

Resource Summary Report

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WEBMAXC STANDARD

RRID:SCR_003165

Type: Tool

Proper Citation

WEBMAXC STANDARD (RRID:SCR_003165)

Resource Information

URL: <http://www.stanford.edu/~cpatton/webmaxcS.htm>

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Description: Data analysis service to calculate free and total metals and chelators, Kds, complexes, and ionic contribution. You can evaluate chelators by having a non-zero value for any chelators you wish to evaluate and at least one metal greater than zero. Kd's and ranges will appear at end. Only valid for metal-chelator combinations where there are constants.

Abbreviations: WEBMAXC STANDARD

Resource Type: analysis service resource, data analysis service, production service resource, service resource

Keywords: chelator, metal, javascript

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: WEBMAXC STANDARD

Resource ID: SCR_003165

Alternate IDs: nlx_156866

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260821T042615+0000

Ratings and Alerts

No rating or validation information has been found for WEBMAXC STANDARD.

No alerts have been found for WEBMAXC STANDARD.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Xie B, et al. (2022) The endoplasmic reticulum-plasma membrane tethering protein TMEM24 is a regulator of cellular Ca²⁺ homeostasis. Journal of cell science, 135(5).

Kappel S, et al. (2022) p53 alters intracellular Ca²⁺ signaling through regulation of TRPM4. Cell calcium, 104, 102591.

Ruiz-Lopez N, et al. (2021) Synaptotagmins at the endoplasmic reticulum-plasma membrane contact sites maintain diacylglycerol homeostasis during abiotic stress. The Plant cell, 33(7), 2431.

MacKay CE, et al. (2020) Intravascular flow stimulates PKD2 (polycystin-2) channels in endothelial cells to reduce blood pressure. eLife, 9.

Hoorelbeke D, et al. (2020) Cx43 channels and signaling via IP₃/Ca²⁺, ATP, and ROS/NO propagate radiation-induced DNA damage to non-irradiated brain microvascular endothelial cells. Cell death & disease, 11(3), 194.

Kurz A, et al. (2020) Long-term vertigo control after cochlear implantation in patients with end-stage Menière's disease : A retrospective questionnaire-based cross-sectional study. Wiener klinische Wochenschrift, 132(17-18), 521.

Delvaeye T, et al. (2019) Blocking connexin43 hemichannels protects mice against tumour necrosis factor-induced inflammatory shock. Scientific reports, 9(1), 16623.

Starkus J, et al. (2019) Diverse TRPV1 responses to cannabinoids. Channels (Austin, Tex.), 13(1), 172.

Jensen TP, et al. (2019) Multiplex imaging relates quantal glutamate release to presynaptic Ca²⁺ homeostasis at multiple synapses in situ. Nature communications, 10(1), 1414.

Beekharry CC, et al. (2018) Protein Kinase C Enhances Electrical Synaptic Transmission by Acting on Junctional and Postsynaptic Ca²⁺ Currents. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(11), 2796.

Wong WM, et al. (2018) Sensory Adaptation to Chemical Cues by Vomeronasal Sensory Neurons. eNeuro, 5(4).

Kim H, et al. (2018) Anoctamin 9/TMEM16J is a cation channel activated by cAMP/PKA signal. Cell calcium, 71, 75.

Przibilla J, et al. (2018) Ca²⁺-dependent regulation and binding of calmodulin to multiple sites of Transient Receptor Potential Melastatin 3 (TRPM3) ion channels. *Cell calcium*, 73, 40.

Bulley S, et al. (2018) Arterial smooth muscle cell PKD2 (TRPP1) channels regulate systemic blood pressure. *eLife*, 7.

Evanson KW, et al. (2018) The G protein-coupled estrogen receptor agonist, G-1, attenuates BK channel activation in cerebral arterial smooth muscle cells. *Pharmacology research & perspectives*, 6(4), e00409.

Colmers PLW, et al. (2018) Presynaptic mGluRs Control the Duration of Endocannabinoid-Mediated DSI. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(49), 10444.

Hristov KL, et al. (2017) Nongenomic modulation of the large conductance voltage- and Ca²⁺-activated K⁺ channels by estrogen: A novel regulatory mechanism in human detrusor smooth muscle. *Physiological reports*, 5(14).

Huang E, et al. (2017) PINK1-mediated phosphorylation of LETM1 regulates mitochondrial calcium transport and protects neurons against mitochondrial stress. *Nature communications*, 8(1), 1399.

Belkacemi T, et al. (2017) TRPC1- and TRPC3-dependent Ca²⁺ signaling in mouse cortical astrocytes affects injury-evoked astrogliosis in vivo. *Glia*, 65(9), 1535.

Rybarczyk P, et al. (2017) The Transient Receptor Potential Melastatin 7 Channel Regulates Pancreatic Cancer Cell Invasion through the Hsp90 α /uPA/MMP2 pathway. *Neoplasia (New York, N.Y.)*, 19(4), 288.