

Thomas Knäpfl

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

507
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of sodium/hydrogen exchanger 3 in the gastrointestinal tract by tenapanor reduces paracellular phosphate permeability. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	91
2	The elevation of circulating fibroblast growth factor 23 without kidney disease does not increase cardiovascular disease risk. <i>Kidney International</i> , 2018, 94, 49-59.	5.2	62
3	Paracellular transport of phosphate along the intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G233-G241.	3.4	51
4	Intestinal Depletion of NaPi-IIb/Slc34a2 in Mice: Renal and Hormonal Adaptation. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1925-1937.	2.8	48
5	Structural Fold and Binding Sites of the Human Na ⁺ -Phosphate Cotransporter NaPi-II. <i>Biophysical Journal</i> , 2014, 106, 1268-1279.	0.5	42
6	Acute Adaption to Oral or Intravenous Phosphate Requires Parathyroid Hormone. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 903-914.	6.1	38
7	1,25(OH) ₂ vitamin D ₃ stimulates active phosphate transport but not paracellular phosphate absorption in mouse intestine. <i>Journal of Physiology</i> , 2021, 599, 1131-1150.	2.9	32
8	The intestinal phosphate transporter NaPi-IIb (Slc34a2) is required to protect bone during dietary phosphate restriction. <i>Scientific Reports</i> , 2017, 7, 11018.	3.3	30
9	Gene panel sequencing identifies a likely monogenic cause in 7% of 235 Pakistani families with nephrolithiasis. <i>Human Genetics</i> , 2019, 138, 211-219.	3.8	26
10	The proton-activated ovarian cancer G-protein-coupled receptor 1 (OGR1) is responsible for renal calcium loss during acidosis. <i>Kidney International</i> , 2020, 97, 920-933.	5.2	22
11	Intestinal epithelial ablation of Pit-1/Slc20a2 in mice leads to sustained elevation of vitamin D ₃ upon dietary restriction of phosphate. <i>Acta Physiologica</i> , 2020, 230, e13526.	3.8	21
12	Fate-mapping of erythropoietin-producing cells in mouse models of hypoxaemia and renal tissue remodelling reveals repeated recruitment and persistent functionality. <i>Acta Physiologica</i> , 2022, 234, e13768.	3.8	17
13	Cre-mediated, loxP independent sequential recombination of a tripartite transcriptional stop cassette allows for partial read-through transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194568.	1.9	13
14	Neurogenic and pericytic plasticity of conditionally immortalized cells derived from renal erythropoietin-producing cells. <i>Journal of Cellular Physiology</i> , 2022, 237, 2420-2433.	4.1	6
15	Renal localization and regulation by dietary phosphate of the MCT14 orphan transporter. <i>PLoS ONE</i> , 2017, 12, e0177942.	2.5	5
16	Impaired phosphate transport in SLC34A2 variants in patients with pulmonary alveolar microlithiasis. <i>Human Genomics</i> , 2022, 16, 13.	2.9	3
17	Transcellular And Paracellular Permeability For Phosphate Along The Intestinal Epithelia. <i>FASEB Journal</i> , 2018, 32, 747.22.	0.5	0
18	Cover Image, Volume 237, Number 5, May 2022. <i>Journal of Cellular Physiology</i> , 2022, 237, .	4.1	0