# Tom Carter

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5386327/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 40 papers | 1,333 citations | 279798 23 h-index | 345221 36 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 1489 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | P-selectin mobility undergoes a sol-gel transition as it diffuses from exocytosis sites into the cell membrane. Nature Communications, 2022, 13, . | 12.8 | 3 |
| 2 | GDP/GTP exchange factor MADD drives activation and recruitment of secretory Rab GTPases to Weibel-Palade bodies. Blood Advances, 2021, 5, 5116-5127. | 5.2 | 14 |
| 3 | Synaptotagmin 5 regulates calcium-dependent Weibel-Palade body exocytosis in human endothelial cells. Journal of Cell Science, 2019, 132, . | 2.0 | 15 |
| 4 | Stimulated release of intraluminal vesicles from Weibel-Palade bodies. Blood, 2019, 133, 2707-2717. | 1.4 | 29 |
| 5 | WPBs: making a mark and leaving a trail. Blood, 2019, 134, 909-910. | 1.4 | 1 |
| 6 | Ultrastructural and Functional Analysis of Weibel-Palade Bodies. Biophysical Journal, 2018, 114, 284a. | 0.5 | 0 |
| 7 | Weibel-Palade Body Localized Syntaxin-3 Modulates Von Willebrand Factor Secretion From Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1549-1561. | 2.4 | 35 |
| 8 | Multiple CaMKII Binding Modes to the Actin Cytoskeleton Revealed by Single-Molecule Imaging. Biophysical Journal, 2016, 111, 395-408. | 0.5 | 29 |
| 9 | Interaction between MyRIP and the actin cytoskeleton regulates Weibel-Palade body trafficking and exocytosis. Journal of Cell Science, 2015, 129, 592-603. | 2.0 | 28 |
| 10 | Is there more than one way to unpack a Weibel-Palade body?. Blood, 2015, 126, 2165-2167. | 1.4 | 15 |
| 11 | Fast-Response Calmodulin-Based Fluorescent Indicators Reveal Rapid Intracellular Calcium Dynamics. Scientific Reports, 2015, 5, 15978. | 3.3 | 45 |
| 12 | STXBP1 promotes Weibel-Palade body exocytosis through its interaction with the Rab27A effector Slp4-a. Blood, 2014, 123, 3185-3194. | 1.4 | 46 |
| 13 | Differential Cargo Mobilisation within Weibel-Palade Bodies after Transient Fusion with the Plasma Membrane. PLoS ONE, 2014, 9, e108093. | 2.5 | 14 |
| 14 | Regulation of Stimulated and Basal Release of Weibel-Palade Bodies By Syntaxin-3 Containing SNARE-Complexes. Blood, 2014, 124, 1440-1440. | 1.4 | 0 |
| 15 | Characterisation of Weibel-Palade body fusion by amperometry in endothelial cells reveals fusion pore dynamics and the effect of cholesterol on exocytosis. Journal of Cell Science, 2013, 126, 5490-9. | 2.0 | 11 |
| 16 | Antibody Alone Is Not a Stimulator of Exocytosis of Weibel-Palade Bodies From Human Endothelial Cells. Transplantation, 2012, 94, 794-801. | 1.0 | 5 |
| 17 | The interplay between the Rab27A effectors Slp4-a and MyRIP controls hormone-evoked Weibel-Palade body exocytosis. Blood, 2012, 120, 2757-2767. | 1.4 | 85 |
| 18 | Role of the Cytoskeleton in the Regulation of Weibel-Palade Body Exocytosis. Biophysical Journal, 2012, 102, 317a. | 0.5 | 0 |

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|---|---|---|---|
| 19 | Mechanism and function of Vav1 localization in TCR signaling. Journal of Cell Science, 2012, 125, 5302-14. | 2.0 | 26 |
| 20 | Weibel-Palade Body Membrane Identity and Intra-Organelle Protein Mobilities Following Transient Plasma Membrane Fusion. Biophysical Journal, 2011, 100, 409a-410a. | 0.5 | 0 |
| 21 | Temperature-Dependence of Weibel-Palade Body Exocytosis and Cell Surface Dispersal of von Willebrand Factor and Its Propolypeptide. PLoS ONE, 2011, 6, e27314. | 2.5 | 30 |
| 22 | A revised model for the secretion of tPA and cytokines from cultured endothelial cells. Blood, 2010, 116, 2183-2191. | 1.4 | 78 |
| 23 | Protein mobilities and P-selectin storage in Weibelâ€“Palade bodies. Journal of Cell Science, 2010, 123, 2964-2975. | 2.0 | 26 |
| 24 | Differential Effect of Extracellular Acidosis on the Release and Dispersal of Soluble and Membrane Proteins Secreted from the Weibel-Palade Body. Journal of Biological Chemistry, 2009, 284, 12459-12468. | 3.4 | 29 |
| 25 | Structural organization of Weibel-Palade bodies revealed by cryo-EM of vitrified endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17407-17412. | 7.1 | 72 |
| 26 | Selective release of molecules from Weibel-Palade bodies during a lingering kiss. Blood, 2008, 111, 5282-5290. | 1.4 | 79 |
| 27 | Rate, extent and concentration dependence of histamine-evoked Weibel-Palade body exocytosis determined from individual fusion events in human endothelial cells. Journal of Physiology, 2007, 583, 195-212. | 2.9 | 66 |
| 28 | Cyclooxygenase-2 Induction and Prostacyclin Release by Protease-activated Receptors in Endothelial Cells Require Cooperation between Mitogen-activated Protein Kinase and NF-Î²B Pathways. Journal of Biological Chemistry, 2006, 281, 11792-11804. | 3.4 | 86 |
| 29 | Differential Kinetics of Cell Surface Loss of von Willebrand Factor and Its Propolypeptide after Secretion from Weibel-Palade Bodies in Living Human Endothelial Cells. Journal of Biological Chemistry, 2005, 280, 22827-22830. | 3.4 | 55 |
| 30 | Interaction of the actin cytoskeleton with microtubules regulates secretory organelle movement near the plasma membrane in human endothelial cells. Journal of Cell Science, 2003, 116, 3927-3938. | 2.0 | 95 |
| 31 | Protease-Activated Receptors Upregulate Cyclooxygenase-2 Expression in Human Endothelial Cells. Thrombosis and Haemostasis, 2002, 88, 321-328. | 3.4 | 45 |
| 32 | Integration of calcium signals by calmodulin in rat sensory neurons. European Journal of Neuroscience, 2002, 15, 661-670. | 2.6 | 10 |
| 33 | Differential exocytosis from human endothelial cells evoked by high intracellular Ca2+concentration. Journal of Physiology, 2002, 544, 741-755. | 2.9 | 32 |
| 34 | Membrane capacitance changes induced by thrombin and calcium in single endothelial cells cultured from human umbilical vein. Journal of Physiology, 1998, 513, 845-855. | 2.9 | 9 |
| 35 | Kinetics of Ca2+release by InsP3in pig single aortic endothelial cells: evidence for an inhibitory role of cytosolic Ca2+in regulating hormonally evoked Ca2+spikes. Journal of Physiology, 1997, 504, 17-33. | 2.9 | 29 |
| 36 | Potency and kinetics of nitric oxide-mediated vascular smooth muscle relaxation determined with flash photolysis of ruthenium nitrosyl chlorides. British Journal of Pharmacology, 1997, 122, 971-973. | 5.4 | 46 |

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|---|---|---|---|
| 37 | Photolabile donors of nitric oxide: Ruthenium nitrosyl chlorides as caged nitric oxide. Methods in Enzymology, 1996, 268, 266-281. | 1.0 | 47 |
| 38 | Analogue computation of transient changes of intracellular free Ca2+ concentration with the low affinity Ca2+ indicator furaptra during whole-cell patch-clamp recording. Pflugers Archiv European Journal of Physiology, 1995, 429, 587-591. | 2.8 | 33 |
| 39 | Acetylcholine-stimulated changes of membrane potential and intracellular Ca2+ concentration recorded in endothelial cells in situ in the isolated rat aorta. Pflugers Archiv European Journal of Physiology, 1994, 428, 476-484. | 2.8 | 43 |
| 40 | Kinetics of intracellular calcium release by inositol 1, 4, 5-trisphosphate and extracellular ATP in porcine cultured aortic endothelial cells. Proceedings of the Royal Society B: Biological Sciences, 1992, 250, 235-241. | 2.6 | 22 |