Benjamin Odermatt

List of Publications by Year
in descending order

12	350	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glutaredoxin 2 promotes SP-1-dependent CSPG4 transcription and migration of wound healing NG2 glia and glioma cells: Enzymatic Taoism. Redox Biology, 2022, 49, 102221.	9.0	6
2	Biallelic and monoallelic variants in PLXNA1 are implicated in a novel neurodevelopmental disorder with variable cerebral and eye anomalies. Genetics in Medicine, 2021, 23, 1715-1725.	2.4	22
3	Effect of modulating glutamate signaling on myelinating oligodendrocytes and their developmentâ€"A study in the zebrafish model. Journal of Neuroscience Research, 2021, 99, 2774-2792.	2.9	4
4	CNS myelin protein 36K regulates oligodendrocyte differentiation through Notch. Glia, 2020, 68, 509-527.	4.9	12
5	Molecular basis for the distinct functions of redox-active and FeS-transfering glutaredoxins. Nature Communications, 2020, 11, 3445.	12.8	47
6	SLC20A1 Is Involved in Urinary Tract and Urorectal Development. Frontiers in Cell and Developmental Biology, 2020, 8, 567.	3.7	22
7	Dynamic assembly of ribbon synapses and circuit maintenance in a vertebrate sensory system. Nature Communications, 2019, 10, 2167.	12.8	24
8	Rare Variants in BNC2 Are Implicated in Autosomal-Dominant Congenital Lower Urinary-Tract Obstruction. American Journal of Human Genetics, 2019, 104, 994-1006.	6.2	47
9	Exome sequencing in syndromic brain malformations identifies novel mutations in ACTB, and SLC9A6, and suggests BAZ1A as a new candidate gene. Birth Defects Research, 2018, 110, 587-597.	1.5	21
10	Synaptic Convergence Patterns onto Retinal Ganglion Cells Are Preserved despite Topographic Variation in Pre- and Postsynaptic Territories. Cell Reports, 2018, 25, 2017-2026.e3.	6.4	31
11	ISL1 is a major susceptibility gene for classic bladder exstrophy and a regulator of urinary tract development. Scientific Reports, 2017, 7, 42170.	3.3	41
12	Mutations in Î³-secretase subunitâ€"encoding PSENEN underlie Dowling-Degos disease associated with acne inversa. Journal of Clinical Investigation, 2017, 127, 1485-1490.	8.2	73