

Jean Salamero

List of Publications by Year in descending order

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92
papers

5,424
citations

117625

34
h-index

82547

72
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98
all docs

98
docs citations

98
times ranked

9156
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV Coreceptor Downregulation as Antiviral Principle: SDF-1 α -dependent Internalization of the Chemokine Receptor CXCR4 Contributes to Inhibition of HIV Replication. <i>Journal of Experimental Medicine</i> , 1997, 186, 139-146.	8.5	557
2	Direct Pathway from Early/Recycling Endosomes to the Golgi Apparatus Revealed through the Study of Shiga Toxin B-fragment Transport. <i>Journal of Cell Biology</i> , 1998, 143, 973-990.	5.2	406
3	Rab11 Regulates the Compartmentalization of Early Endosomes Required for Efficient Transport from Early Endosomes to the Trans-Golgi Network. <i>Journal of Cell Biology</i> , 2000, 151, 1207-1220.	5.2	368
4	Microfluidic sorting and multimodal typing of cancer cells in self-assembled magnetic arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14524-14529.	7.1	296
5	Targeting of Shiga Toxin B-Subunit to Retrograde Transport Route in Association with Detergent-resistant Membranes. <i>Molecular Biology of the Cell</i> , 2001, 12, 2453-2468.	2.1	264
6	eC-CLEM: flexible multidimensional registration software for correlative microscopies. <i>Nature Methods</i> , 2017, 14, 102-103.	19.0	255
7	Patch-Based Nonlocal Functional for Denoising Fluorescence Microscopy Image Sequences. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 442-454.	8.9	239
8	Assistance of Microbial Glycolipid Antigen Processing by CD1e. <i>Science</i> , 2005, 310, 1321-1324.	12.6	229
9	Fast live simultaneous multiwavelength four-dimensional optical microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16016-16022.	7.1	176
10	Birbeck Granules Are Subdomains of Endosomal Recycling Compartment in Human Epidermal Langerhans Cells, Which Form Where Langerin Accumulates. <i>Molecular Biology of the Cell</i> , 2002, 13, 317-335.	2.1	168
11	AP-1 and KIF13A coordinate endosomal sorting and positioning during melanosome biogenesis. <i>Journal of Cell Biology</i> , 2009, 187, 247-264.	5.2	146
12	The TOMM machinery is a molecular switch in PINK1 and PARK2/PARKIN-dependent mitochondrial clearance. <i>Autophagy</i> , 2013, 9, 1801-1817.	9.1	119
13	A Conserved Coatamer-related Complex Containing Sec13 and Seh1 Dynamically Associates With the Vacuole in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.006478.	3.8	115
14	Role of B cell receptor Ig α and Ig β subunits in MHC class II-restricted antigen presentation. <i>Immunity</i> , 1995, 3, 335-347.	14.3	109
15	Visualization and quantification of vesicle trafficking on a three-dimensional cytoskeleton network in living cells. <i>Journal of Microscopy</i> , 2007, 225, 214-228.	1.8	101
16	Rab6-interacting Protein 1 Links Rab6 and Rab11 Function. <i>Traffic</i> , 2007, 8, 1385-1403.	2.7	81
17	The Structural GDP/GTP Cycle of Rab11 Reveals a Novel Interface Involved in the Dynamics of Recycling Endosomes. <i>Journal of Biological Chemistry</i> , 2004, 279, 11480-11488.	3.4	80
18	Fast high-resolution 3D total internal reflection fluorescence microscopy by incidence angle scanning and azimuthal averaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17164-17169.	7.1	79

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19	Structural compartmentalization of MHC class II signaling function. Trends in Immunology, 1993, 14, 539-546.	7.5	71
20	The Cellular Pathway of CD1e in Immature and Maturing Dendritic Cells. Traffic, 2005, 6, 286-302.	2.7	65
21	The major β -catenin/E-cadherin junctional binding site is a primary molecular mechano-transducer of differentiation in vivo. ELife, 2018, 7, .	6.0	62
22	The GTP/GDP Cycling of Rho GTPase TCL Is an Essential Regulator of the Early Endocytic Pathway. Molecular Biology of the Cell, 2003, 14, 4846-4856.	2.1	61
23	Expression of Major Histocompatibility Complex Class II Molecules in HeLa Cells Promotes the Recruitment of AP-1 Golgi-specific Assembly Proteins on Golgi Membranes. Journal of Biological Chemistry, 1996, 271, 30318-30321.	3.4	58
24	Heat shock proteins 70 and 60 share common receptors which are expressed on human monocyte-derived but not epidermal dendritic cells. European Journal of Immunology, 2002, 32, 322-332.	2.9	58
25	Decoupling of Activation and Effector Binding Underlies ARF6 Priming of Fast Endocytic Recycling. Current Biology, 2011, 21, 574-579.	3.9	55
26	Combining Spinach-tagged RNA and gene localization to image gene expression in live yeast. Nature Communications, 2015, 6, 8882.	12.8	55
27	CD1a Molecules Traffic Through the Early Recycling Endosomal Pathway in Human Langerhans Cells11Presented in part at the 6th International Workshop on Langerhans Cells, New York, NY, U.S.A., 8â€“10â€“October 1999 (J Invest Dermatol 114:228 2000).. Journal of Investigative Dermatology, 2001, 116, 401-408.	0.7	53
28	Intracellular retention of the two isoforms of the D2 dopamine receptor promotes endoplasmic reticulum disruption. Journal of Cell Science, 2001, 114, 3517-3527.	2.0	51
29	A <sc>Rab11A</sc>/<sc>Myosin Vb</sc>/<sc>Rab11â€“FIP2</sc> Complex Frames Two Late Recycling Steps of Langerin from the <sc>ERC</sc> to the Plasma Membrane. Traffic, 2012, 13, 815-833.	2.7	46
30	Cutting Edge Communication: In Vitro Generation of Dendritic Cells from Human Blood Monocytes in Experimental Conditions Compatible for In Vivo Cell Therapy. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 183-194.	1.8	44
31	Structure, biosynthesis, and transduction properties of the Human β -L Complex: similar behavior of preB and intermediate preB-B cells in transducing ability. International Immunology, 1993, 5, 467-478.	4.0	42
32	Experimental autoimmune thyroiditis induced by recombinant interferon- β . Trends in Immunology, 1987, 8, 73.	7.5	41
33	Posttranslational marks control architectural and functional plasticity of the nuclear pore complex basket. Journal of Cell Biology, 2016, 212, 167-180.	5.2	39
34	E-syt1 Re-arranges STIM1 Clusters to Stabilize Ring-shaped ER-PM Contact Sites and Accelerate Ca ²⁺ Store Replenishment. Scientific Reports, 2019, 9, 3975.	3.3	39
35	Reproduction of Langerin/CD207 Traffic and Birbeck Granule Formation in a Human Cell Line Model. Journal of Investigative Dermatology, 2004, 123, 72-77.	0.7	35
36	Rab11A Controls the Biogenesis of Birbeck Granules by Regulating Langerin Recycling and Stability. Molecular Biology of the Cell, 2007, 18, 3169-3179.	2.1	35

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37	Cutting Edge: A Naturally Occurring Mutation in CD1e Impairs Lipid Antigen Presentation. <i>Journal of Immunology</i> , 2008, 180, 3642-3646.	0.8	35
38	Simultaneous Multiharmonic Imaging of Nanoparticles in Tissues for Increased Selectivity. <i>ACS Photonics</i> , 2015, 2, 1416-1422.	6.6	34
39	Experimental autoimmune thyroiditis induced by a 5â€“10-kDa tryptic fragment from porcine thyroglobulin. <i>European Journal of Immunology</i> , 1987, 17, 843-848.	2.9	29
40	The <scp>CryoCapsule</scp>: Simplifying Correlative Light to Electron Microscopy. <i>Traffic</i> , 2014, 15, 700-716.	2.7	29
41	Major histocompatibility complex class II-restricted presentation of secreted and endoplasmic reticulum resident antigens requires the invariant chains and is sensitive to lysosomotropic agents. <i>European Journal of Immunology</i> , 1993, 23, 3167-3172.	2.9	28
42	Adaptive Spot Detection With Optimal Scale Selection in Fluorescence Microscopy Images. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 4512-4527.	9.8	28
43	Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. <i>Cellular Immunology</i> , 1985, 91, 111-118.	3.0	27
44	Diacylglycerol Guides the Hopping of Clathrin-Coated Pits along Microtubules for Exo-Endocytosis Coupling. <i>Developmental Cell</i> , 2015, 35, 120-130.	7.0	27
45	The invariant chain induces compact forms of class II molecules localized in late endosomal compartments. <i>European Journal of Immunology</i> , 1993, 23, 3158-3166.	2.9	26
46	Internalization of B cell and pre-B cell receptors is regulated by tyrosine kinase and phosphatase activities. <i>European Journal of Immunology</i> , 1995, 25, 2757-2764.	2.9	26
47	A novel model to study the dorsolateral migration of melanoblasts. <i>Mechanisms of Development</i> , 1999, 89, 3-14.	1.7	26
48	MICAL-like1 mediates epidermal growth factor receptor endocytosis. <i>Molecular Biology of the Cell</i> , 2011, 22, 3431-3441.	2.1	26
49	In Vitro Production of Dendritic Cells from Human Blood Monocytes for Therapeutic Use. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2001, 10, 553-567.	1.8	25
50	Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells V. The primary syngeneic sensitization is under I-A subregion control. <i>European Journal of Immunology</i> , 1983, 13, 948-951.	2.9	23
51	Intracellular Distribution of Human T-Cell Leukemia Virus Type 1 Gag Proteins Is Independent of Interaction with Intracellular Membranes. <i>Journal of Virology</i> , 2002, 76, 905-911.	3.4	23
52	B Cell Receptors and Complement Receptors Target the Antigen to Distinct Intracellular Compartments. <i>Journal of Immunology</i> , 2004, 172, 3564-3572.	0.8	23
53	Background Fluorescence Estimation and Vesicle Segmentation in Live Cell Imaging With Conditional Random Fields. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 667-680.	9.8	22
54	Septin6 and Septin7 GTP Binding Proteins Regulate AP-3- and ESCRT-Dependent Multivesicular Body Biogenesis. <i>PLoS ONE</i> , 2014, 9, e109372.	2.5	21

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55	Biosynthesis and intracellular post-translational processing of normal and mutant platelet glycoprotein GPIb-IX. <i>Biochemical Journal</i> , 2001, 358, 295.	3.7	16
56	A quantitative approach for analyzing the spatio-temporal distribution of 3D intracellular events in fluorescence microscopy. <i>ELife</i> , 2018, 7, .	6.0	16
57	Control of the Intracellular Pathway of CD1e. <i>Traffic</i> , 2008, 9, 431-445.	2.7	15
58	eC-CLEM. <i>Methods in Cell Biology</i> , 2017, 140, 335-352.	1.1	15
59	SUMOylation of the nuclear pore complex basket is involved in sensing cellular stresses. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	15
60	Birbeck Granule-Like ðœOrganized Smooth Endoplasmic Reticulumðœ•Resulting from the Expression of a Cytoplasmic YFP-Tagged Langerin. <i>PLoS ONE</i> , 2013, 8, e60813.	2.5	15
61	Expression of Hâ€2 antigens and thyroglobulin (Tg) on freshly dissociated and in vitro cultured monolayers of mouse thyroid epithelial cells (TEC). <i>Tissue Antigens</i> , 1983, 22, 231-238.	1.0	14
62	A Patch-Based Method for Repetitive and Transient Event Detection in Fluorescence Imaging. <i>PLoS ONE</i> , 2010, 5, e13190.	2.5	13
63	Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. <i>Cellular Immunology</i> , 1983, 78, 387-391.	3.0	12
64	Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells (TEC). VIII: ð³ interferon induced Ia antigen expression on TEC cultures. <i>Tissue Antigens</i> , 1985, 25, 266-277.	1.0	12
65	Kinetics of Plasmodium midgut invasion in Anopheles mosquitoes. <i>PLoS Pathogens</i> , 2020, 16, e1008739.	4.7	12
66	Expression of low-affinity Fc gamma receptor by a human metastatic melanoma line. <i>Immunology Letters</i> , 2000, 75, 1-8.	2.5	10
67	Primary syngeneic sensitization on monolayers of thyroid epithelial cells. <i>Clinical Immunology and Immunopathology</i> , 1987, 43, 34-47.	2.0	8
68	SLT-LoG: A vesicle segmentation method with automatic scale selection and local thresholding applied to TIRF microscopy. , 2014, , .		8
69	eC-CLEM: Flexible Multidimensional Registration Software for Correlative Microscopies with Refined Accuracy Mapping. <i>Microscopy and Microanalysis</i> , 2017, 23, 360-361.	0.4	8
70	Computational Geometry-Based Scale-Space and Modal Image Decomposition. <i>Lecture Notes in Computer Science</i> , 2009, , 770-781.	1.3	7
71	HPM live ð¼ for a full CLEM workflow. <i>Methods in Cell Biology</i> , 2021, 162, 115-149.	1.1	7
72	Possible target antigens in autoimmune endocrine disease. <i>Trends in Immunology</i> , 1984, 5, 337.	7.5	5

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73	Cored Tubules are Present in Human Epidermal Langerhans Cells. <i>Journal of Investigative Dermatology</i> , 2003, 120, 407-410.	0.7	4
74	Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. <i>Tissue Antigens</i> , 1984, 23, 72-80.	1.0	4
75	Localization and classification of membrane dynamics in TIRF microscopy image sequences. , 2014, , .		4
76	Step by Step Manipulation of the CryoCapsule with HPM High Pressure Freezers. <i>Methods in Cell Biology</i> , 2014, 124, 259-274.	1.1	4
77	Counting-Based Particle Flux Estimation for Traffic Analysis in Live Cell Imaging. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 203-216.	10.8	4
78	Patch-Based Markov Models for Event Detection in Fluorescence Bioimaging. <i>Lecture Notes in Computer Science</i> , 2008, 11, 95-103.	1.3	4
79	Anti-T11.1 and -T11.2 monoclonal antibodies play a different role in CD2-mediated signal transduction. <i>Human Immunology</i> , 1993, 38, 172-178.	2.4	3
80	Multiscale NeighborhoodWise Decision Fusion for Redundancy Detection in Image Pairs. <i>Multiscale Modeling and Simulation</i> , 2011, 9, 1829-1865.	1.6	2
81	Lysosomal-Associated Transmembrane Protein 5 (LAPTM5) Is a Molecular Partner of CD1e. <i>PLoS ONE</i> , 2012, 7, e42634.	2.5	2
82	Joint denoising-deconvolution approach for fluorescence microscopy. , 2016, , .		2
83	An extended model of vesicle fusion at the plasma membrane to estimate protein lateral diffusion from TIRF microscopy images. <i>BMC Bioinformatics</i> , 2017, 18, 352.	2.6	1
84	Induction of Ia antigens on thyroid cultures by syngeneic T lymphocytes: A model of autoimmune disease. <i>Immunology Letters</i> , 1985, 9, 285-289.	2.5	0
85	Immuno-isolation using magnetic solid supports to reconstitute vesicle transport in cell free system. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988, 330, 329-330.	0.8	0
86	The HPM Live "From Live Cell Imaging to High Pressure Freezing in Less than 2 Seconds for Correlative Microscopy Approaches. <i>Microscopy and Microanalysis</i> , 2017, 23, 1276-1277.	0.4	0
87	Automatic Registration of Correlative Microscopies with Error Assessment and Applications for the Optimization of Multimodal Acquisitions.. <i>Microscopy and Microanalysis</i> , 2019, 25, 1020-1021.	0.4	0
88	Détection de spots avec sélection d'achelle automatique et seuillage adaptatif en microscopie de fluorescence. <i>Traitement Du Signal</i> , 2015, 32, 287-310.	1.3	0
89	Kinetics of Plasmodium midgut invasion in Anopheles mosquitoes. , 2020, 16, e1008739.		0
90	Kinetics of Plasmodium midgut invasion in Anopheles mosquitoes. , 2020, 16, e1008739.		0

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91	Kinetics of Plasmodium midgut invasion in Anopheles mosquitoes. , 2020, 16, e1008739.		0
92	Kinetics of Plasmodium midgut invasion in Anopheles mosquitoes. , 2020, 16, e1008739.		0