Carlo Tacchetti

List of Publications by Year
in descending order

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114 papers	9,595 citations	44069 48 h-index	38395 95 g-index
118 all docs	118 docs citations	118 times ranked	14621 citing authors

#	Article	IF	Citations
1	Cyclosporine A Inhibits Viral Infection and Release as Well as Cytokine Production in Lung Cells by Three SARS-CoV-2 Variants. Microbiology Spectrum, 2022, 10, e0150421.	3.0	17
2	Use of an antagonist of HMGB1 in mice affected by malignant mesothelioma: a preliminary ultrasound and optical imaging study. European Radiology Experimental, 2022, 6, 7.	3.4	2
3	Radiomic and gEnomic approaches for the enhanced DIagnosis of clear cell REnal Cancer (REDIRECt): a translational pilot methodological study. Translational Andrology and Urology, 2022, 11, 149-158.	1.4	3
4	Chest CT in the emergency department for suspected COVID-19 pneumonia. Radiologia Medica, 2021, 126, 498-502.	7.7	32
5	Chest CTâ€“derived pulmonary artery enlargement at the admission predicts overall survival in COVID-19 patients: insight from 1461 consecutive patients in Italy. European Radiology, 2021, 31, 4031-4041.	4.5	43
6	Diabetes and mortality in patients with COVID-19: Are we missing the link?. , 2021, 25, 376-379.		6
7	SARS-CoV-2 Entry: At the Crossroads of CD147 and ACE2. Cells, 2021, 10, 1434.	4.1	60
8	Impact of clinical and subclinical coronary artery disease as assessed by coronary artery calcium in COVID-19. Atherosclerosis, 2021, 328, 136-143.	0.8	25
9	Coronary and total thoracic calcium scores predict mortality and provides pathophysiologic insights in COVID-19 patients. Journal of Cardiovascular Computed Tomography, 2021, 15, 421-430.	1.3	22
10	First Responders Shape a Prompt and Sharp NF-Î¹B-Mediated Transcriptional Response to TNF-Î±. IScience, 2020, 23, 101529.	4.1	11
11	Direct stimulation of ERBB2 highlights a novel cytostatic signaling pathway driven by the receptor Thr701 phosphorylation. Scientific Reports, 2020, 10, 16906.	3.3	3
12	Accumulation of long-chain fatty acids in the tumor microenvironment drives dysfunction in intrapancreatic CD8+ T cells. Journal of Experimental Medicine, 2020, 217, .	8.5	142
13	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. Cell Reports, 2019, 27, 3049-3061.e6.	6.4	58
14	Redundant and nonredundant organismal functions of EPS15 and EPS15L1. Life Science Alliance, 2019, 2, e201800273.	2.8	10
15	Pharmacological activation of autophagy favors the clearing of intracellular aggregates of misfolded prion protein peptide to prevent neuronal death. Cell Death and Disease, 2018, 9, 166.	6.3	38
16	Identification of a membrane-less compartment regulating invadosome function and motility. Scientific Reports, 2018, 8, 1164.	3.3	18
17	Contrast-enhanced ultrasound for ovary assessment in a murine model: preliminary findings on the protective role of a gonadotropin-releasing hormone analogue from chemotherapy-induced ovarian damage. European Radiology Experimental, 2018, 2, 44.	3.4	5
18	Homocysteine and A2A-D2 Receptor-Receptor Interaction at Striatal Astrocyte Processes. Journal of Molecular Neuroscience, 2018, 65, 456-466.	2.3	27

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19	Extracellular MicroRNA Signature of Human Helper T Cell Subsets in Health and Autoimmunity. Journal of Biological Chemistry, 2017, 292, 2903-2915.	3.4	63
20	Reticulon 3â€“dependent ER-PM contact sites control EGFR nonclathrin endocytosis. Science, 2017, 356, 617-624.	12.6	118
21	BAP1 regulates IP3R3-mediated Ca2+ flux to mitochondria suppressing cell transformation. Nature, 2017, 546, 549-553.	27.8	308
22	Live-cell p53 single-molecule binding is modulated by C-terminal acetylation and correlates with transcriptional activity. Nature Communications, 2017, 8, 313.	12.8	104
23	Autophagy regulates UBC9 levels during viral-mediated tumorigenesis. PLoS Pathogens, 2017, 13, e1006262.	4.7	44
24	Cooperative but distinct early co-signaling events originate from ERBB2 and ERBB1 receptors upon trastuzumab treatment in breast cancer cells. Oncotarget, 2017, 8, 60109-60122.	1.8	18
25	Immunogold Electron Microscopy of the Autophagosome Marker LC3. Bio-protocol, 2017, 7, e2648.	0.4	5
26	PML at Mitochondria-Associated Membranes Is Critical for the Repression of Autophagy and Cancer Development. Cell Reports, 2016, 16, 2415-2427.	6.4	127
27	Regulation of tumor growth by circulating full-length chromogranin A. Oncotarget, 2016, 7, 72716-72732.	1.8	18
28	Identification of an HSP90 modulated multi-step process for ERBB2 degradation in breast cancer cells. Oncotarget, 2016, 7, 85411-85429.	1.8	17
29	Neuroblastoma-targeted nanocarriers improve drug delivery and penetration, delay tumor growth and abrogate metastatic diffusion. Biomaterials, 2015, 68, 89-99.	11.4	36
30	Calcium-permeable AMPA receptors trigger vesicular glutamate release from Bergmann gliosomes. Neuropharmacology, 2015, 99, 396-407.	4.1	24
31	ESCRT-0 Is Not Required for Ectopic Notch Activation and Tumor Suppression in Drosophila. PLoS ONE, 2014, 9, e93987.	2.5	20
32	Functional Characterization of drim2, the Drosophila melanogaster Homolog of the Yeast Mitochondrial Deoxynucleotide Transporter. Journal of Biological Chemistry, 2014, 289, 7448-7459.	3.4	13
33	Mitochondria and Melanosomes Establish Physical Contacts Modulated by Mfn2 and Involved in Organelle Biogenesis. Current Biology, 2014, 24, 393-403.	3.9	121
34	Melanosomeâ€autonomous regulation of size and number: the <scp>OA</scp>1 receptor sustains <scp>PMEL</scp> expression. Pigment Cell and Melanoma Research, 2014, 27, 565-579.	3.3	20
35	New findings in ATP supply in rod outer segments: Insights for retinopathies. Biology of the Cell, 2013, 105, 345-358.	2.0	27
36	Are Rod Outer Segment ATP-ase and ATP-Synthase Activity Expression of the Same Protein?. Cellular and Molecular Neurobiology, 2013, 33, 637-649.	3.3	15

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37	Group I metabotropic glutamate autoreceptors induce abnormal glutamate exocytosis in a mouse model of amyotrophic lateral sclerosis. Neuropharmacology, 2013, 66, 253-263.	4.1	39
38	High Data Output Method for 3-D Correlative Light-Electron Microscopy Using Ultrathin Cryosections. , 2013, 950, 417-437.		8
39	The HSP90 inhibitor geldanamycin perturbs endosomal structure and drives recycling ErbB2 and transferrin to modified MVBs/lysosomal compartments. Molecular Biology of the Cell, 2013, 24, 129-144.	2.1	44
40	Proteome Profiling of Neuroblastoma-Derived Exosomes Reveal the Expression of Proteins Potentially Involved in Tumor Progression. PLoS ONE, 2013, 8, e75054.	2.5	122
41	3D HDO-CLEM. Methods in Cell Biology, 2012, 111, 95-115.	1.1	12
42	Extramitochondrial tricarboxylic acid cycle in retinal rod outer segments. Biochimie, 2011, 93, 1565-1575.	2.6	34
43	A novel approach for correlative light electron microscopy analysis. Microscopy Research and Technique, 2010, 73, 215-224.	2.2	29
44	The vacuolar ATPase is required for physiological as well as pathological activation of the Notch receptor. Development (Cambridge), 2010, 137, 1825-1832.	2.5	145
45	PML Regulates Apoptosis at Endoplasmic Reticulum by Modulating Calcium Release. Science, 2010, 330, 1247-1251.	12.6	360
46	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. PLoS ONE, 2010, 5, e9468.	2.5	50
47	Lipid Rafts and Clathrin Cooperate in the Internalization of PrPC in Epithelial FRT Cells. PLoS ONE, 2009, 4, e5829.	2.5	48
48	Advanced Correlative Light/Electron Microscopy: Current Methods and New Developments Using Tokuyasu Cryosections. Journal of Histochemistry and Cytochemistry, 2009, 57, 1103-1112.	2.5	76
49	Persistent cAMP-Signals Triggered by Internalized G-Proteinâ€“Coupled Receptors. PLoS Biology, 2009, 7, e1000172.	5.6	471
50	Chapter 12 Liposome-Mediated Therapy of Neuroblastoma. Methods in Enzymology, 2009, 465, 225-249.	1.0	13
51	Quantification of Circulating Endothelial Cells by Flow Cytometry. Clinical Cancer Research, 2009, 15, 3640-3640.	7.0	1
52	Chapter 21 Glutamate Release from Astrocytic Gliosomes under Physiological and Pathological Conditions. International Review of Neurobiology, 2009, 85, 295-318.	2.0	20
53	Endoplasmic reticulum stress reduces the export from the ER and alters the architecture of post-ER compartments. International Journal of Biochemistry and Cell Biology, 2009, 41, 2511-2521.	2.8	35
54	Evidence for aerobic metabolism in retinal rod outer segment disks. International Journal of Biochemistry and Cell Biology, 2009, 41, 2555-2565.	2.8	70

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55	Validation of a Standardized Method for Enumerating Circulating Endothelial Cells and Progenitors: Flow Cytometry and Molecular and Ultrastructural Analyses. Clinical Cancer Research, 2009, 15, 267-273.	7.0	153
56	High Data Output and Automated 3D Correlative Lightâ€“Electron Microscopy Method. Traffic, 2008, 9, 1828-1838.	2.7	48
57	Proteomic Analysis of the Retinal Rod Outer Segment Disks. Journal of Proteome Research, 2008, 7, 2654-2669.	3.7	56
58	The ocular albinism type 1 protein, an intracellular G protein-coupled receptor, regulates melanosome transport in pigment cells. Human Molecular Genetics, 2008, 17, 3487-3501.	2.9	76
59	A block of autophagy in lysosomal storage disorders. Human Molecular Genetics, 2008, 17, 119-129.	2.9	456
60	Clathrin and LRP-1-Independent Constitutive Endocytosis and Recycling of uPAR. PLoS ONE, 2008, 3, e3730.	2.5	50
61	TTF-1/NKX2.1 up-regulates the in vivo transcription of nestin. International Journal of Developmental Biology, 2008, 52, 55-62.	0.6	14
62	Amyloid Precursor Protein and Presenilin1 Interact with the Adaptor GRB2 and Modulate ERK 1,2 Signaling. Journal of Biological Chemistry, 2007, 282, 13833-13844.	3.4	83
63	Conditional Inactivation of the E-Cadherin Gene in Thyroid Follicular Cells Affects Gland Development but Does Not Impair Junction Formation. Endocrinology, 2007, 148, 2737-2746.	2.8	42
64	The Highâ€Mobility Group Box 1 Cytokine Induces Transporterâ€Mediated Release of Glutamate from Glial Subcellular Particles (Gliosomes) Prepared from in Situâ€Matured Astrocytes. International Review of Neurobiology, 2007, 82, 73-93.	2.0	16
65	Systemic inflammation and neurodegeneration in a mouse model of multiple sulfatase deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4506-4511.	7.1	88
66	Vascular endothelial cadherin controls VEGFR-2 internalization and signaling from intracellular compartments. Journal of Cell Biology, 2006, 174, 593-604.	5.2	480
67	Glia re-sealed particles freshly prepared from adult rat brain are competent for exocytotic release of glutamate. Journal of Neurochemistry, 2006, 96, 656-668.	3.9	99
68	Î²PIX controls cell motility and neurite extension by regulating the distribution of GIT1. Journal of Cell Science, 2006, 119, 2654-2666.	2.0	49
69	ER storage diseases: a role for ERGIC-53 in controlling the formation and shape of Russell bodies. Journal of Cell Science, 2006, 119, 2532-2541.	2.0	59
70	The ocular albinism type 1 (OA1) protein and the evidence for an intracellular signal transduction system involved in melanosome biogenesis. Pigment Cell & Melanoma Research, 2005, 18, 227-233.	3.6	51
71	TGFÎ± expression impairs Trastuzumab-induced HER2 downregulation. Oncogene, 2005, 24, 3002-3010.	5.9	113
72	The Ocular Albinism Type 1 (OA1) Gene Controls Melanosome Maturation and Size. , 2005, 46, 4358.		55

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73	Dynamic Partitioning into Lipid Rafts Controls the Endo-Exocytic Cycle of the Î±L/Î²2Integrin, LFA-1, during Leukocyte Chemotaxis. Molecular Biology of the Cell, 2005, 16, 5793-5803.	2.1	105
74	Relationships between EGFR Signalingâ€“competent and Endocytosis-competent Membrane Microdomains. Molecular Biology of the Cell, 2005, 16, 2704-2718.	2.1	135
75	Amelioration of both Functional and Morphological Abnormalities in the Retina of a Mouse Model of Ocular Albinism Following AAV-Mediated Gene Transfer. Molecular Therapy, 2005, 12, 652-658.	8.2	36
76	Targeted Deletion of the Integrin Î²4 Signaling Domain Suppresses Laminin-5-Dependent Nuclear Entry of Mitogen-Activated Protein Kinases and NF-ÎºB, Causing Defects in Epidermal Growth and Migration. Molecular and Cellular Biology, 2005, 25, 6090-6102.	2.3	117
77	Clathrin-independent endocytosis of ubiquitinated cargos. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2760-2765.	7.1	719
78	TTP Specifically Regulates the Internalization of the Transferrin Receptor. Cell, 2005, 123, 875-888.	28.9	93
79	A novel actin barbed-end-capping activity in EPS-8 regulates apical morphogenesis in intestinal cells of Caenorhabditis elegans. Nature Cell Biology, 2004, 6, 1173-1179.	10.3	109
80	Chondrocyte protein with a poly-proline region (CHPPR) is a novel mitochondrial protein and promotes mitochondrial fission. Journal of Cellular Physiology, 2004, 201, 470-482.	4.1	25
81	Three-dimensional microscopy migrates to the web with ?PowerUp Your Microscope?. Microscopy Research and Technique, 2004, 64, 196-203.	2.2	9
82	The Life Span Determinant p66Shc Localizes to Mitochondria Where It Associates with Mitochondrial Heat Shock Protein 70 and Regulates Trans-membrane Potential. Journal of Biological Chemistry, 2004, 279, 25689-25695.	3.4	260
83	A dynamic podosome-like structure of epithelial cells. Experimental Cell Research, 2004, 295, 360-374.	2.6	100
84	The neuroendocrine protein VGF is sorted into dense-core granules and is secreted apically by polarized rat thyroid epithelial cells. Experimental Cell Research, 2004, 295, 269-280.	2.6	10
85	Integrin-induced Epidermal Growth Factor (EGF) Receptor Activation Requires c-Src and p130Cas and Leads to Phosphorylation of Specific EGF Receptor Tyrosines. Journal of Biological Chemistry, 2002, 277, 9405-9414.	3.4	330
86	Effective Retrovirus-Mediated Gene Transfer in Normal and Mutant Human Melanocytes. Human Gene Therapy, 2002, 13, 947-957.	2.7	12
87	Integrins Î±6AÎ²1 and Î±6BÎ²1 Promote Different Stages of Chondrogenic Cell Differentiation. Journal of Biological Chemistry, 2002, 277, 31612-31622.	3.4	38
88	The Eps15 C. elegans homologue EHS-1 is implicated in synaptic vesicle recycling. Nature Cell Biology, 2001, 3, 755-760.	10.3	65
89	Signaling through CD38 induces NK cell activation. International Immunology, 2001, 13, 397-409.	4.0	73
90	Dense core secretory vesicles revealed as a dynamic Ca2+store in neuroendocrine cells with a vesicle-associated membrane protein aequorin chimaera. Journal of Cell Biology, 2001, 155, 41-52.	5.2	188

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91	Numb Is an Endocytic Protein. Journal of Cell Biology, 2000, 151, 1345-1352.	5.2	330
92	Tyrosine Phosphorylation of Eps15 Is Required for Ligand-Regulated, but Not Constitutive, Endocytosis. Journal of Cell Biology, 2000, 150, 905-912.	5.2	128
93	Inhibition of Angiogenesis and Vascular Tumor Growth by Interferon-Producing Cells. American Journal of Pathology, 2000, 156, 1381-1393.	3.8	117
94	Ocular albinism: evidence for a defect in an intracellular signal transduction system. Nature Genetics, 1999, 23, 108-112.	21.4	118
95	Ultrastructural and Functional Studies of the Interaction between IL-12 and IL-2 for the Generation of Lymphokine-Activated Killer Cells. Experimental Cell Research, 1999, 253, 440-453.	2.6	10
96	Expression of the Extracellular Fatty Acid Binding Protein (Ex-FABP) during Muscle Fiber Formationin Vivoandin Vitro. Experimental Cell Research, 1998, 242, 410-418.	2.6	22
97	Monocyte-derived dendritic cells and monocytes migrate to HIV-Tat RGD and basic peptides. Aids, 1998, 12, 261-268.	2.2	48
98	Phenotypic and Functional Characterization of Human Tonsillar Subepithelial (SE) B Cells. Annals of the New York Academy of Sciences, 1997, 815, 171-181.	3.8	7
99	OSTEOBLASTIC CELLS FROM RAT LONG BONE II: ADHESION TO SUBSTRATA AND INTEGRIN EXPRESSION IN PRIMARY AND PROPAGATED CULTURES. Cell Biology International, 1997, 21, 7-16.	3.0	25
100	NAD+-dependent internalization of the transmembrane glycoprotein CD38 in human Namalwa B cells. FEBS Letters, 1996, 396, 327-332.	2.8	56
101	Apoptosis of L929 Cells by Etoposide: A Quantitative and Kinetic Approach. Experimental Cell Research, 1996, 228, 292-305.	2.6	31
102	The ocular albinism type 1 gene product is a membrane glycoprotein localized to melanosomes.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9055-9060.	7.1	89
103	Subepithelial B cells in the human palatine tonsil. I. Morphologic, cytochemical and phenotypic characterization. European Journal of Immunology, 1996, 26, 2035-2042.	2.9	67
104	N-CAM and N-Cadherin Expression during in Vitro Chondrogenesis. Experimental Cell Research, 1994, 215, 354-362.	2.6	178
105	Angiogenic potential in vivo by KaposiÊ¼s sarcoma cell-free supernatants and HIV-1 tat product: inhibition of KS-like lesions by tissue inhibitor of metalloproteinase-2. Aids, 1994, 8, 1237-1244.	2.2	147
106	Cell condensation in chondrogenic differentiation. Experimental Cell Research, 1992, 200, 26-33.	2.6	122
107	Constitutive myc expression impairs hypertrophy and calcification in cartilage. Developmental Biology, 1992, 149, 168-176.	2.0	27
108	Purification and partial characterization ofXenophus laevistenascin from the XTC cell line. FEBS Letters, 1991, 279, 346-350.	2.8	11

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109	Chondrocyte Differentiation in Vitro from Clones of Prechondrogenic Cells. Annals of the New York Academy of Sciences, 1990, 580, 532-535.	3.8	0
110	Calcification of in vitro developed hypertrophic cartilage. Developmental Biology, 1989, 132, 442-447.	2.0	40
111	Change of inverted thyroid follicle into a spheroid after embedding in a collagen gel. Experimental Cell Research, 1986, 163, 63-77.	2.6	14
112	Autocrine saturation of pro-urokinase receptors on human A431 cells. Cell, 1986, 45, 675-684.	28.9	364
113	Functional properties of normal and inverted rat thyroid follicles in suspension culture. Journal of Cellular Physiology, 1986, 126, 93-98.	4.1	10
114	Suspension culture reveals a morphogenetic property of a thyroid epithelial cell line. Experimental Cell Research, 1984, 152, 22-30.	2.6	9