21, 1257-1264.	2.1	28
41	Study of Blood and Brain Lithium Pharmacokinetics in the Rat According to Three Different Modalities of Poisoning. <i>Toxicological Sciences</i> , 2015, 143, 185-195.	3.1	28
42	A nomogram to predict the risk of unfavourable outcome in COVID-19: a retrospective cohort of 279 hospitalized patients in Paris area. <i>Annals of Medicine</i> , 2020, 52, 367-375.	3.8	28
43	Accuracy of citrulline, I-FABP and d-lactate in the diagnosis of acute mesenteric ischemia. <i>Scientific Reports</i> , 2021, 11, 18929.	3.3	26
44	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. <i>Alzheimer's and Dementia</i> , 2022, 18, 1868-1879.	0.8	26
45	CSF Levels of the Histamine Metabolite tele-Methylhistamine are only Slightly Decreased in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 861-871.	2.6	25
46	Regulation and tissue-specific expression of δ -aminolevulinic acid synthases in non-syndromic sideroblastic anemias and porphyrias. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 190-197.	1.1	25
47	Could the inter-individual variability in cocaine-induced psychotic effects influence the development of cocaine addiction?. <i>Medical Hypotheses</i> , 2010, 75, 600-604.	1.5	24
48	CSF detection of the 14-3-3 protein in unselected patients with dementia. <i>Neurology</i> , 2002, 58, 509-510.	1.1	23
49	A cannabinoid receptor 1 polymorphism is protective against major depressive disorder in methadone-maintained outpatients. <i>American Journal on Addictions</i> , 2015, 24, 613-620.	1.4	23
50	Erythroid-Progenitor-Targeted Gene Therapy Using Bifunctional TFR1 Ligand-Peptides in Human Erythropoietic Protoporphyrin. <i>American Journal of Human Genetics</i> , 2019, 104, 341-347.	6.2	22
51	Differential Diagnosis of Dementia with High Levels of Cerebrospinal Fluid Tau Protein. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 905-913.	2.6	21
52	Familial Creutzfeldt-Jakob Disease With an R208H-129V Haplotype and Kuru Plaques. <i>Archives of Neurology</i> , 2006, 63, 449.	4.5	20
53	CSF A β 1-42 Levels and Glucose Metabolism in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 845-851.	2.6	20
54	Sample Pooling and Inflammation Linked to the False Selection of Biomarkers for Neurodegenerative Diseases in Top-Down Proteomics: A Pilot Study. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 477.	2.9	20

#	ARTICLE	IF	CITATIONS
55	Diagnostic value of CSF 14-3-3 detection in sporadic CJD diagnosis according to the age of the patient. <i>European Journal of Neurology</i> , 2006, 13, 427-428.	3.3	19
56	Wernicke encephalopathy and Creutzfeldt-Jakob disease. <i>Journal of Neurology</i> , 2009, 256, 904-909.	3.6	19
57	Prion-like protein Doppel expression is not modified in scrapie-infected cells and in the brains of patients with Creutzfeldt-Jakob disease. <i>FEBS Letters</i> , 2003, 536, 61-65.	2.8	18
58	KCNH2 polymorphism and methadone dosage interact to enhance QT duration. <i>Drug and Alcohol Dependence</i> , 2014, 141, 34-38.	3.2	18
59	Striking PrPsc heterogeneity in inherited prion diseases with the D178N mutation. <i>Annals of Neurology</i> , 2004, 56, 910-911.	5.3	17
60	Spatio-Developmental Distribution of the Prion-Like Protein Doppel in Mammalian Testis: A Comparative Analysis Focusing on Its Presence in the Acrosome of Spermatids. <i>Biology of Reproduction</i> , 2006, 74, 816-823.	2.7	17
61	Givosiran in acute intermittent porphyria: A personalized medicine approach. <i>Molecular Genetics and Metabolism</i> , 2022, 135, 206-214.	1.1	17
62	Iron deficiency screening is a key issue in chronic inflammatory diseases: A call to action. <i>Journal of Internal Medicine</i> , 2022, 292, 542-556.	6.0	17
63	Multi-site performance evaluation and Sigma metrics of 20 assays on the Atellica chemistry and immunoassay analyzers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 58, 59-68.	2.3	16
64	Patients with COVID-19 present with low plasma citrulline concentrations that associate with systemic inflammation and gastrointestinal symptoms. <i>Digestive and Liver Disease</i> , 2020, 52, 1104-1105.	0.9	16
65	Differential expression of the prion-like protein doppel gene (PRND) in astrocytomas: a new molecular marker potentially involved in tumor progression. <i>Anticancer Research</i> , 2004, 24, 1507-17.	1.1	15
66	Exacerbated CSF abnormalities in younger patients with Alzheimer's disease. <i>Neurobiology of Disease</i> , 2013, 54, 486-491.	4.4	14
67	High urinary ferritin reflects myoglobin iron excretion in DMD patients. <i>Neuromuscular Disorders</i> , 2018, 28, 564-571.	0.6	13
68	Diagnosis associated with Tau higher than 1200 pg/mL: Insights from the clinical and laboratory practice. <i>Clinica Chimica Acta</i> , 2019, 495, 451-456.	1.1	13
69	Phlebotomy as an efficient long-term treatment of congenital erythropoietic porphyria. <i>Haematologica</i> , 2021, 106, 913-917.	3.5	13
70	Genotyping Test with Clinical Factors: Better Management of Acute Postoperative Pain?. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6298-6311.	4.1	12
71	Multicentric evaluation of eight glucose and four ketone blood meters. <i>Clinical Biochemistry</i> , 2015, 48, 1310-1316.	1.9	12
72	A new <i>VKORC1</i> mutation leading to an isolated resistance to fludione. <i>British Journal of Haematology</i> , 2009, 145, 841-843.	2.5	11

#	ARTICLE	IF	CITATIONS
73	The screening of Alzheimer's patients with CSF biomarkers, modulates the distribution of APOE genotype: impact on clinical trials. <i>Journal of Neurology</i> , 2014, 261, 1187-1195.	3.6	11
74	I-FABP is decreased in COVID-19 patients, independently of the prognosis. <i>PLoS ONE</i> , 2021, 16, e0249799.	2.5	11
75	Iron Metabolism in Normal and Pathological Pregnancies and Fetal Consequences. <i>Metabolites</i> , 2022, 12, 129.	2.9	11
76	Towards a Common Definition for the Diagnosis of Iron Deficiency in Chronic Inflammatory Diseases. <i>Nutrients</i> , 2022, 14, 1039.	4.1	11
77	Polyspecificity of antimicrosomal thyroid antibodies in hepatitis C virus-related infection. <i>American Journal of Gastroenterology</i> , 2001, 96, 2978-2983.	0.4	10
78	HLA in French patients with variant Creutzfeldt-Jakob disease. <i>Lancet, The</i> , 2003, 361, 531-532.	13.7	10
79	A mutation in the iron-responsive element of <i>ALAS2</i> is a modifier of disease severity in a patient suffering from <i>CLPX</i> ; associated erythropoietic protoporphyria. <i>Haematologica</i> , 2021, 106, 2030-2033.	3.5	10
80	Iron deficiency markers in patients undergoing iron replacement therapy: a 9-year retrospective real-world evidence study using healthcare databases. <i>Scientific Reports</i> , 2020, 10, 14983.	3.3	9
81	Variation at the <i>ADAM10</i> gene locus is not associated with Creutzfeldt-Jakob disease. <i>Neuroscience Letters</i> , 2003, 344, 132-134.	2.1	8
82	Severe and rapidly evolving peripheral neuropathy revealing sporadic Creutzfeldt-Jakob disease. <i>Journal of Neurology</i> , 2009, 256, 134-136.	3.6	8
83	New highly sensitive rodent and human tests for soluble amyloid precursor protein alpha quantification: preclinical and clinical applications in Alzheimer's disease. <i>BMC Neuroscience</i> , 2012, 13, 84.	1.9	8
84	Biological response under treatment and prognostic value of protein induced by vitamin K absence or antagonist-II in a French cohort of patients with hepatocellular carcinoma. <i>European Journal of Gastroenterology and Hepatology</i> , 2020, 32, 1364-1372.	1.6	8
85	<i>OPRM1</i> polymorphism and lifetime suicide attempts among stabilized, methadone-maintained outpatients. <i>Psychiatry Research</i> , 2014, 218, 259-260.	3.3	7
86	Amended diagnostic protocol increases the early diagnosis of sporadic Creutzfeldt-Jakob disease. <i>Neurology</i> , 2018, 91, 155-156.	1.1	7
87	Haem oxygenases play a pivotal role in placental physiology and pathology. <i>Human Reproduction Update</i> , 2020, 26, 634-649.	10.8	7
88	Case report of Lewy body disease mimicking Creutzfeldt-Jakob disease in a 44-year-old man. <i>BMC Neurology</i> , 2016, 16, 122.	1.8	6
89	Ilprost Use in Patients with Persistent Intestinal Ischemia Unsuitable for Revascularization. <i>Annals of Vascular Surgery</i> , 2017, 42, 128-135.	0.9	6
90	Pre-examination factors affecting molecular diagnostic test results and interpretation: A case-based approach. <i>Clinica Chimica Acta</i> , 2017, 467, 59-69.	1.1	5

#	ARTICLE	IF	CITATIONS
91	Relevance of Follow-Up in Patients with Core Clinical Criteria for Alzheimer Disease and Normal CSF Biomarkers. <i>Current Alzheimer Research</i> , 2018, 15, 691-700.	1.4	5
92	GNPAT polymorphism rs11558492 is not associated with increased severity in a large cohort of HFE p.Cys282Tyr homozygous patients. <i>Hepatology</i> , 2017, 65, 1069-1071.	7.3	4
93	Personalized medicine, pharmacogenomic and companion biomarker. <i>Annales De Biologie Clinique</i> , 2017, 75, 631-636.	0.1	4
94	TSPO2 translocates 5-aminolevulinic acid into human erythroleukemia cells. <i>Biology of the Cell</i> , 2020, 112, 113-126.	2.0	3
95	Early care of N-acetyl glutamate synthase (NAGS) deficiency in three infants from an inbred family. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 22, 100558.	1.1	3
96	Interest of fecal calprotectine dosage in inflammatory bowel diseases, state of the art and perspectives. <i>Annales De Biologie Clinique</i> , 2016, 74, 385-394.	0.1	2
97	A Case Report of Transient but Clinically Relevant Interaction between Methadone and Duloxetine: A Reply to McCance-Katz et al.. <i>American Journal on Addictions</i> , 2010, 19, 458-459.	1.4	1
98	Can Mu-opioid Receptor A118G Gene Polymorphism be Predictive of Acute Poisoning Severity in the Emergency Department?. <i>Journal of Medical Toxicology</i> , 2013, 9, 292-293.	1.5	1
99	Interactions, 2013, 28, 125-132.	0.3	1
100	Characterization and origin of heme precursors in amniotic fluid: lessons from normal and pathological pregnancies. <i>Pediatric Research</i> , 2018, 84, 80-84.	2.3	1
101	A new type of antithyroid antibodies in untreated patients with chronic hepatitis C infection. <i>Hepatology Research</i> , 1999, 14, 78-83.	3.4	0
102	Smoking-induced long-lasting modifications of human platelet serotonin catabolism through a MAO epigenetic regulation. <i>Nature Precedings</i> , 2008, , .	0.1	0
103	How to obtain DNA from injection drug users?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1391-1392.	2.3	0
104	La vitamine B1 : la première vitamine identifiée. <i>Revue Francophone Des Laboratoires</i> , 2019, 2019, 45-54.	0.0	0
105	617. Efficacy of Dimercaptosuccinic Acid (DMSA), a Zinc Chelator, in Combination with Imipenem Against Metallo-β-Lactamase Producing <i>Escherichia coli</i> in a Murine Peritonitis Model. <i>Open Forum Infectious Diseases</i> , 2019, 6, S287-S287.	0.9	0
106	Reform of the outside nomenclature biomedical tests in France: a two year review. <i>Annales De Biologie Clinique</i> , 2017, 75, 365-365.	0.1	0
107	Title is missing!. , 2020, 15, e0239573.		0
108	Title is missing!. , 2020, 15, e0239573.		0

#	ARTICLE	IF	CITATIONS
109	Title is missing!. , 2020, 15, e0239573.		0
110	Title is missing!. , 2020, 15, e0239573.		0