Michael Poteser

List of Publications by Year
in descending order

50 papers	1,828 citations	279701 23 h-index	265120 42 g-index
52 all docs	52 docs citations	52 times ranked	2477 citing authors

#	Article	IF	Citations
1	COVID-19: Regional Differences in Austria. International Journal of Environmental Research and Public Health, 2022, 19, 1644.	1.2	3
2	Anti-Inflammatory Effects of Melatonin in Rats with Induced Type 2 Diabetes Mellitus. Life, 2022, 12, 574.	1.1	11
3	Health Symptoms Related to Pesticide Use in Farmers and Laborers of Ecological and Conventional Banana Plantations in Ecuador. International Journal of Environmental Research and Public Health, 2021, 18, 1126.	1.2	14
4	COVID-19 and air pollution in Viennaâ€"aÂtime series approach. Wiener Klinische Wochenschrift, 2021, 133, 951-957.	1.0	6
5	Correlative SEM-Raman microscopy to reveal nanoplastics in complex environments. Micron, 2021, 144, 103034.	1.1	24
6	More pesticidesâ€"less children?. Wiener Klinische Wochenschrift, 2020, 132, 197-204.	1.0	2
7	Air Pollution Is Associated with COVID-19 Incidence and Mortality in Vienna, Austria. International Journal of Environmental Research and Public Health, 2020, 17, 9275.	1.2	30
8	Time Course of COVID-19 Cases in Austria. International Journal of Environmental Research and Public Health, 2020, 17, 3270.	1.2	26
9	Perfluoroctanoic acid (PFOA) enhances NOTCH-signaling in an angiogenesis model of placental trophoblast cells. International Journal of Hygiene and Environmental Health, 2020, 229, 113566.	2.1	13
10	Daylight Saving Time Transitions: Impact on Total Mortality. International Journal of Environmental Research and Public Health, 2020, 17, 1611.	1.2	15
11	Nitrogen-Dioxide Remains a Valid Air Quality Indicator. International Journal of Environmental Research and Public Health, 2020, 17, 3733.	1.2	20
12	Indicators of Genotoxicity in Farmers and Laborers of Ecological and Conventional Banana Plantations in Ecuador. International Journal of Environmental Research and Public Health, 2020, 17, 1435.	1.2	14
13	Die Klimamahnwoche: Information des Gesundheitspersonals Ã¼ber das Thema auf wissenschaftlicher Basis. Public Health Forum, 2020, 28, 72-74.	0.1	0
14	Validity of reported indicators of pesticide exposure and relevance for cytotoxic and genotoxic effects on buccal cells. Mutagenesis, 2019, 34, 147-152.	1.0	4
15	Subjective Symptoms of Male Workers Linked to Occupational Pesticide Exposure on Coffee Plantations in the Jarabacoa Region, Dominican Republic. International Journal of Environmental Research and Public Health, 2018, 15, 2099.	1.2	13
16	Comment on Zheng et al. Association between Promoter Methylation of Gene ERCC3 and Benzene Hematotoxicity. Int. J. Environ. Res. Public Health 2017, 14, 921. International Journal of Environmental Research and Public Health, 2017, 14, 1393.	1.2	0
17	Live-cell imaging of ER-PM contact architecture by a novel TIRFM approach reveals extension of junctions in response to store-operated Ca2+-entry. Scientific Reports, 2016, 6, 35656.	1.6	58
18	Cholesterol modulates Orai1 channel function. Science Signaling, 2016, 9, ra10.	1.6	80

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19	TRPC3 contributes to regulation of cardiac contractility and arrhythmogenesis by dynamic interaction with NCX1. Cardiovascular Research, 2015, 106, 163-173.	1.8	69
20	Targeting Cardiac Hypertrophy. Journal of Cardiovascular Pharmacology, 2014, 64, 293-305.	0.8	70
21	Role of TRPC and Orai Channels in Vascular Remodeling. , 2014, , 463-490.		0
22	A novel homology model of TRPC3 reveals allosteric coupling between gate and selectivity filter. Cell Calcium, 2013, 54, 175-185.	1.1	25
23	Inhibition of Orai1-mediated Ca²⁺ entry is a key mechanism of the antiproliferative action of sirolimus in human arterial smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1646-H1657.	1.5	17
24	Basic Principles of Molecular Pathophysiology and Etiology of Cardiovascular Disorders. , 2013, , 1-23.		0
25	Gene Polymorphisms and Signaling Defects. , 2013, , 53-102.		0
26	PKC-dependent coupling of calcium permeation through transient receptor potential canonical 3 (TRPC3) to calcineurin signaling in HL-1 myocytes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10556-10561.	3.3	79
27	GPR55â€dependent and â€independent ion signalling in response to lysophosphatidylinositol in endothelial cells. British Journal of Pharmacology, 2010, 161, 308-320.	2.7	59
28	Mitochondrial Ca2+ uptake and not mitochondrial motility is required for STIM1-Orai1-dependent store-operated Ca2+ entry. Journal of Cell Science, 2010, 123, 2553-2564.	1.2	76
29	Cell-Cell Contact Formation Governs Ca2+ Signaling by TRPC4 in the Vascular Endothelium. Journal of Biological Chemistry, 2010, 285, 4213-4223.	1.6	45
30	Relationship between Body Size and Spatial Vision in the Praying Mantis - An Ontogenetic Study. Journal of Orthoptera Research, 2009, 18, 153-158.	0.4	14
31	Identification of a rare subset of adipose tissueâ€resident progenitor cells, which express CD133 and TRPC3 as a VEGFâ€regulated Ca²⁺ entry channel. FEBS Letters, 2008, 582, 2696-2702.	1.3	28
32	Glycanogenomics: A qPCR-approach to investigate biological glycan function. Biochemical and Biophysical Research Communications, 2008, 375, 297-302.	1.0	23
33	Phospholipase C-dependent control of cardiac calcium homeostasis involves a TRPC3-NCX1 signaling complex. Cardiovascular Research, 2007, 73, 111-119.	1.8	84
34	TRPC4 expression determines sensitivity of the platelet-type capacitative Ca2+entry channel to intracellular alkalosis. Platelets, 2006, 17, 454-461.	1.1	10
35	Cellular cholesterol controls TRPC3 function: evidence from a novel dominant-negative knockdown strategy. Biochemical Journal, 2006, 396, 147-155.	1.7	52
36	Intracellular pH as a Determinant of Vascular Smooth Muscle Function. Journal of Vascular Research, 2006, 43, 238-250.	0.6	40

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37	TRPC3 and TRPC4 Associate to Form a Redox-sensitive Cation Channel. Journal of Biological Chemistry, 2006, 281, 13588-13595.	1.6	198
38	Na+ entry and modulation of Na+/Ca2+ exchange as a key mechanism of TRPC signaling. Pflugers Archiv European Journal of Physiology, 2005, 451, 99-104.	1.3	53
39	Serum albumin induces iNOS expression and NO production in RAW 267.4 macrophages. British Journal of Pharmacology, 2004, 143, 143-151.	2.7	36
40	Reduction of lipopolysaccharide-induced cyclooxygenase-2 expression in diabetic arteries. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 358-362.	1.4	1
41	Role of TRP channels in endothelial pathophysiologyâ€"evidence for vascular TRPs as a potential target for drug therapy. International Congress Series, 2004, 1262, 137-140.	0.2	0
42	Effects of Cadmium in Vitro on Contractile and Relaxant Responses of Isolated Rat Aortas. Environmental Health and Preventive Medicine, 2004, 9, 251-256.	1.4	2
43	Crosstalk Between Voltage-Independent Ca 2+ Channels and L-Type Ca 2+ Channels in A7r5 Vascular Smooth Muscle Cells at Elevated Intracellular pH. Circulation Research, 2003, 92, 888-896.	2.0	29
44	Functional Consequences of P/Q-type Ca2+Channel Cav2.1 Missense Mutations Associated with Episodic Ataxia Type 2 and Progressive Ataxia. Journal of Biological Chemistry, 2002, 277, 6960-6966.	1.6	94
45	Expression of Trp3 Determines Sensitivity of Capacitative Ca2+ Entry to Nitric Oxide and Mitochondrial Ca2+ Handling. Journal of Biological Chemistry, 2001, 276, 48149-48158.	1.6	28
46	S-Nitrosation Controls Gating and Conductance of the Î±1 Subunit of Class C L-type Ca2+ Channels. Journal of Biological Chemistry, 2001, 276, 14797-14803.	1.6	57
47	Modulation of the smooth-muscle L-type Ca2+ channel Î±1 subunit (Î±1C-b) by the Î²2a subunit: a peptide which inhibits binding of Î² to the Iâ€"II linker of Î±1 induces functional uncoupling. Biochemical Journal, 2000, 348, 657.	1.7	16
48	Modulation of the smooth-muscle L-type Ca2+ channel Î±1 subunit (Î±1C-b) by the Î²2a subunit: a peptide which inhibits binding of Î² to the Iâ€"II linker of Î±1 induces functional uncoupling. Biochemical Journal, 2000, 348, 657-665.	1.7	47
49	Motion detection in insect orientation and navigation. Vision Research, 1999, 39, 2749-2766.	0.7	161
50	Motion parallax as a source of distance information in locusts and mantids. Journal of Insect Behavior, 1997, 10, 145-163.	0.4	82