

Annette Hammes

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,053
citations

516710

16
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

3007
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Two Splice Variants of the Wilms' Tumor 1 Gene Have Distinct Functions during Sex Determination and Nephron Formation. <i>Cell</i> , 2001, 106, 319-329. | 28.9 | 479 |
| 2 | Role of Endocytosis in Cellular Uptake of Sex Steroids. <i>Cell</i> , 2005, 122, 751-762. | 28.9 | 368 |
| 3 | Cerebrovascular dysfunction and microcirculation rarefaction precede white matter lesions in a mouse genetic model of cerebral ischemic small vessel disease. <i>Journal of Clinical Investigation</i> , 2010, 120, 433-445. | 8.2 | 293 |
| 4 | LRP2/megalin is required for patterning of the ventral telencephalon. <i>Development (Cambridge)</i> , 2005, 132, 405-414. | 2.5 | 157 |
| 5 | LRP2 in ependymal cells regulates BMP signaling in the adult neurogenic niche. <i>Journal of Cell Science</i> , 2010, 123, 1922-1930. | 2.0 | 131 |
| 6 | LRP2 Is an Auxiliary SHH Receptor Required to Condition the Forebrain Ventral Midline for Inductive Signals. <i>Developmental Cell</i> , 2012, 22, 268-278. | 7.0 | 104 |
| 7 | Overexpression of the Sarcolemmal Calcium Pump in the Myocardium of Transgenic Rats. <i>Circulation Research</i> , 1998, 83, 877-888. | 4.5 | 100 |
| 8 | Mutation of megalin leads to urinary loss of selenoprotein P and selenium deficiency in serum, liver, kidneys and brain. <i>Biochemical Journal</i> , 2010, 431, 103-111. | 3.7 | 70 |
| 9 | Lipoproteins and their receptors in embryonic development: more than cholesterol clearance. <i>Development (Cambridge)</i> , 2007, 134, 3239-3249. | 2.5 | 64 |
| 10 | LRP2 Acts as SHH Clearance Receptor to Protect the Retinal Margin from Mitogenic Stimuli. <i>Developmental Cell</i> , 2015, 35, 36-48. | 7.0 | 48 |
| 11 | LRP2 mediates folate uptake in the developing neural tube. <i>Journal of Cell Science</i> , 2014, 127, 2261-8. | 2.0 | 41 |
| 12 | Loss of Lrp2 in zebrafish disrupts pronephric tubular clearance but not forebrain development. <i>Developmental Dynamics</i> , 2011, 240, 1567-1577. | 1.8 | 37 |
| 13 | Bimodal antagonism of PKA signalling by ARHGAP36. <i>Nature Communications</i> , 2016, 7, 12963. | 12.8 | 33 |
| 14 | Expression of the Plasma Membrane Ca ²⁺ -ATPase in Myogenic Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 30816-30822. | 3.4 | 24 |
| 15 | Endocytic receptor-mediated control of morphogen signaling. <i>Development (Cambridge)</i> , 2012, 139, 4311-4319. | 2.5 | 24 |
| 16 | Neural tube closure requires the endocytic receptor Lrp2 and its functional interaction with intracellular scaffolds. <i>Development (Cambridge)</i> , 2021, 148, . | 2.5 | 24 |
| 17 | The soluble intracellular domain of megalin does not affect renal proximal tubular function in vivo. <i>Kidney International</i> , 2010, 78, 473-477. | 5.2 | 19 |
| 18 | Overexpression of sarcolemmal calcium pump attenuates induction of cardiac gene expression in response to ET-1. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R699-R705. | 1.8 | 15 |

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|----|---|-----|-----------|
| 19 | Identification of disease-relevant modulators of the SHH pathway in the developing brain. <i>Development (Cambridge)</i> , 2021, 148, . | 2.5 | 11 |
| 20 | Identification of novel regulators of developmental hematopoiesis using Endoglin regulatory elements as molecular probes. <i>Blood</i> , 2016, 128, 1928-1939. | 1.4 | 6 |
| 21 | Early Gonadal Development: Exploring Wt1 and Sox9 Function. <i>Novartis Foundation Symposium</i> , 2008, , 23-34. | 1.1 | 5 |
| 22 | LRP2 in ependymal cells regulates BMP signaling in the adult neurogenic niche. <i>Development (Cambridge)</i> , 2010, 137, e1-e1. | 2.5 | 0 |
| 23 | Editorial: The Long Road to Building a Head: Smooth Travels and Accidents on the Journey From Patterning via Morphogenesis to Phenotype. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 895497. | 3.7 | 0 |