Clemens Bergwitz

List of Publications by Year
in descending order

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37 papers	2,809 citations	361413 20 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	4138 citing authors

#	Article	IF	Citations
1	An integrative approach to ortholog prediction for disease-focused and other functional studies. BMC Bioinformatics, 2011, 12, 357.	2.6	629
2	Regulation of Phosphate Homeostasis by PTH, Vitamin D, and FGF23. Annual Review of Medicine, 2010, 61, 91-104.	12.2	551
3	SLC34A3 Mutations in Patients with Hereditary Hypophosphatemic Rickets with Hypercalciuria Predict a Key Role for the Sodium-Phosphate Cotransporter NaPi-IIc in Maintaining Phosphate Homeostasis. American Journal of Human Genetics, 2006, 78, 179-192.	6.2	422
4	Mutations in SLC34A3/NPT2c Are Associated with Kidney Stones and Nephrocalcinosis. Journal of the American Society of Nephrology: JASN, 2014, 25, 2366-2375.	6.1	124
5	Role of phosphate sensing in bone and mineral metabolism. Nature Reviews Endocrinology, 2018, 14, 637-655.	9.6	121
6	Phosphate Sensing. Advances in Chronic Kidney Disease, 2011, 18, 132-144.	1.4	110
7	Hereditary hypophosphatemic rickets with hypercalciuria: pathophysiology, clinical presentation, diagnosis and therapy. Pflugers Archiv European Journal of Physiology, 2019, 471, 149-163.	2.8	74
8	FGF23 signalling and physiology. Journal of Molecular Endocrinology, 2021, 66, R23-R32.	2.5	71
9	A novel missense mutation in SLC34A3 that causes hereditary hypophosphatemic rickets with hypercalciuria in humans identifies threonine 137 as an important determinant of sodium-phosphate cotransport in NaPi-IIc. American Journal of Physiology - Renal Physiology, 2008, 295, F371-F379.	2.7	70
10	Hypophosphatemia promotes lower rates of muscle ATP synthesis. FASEB Journal, 2016, 30, 3378-3387.	0.5	70
11	Defective O-Glycosylation due to a Novel Homozygous S129P Mutation Is Associated with Lack of Fibroblast Growth Factor 23 Secretion and Tumoral Calcinosis. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4267-4274.	3.6	63
12	Importance of Dietary Phosphorus for Bone Metabolism and Healthy Aging. Nutrients, 2020, 12, 3001.	4.1	60
13	FGF23 and Syndromes of Abnormal Renal Phosphate Handling. Advances in Experimental Medicine and Biology, 2012, 728, 41-64.	1.6	59
14	Cloning and Characterization of the Vitamin D Receptor from Xenopus laevis*. Endocrinology, 1997, 138, 2347-2353.	2.8	54
15	Disorders of Phosphate Homeostasis and Tissue Mineralisation. Endocrine Development, 2009, 16, 133-156.	1.3	34
16	Case 33-2011. New England Journal of Medicine, 2011, 365, 1625-1635.	27.0	33
17	Fanconi-Bickel Syndrome and Autosomal Recessive Proximal Tubulopathy with Hypercalciuria (ARPTH) Are Allelic Variants Caused by GLUT2 Mutations. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1978-E1986.	3.6	30
18	Targeted FGFR Blockade for the Treatment of Tumor-Induced Osteomalacia. New England Journal of Medicine, 2020, 383, 1387-1389.	27.0	27

#	Article	IF	Citations
19	Cloning and Characterization of the Vitamin D Receptor from Xenopus laevis. Endocrinology, 1997, 138, 2347-2353.	2.8	24
20	Hereditary hypophosphatemic rickets with hypercalciuria and nephrolithiasisâ€"Identification of a novel SLC34A3/NaPiâ€IIc mutation. American Journal of Medical Genetics, Part A, 2011, 155, 626-633.	1.2	22
21	A Patient With Hypophosphatemia, a Femoral Fracture, and Recurrent Kidney Stones: Report of a Novel Mutation in SLC34A3. Endocrine Practice, 2008, 14, 869-874.	2.1	20
22	Roles of Major Facilitator Superfamily Transporters in Phosphate Response in Drosophila. PLoS ONE, 2012, 7, e31730.	2.5	19
23	Dietary phosphate modifies lifespan in Drosophila. Nephrology Dialysis Transplantation, 2012, 27, 3399-3406.	0.7	15
24	Genetic Determinants of Phosphate Response in Drosophila. PLoS ONE, 2013, 8, e56753.	2.5	14
25	Description of 5 Novel SLC34A3/NPT2c Mutations Causing Hereditary Hypophosphatemic Rickets With Hypercalciuria. Kidney International Reports, 2019, 4, 1179-1186.	0.8	14
26	Response of Npt2a knockout mice to dietary calcium and phosphorus. PLoS ONE, 2017, 12, e0176232.	2.5	12
27	Slc20a1/Pit1 and Slc20a2/Pit2 are essential for normal skeletal myofiber function and survival. Scientific Reports, 2020, 10, 3069.	3.3	12
28	NHERF1Mutations and Responsiveness of Renal Parathyroid Hormone. New England Journal of Medicine, 2008, 359, 2615-2617.	27.0	11
29	Impaired urinary osteopontin excretion in Npt2aâ^'/â^' mice. American Journal of Physiology - Renal Physiology, 2017, 312, F77-F83.	2.7	11
30	Endocrine regulation of MFS2 by branchless controls phosphate excretion and stone formation in Drosophila renal tubules. Scientific Reports, 2019, 9, 8798.	3.3	10
31	Transgenic mouse model for conditional expression of influenza hemagglutinin-tagged human SLC20A1/PIT1. PLoS ONE, 2019, 14, e0223052.	2.5	5
32	Description of a novelSLC34A3.c.671delTmutation causing hereditary hypophosphatemic rickets with hypercalciuria in two adolescent boys and response to recombinant human growth hormone. Therapeutic Advances in Musculoskeletal Disease, 2020, 12, 1759720X2091286.	2.7	5
33	Intraperitoneal pyrophosphate treatment reduces renal calcifications in Npt2a null mice. PLoS ONE, 2017, 12, e0180098.	2.5	5
34	Response of tumor-induced osteomalacia (TIO) to the FGFR inhibitor BGJ398.. Journal of Clinical Oncology, 2016, 34, e22500-e22500.	1.6	4
35	Different elemental infant formulas show equivalent phosphorus and calcium bioavailability in healthy volunteers. Nutrition Research, 2021, 85, 71-83.	2.9	3
36	Phosphorus homeostasis and related disorders. , 2020, , 469-507.		1

#	Article	IF	Citations
37	Phosphorus bioaccessibility measured in four amino acidâ€“basedÂ formulas using in-vitro batch digestion translates well into phosphorus bioavailability in mice. Nutrition, 2021, 89, 111291.	2.4	0