

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: service resource, production service resource, analysis service resource, data analysis service

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: 20260731T042645+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 [kravitz2](#) .

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.

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.

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.

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.

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

Beekharri 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.

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.

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

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.

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.

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).

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.

Wallbrecher R, et al. (2017) Membrane permeation of arginine-rich cell-penetrating peptides independent of transmembrane potential as a function of lipid composition and membrane fluidity. *Journal of controlled release : official journal of the Controlled Release Society*, 256, 68.