

Jean-Philippe Cartailier

List of Publications by Year in descending order

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22
papers

2,966
citations

623699

14
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677123

22
g-index

25
all docs

25
docs citations

25
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of bacteriorhodopsin at 1.55 Å... resolution. Journal of Molecular Biology, 1999, 291, 899-911.	4.2	1,435
2	Structural Changes in Bacteriorhodopsin During Ion Transport at 2 Angstrom Resolution. Science, 1999, 286, 255-260.	12.6	548
3	Coupling photoisomerization of retinal to directional transport in bacteriorhodopsin11Edited by D. C. Rees. Journal of Molecular Biology, 2000, 300, 1237-1255.	4.2	213
4	Molecular Recognition in the Assembly of Collagens: Terminal Noncollagenous Domains Are Key Recognition Modules in the Formation of Triple Helical Protomers. Journal of Biological Chemistry, 2006, 281, 38117-38121.	3.4	170
5	Crystal structure of the D85S mutant of bacteriorhodopsin: model of an O-like photocycle intermediate. Journal of Molecular Biology, 2001, 313, 615-628.	4.2	94
6	Annexins V and XII Insert into Bilayers at Mildly Acidic pH and Form Ion Channelsâ€. Biochemistry, 2000, 39, 3015-3022.	2.5	83
7	Chronic Î²-Cell Depolarization Impairs Î²-Cell Identity by Disrupting a Network of Ca2+-Regulated Genes. Diabetes, 2017, 66, 2175-2187.	0.6	61
8	X-Ray Crystallographic Analysis of Lipid-Protein Interactions in the Bacteriorhodopsin Purple Membrane. Annual Review of Biophysics and Biomolecular Structure, 2003, 32, 285-310.	18.3	59
9	Structural and Functional Characterization of Î€ Bulges and Other Short Intrahelical Deformations. Structure, 2004, 12, 133-144.	3.3	53
10	Mechanism of Chain Selection in the Assembly of Collagen IV. Journal of Biological Chemistry, 2006, 281, 6058-6069.	3.4	48
11	A Role for Collagen IV Cross-links in Conferring Immune Privilege to the Goodpasture Autoantigen. Journal of Biological Chemistry, 2008, 283, 22737-22748.	3.4	34
12	Transgene-associated human growth hormone expression in pancreatic Î²-cells impairs identification of sex-based gene expression differences. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E196-E209.	3.5	22
13	Combinatorial transcription factor profiles predict mature and functional human islet Î± and Î² cells. JCI Insight, 2021, 6, .	5.0	22
14	Distinct Patterns of Clonal Evolution Drive Myelodysplastic Syndrome Progression to Secondary Acute Myeloid Leukemia. Blood Cancer Discovery, 2022, 3, 316-329.	5.0	20
15	Global Structural Changes in Annexin 12. Journal of Biological Chemistry, 2003, 278, 30227-30234.	3.4	19
16	Excitotoxicity and Overnutrition Additively Impair Metabolic Function and Identity of Pancreatic Î²-Cells. Diabetes, 2020, 69, 1476-1491.	0.6	16
17	Human iPSC-derived cerebral organoids model features of Leigh syndrome and reveal abnormal corticogenesis. Development (Cambridge), 2022, 149, .	2.5	14
18	A developmental lineage-based gene co-expression network for mouse pancreatic Î²-cells reveals a role for <i>Zfp800</i> in pancreas development. Development (Cambridge), 2021, 148, .	2.5	12

#	ARTICLE	IF	CITATIONS
19	Pancreatlas: Applying an Adaptable Framework to Map the Human Pancreas in Health and Disease. <i>Patterns</i> , 2020, 1, 100120.	5.9	8
20	Quantitative Analysis of Adenosine-to-Inosine RNA Editing. <i>Methods in Molecular Biology</i> , 2021, 2181, 97-111.	0.9	8
21	Research Resource: dkCOIN, the National Institute of Diabetes, Digestive and Kidney Diseases (NIDDK) Consortium Interconnectivity Network: A Pilot Program to Aggregate Research Resources Generated by Multiple Research Consortia. <i>Molecular Endocrinology</i> , 2012, 26, 1675-1681.	3.7	3
22	Insm1, Neurod1, and Pax6 promote murine pancreatic endocrine cell development through overlapping yet distinct RNA transcription and splicing programs. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	2