

Luise Anne Cullen-McEwen

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,282
citations

430874

18
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

1303
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The ability of remaining glomerular podocytes to adapt to the loss of their neighbours decreases with age. <i>Cell and Tissue Research</i> , 2022, 388, 439-451. | 2.9 | 3 |
| 2 | Podometrics in Japanese Living Donor Kidneys: Associations with Nephron Number, Age, and Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1187-1199. | 6.1 | 13 |
| 3 | Podocyte endowment and the impact of adult body size on kidney health. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F322-F334. | 2.7 | 10 |
| 4 | Analysis of structure and gene expression in developing kidneys of male and female rats exposed to low protein diets in utero. <i>Anatomical Record</i> , 2020, 303, 2657-2667. | 1.4 | 4 |
| 5 | Maternal hypoxia developmentally programs low podocyte endowment in male, but not female offspring. <i>Anatomical Record</i> , 2020, 303, 2668-2678. | 1.4 | 12 |
| 6 | Moderate prenatal ethanol exposure in the rat promotes kidney cell apoptosis, nephron deficits, and sex-specific kidney dysfunction in adult offspring. <i>Anatomical Record</i> , 2020, 303, 2632-2645. | 1.4 | 6 |
| 7 | Normal foetal kidney volume in offspring of women treated for gestational diabetes. <i>Endocrinology, Diabetes and Metabolism</i> , 2019, 2, e00091. | 2.4 | 3 |
| 8 | Impaired SIRT1 activity leads to diminution in glomerular endowment without accelerating age-associated GFR decline. <i>Physiological Reports</i> , 2019, 7, e14044. | 1.7 | 4 |
| 9 | mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 69 |
| 10 | Renal dysfunction in early adulthood following birth asphyxia in male spiny mice, and its amelioration by maternal creatine supplementation during pregnancy. <i>Pediatric Research</i> , 2017, 81, 646-653. | 2.3 | 14 |
| 11 | New insights on glomerular hyperfiltration: a Japanese autopsy study. <i>JCI Insight</i> , 2017, 2, . | 5.0 | 57 |
| 12 | Maternal Fat Feeding Augments Offspring Nephron Endowment in Mice. <i>PLoS ONE</i> , 2016, 11, e0161578. | 2.5 | 17 |
| 13 | Human podocyte depletion in association with older age and hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F656-F668. | 2.7 | 55 |
| 14 | Maternal glucose intolerance reduces offspring nephron endowment and increases glomerular volume in adult offspring. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 816-826. | 4.0 | 19 |
| 15 | Validation of a Three-Dimensional Method for Counting and Sizing Podocytes in Whole Glomeruli. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3093-3104. | 6.1 | 59 |
| 16 | Podocyte Number in Children and Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2277-2288. | 6.1 | 61 |
| 17 | Transgenerational programming of fetal nephron deficits and sex-specific adult hypertension in rats. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1032. | 0.4 | 35 |
| 18 | Why and how we determine nephron number. <i>Pediatric Nephrology</i> , 2014, 29, 575-580. | 1.7 | 35 |

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|----|---|-----|-----------|
| 19 | MRI-based glomerular morphology and pathology in whole human kidneys. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F1381-F1390. | 2.7 | 87 |
| 20 | Imaging Tools for Analysis of the Ureteric Tree in the Developing Mouse Kidney. <i>Methods in Molecular Biology</i> , 2014, 1075, 305-320. | 0.9 | 2 |
| 21 | Altered Ureteric Branching Morphogenesis and Nephron Endowment in Offspring of Diabetic and Insulin-Treated Pregnancy. <i>PLoS ONE</i> , 2013, 8, e58243. | 2.5 | 55 |
| 22 | Mechanism of alcohol-induced impairment in renal development: Could it be reduced by retinoic acid?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 807-813. | 1.9 | 24 |
| 23 | Estimating Nephron Number in the Developing Kidney Using the Physical Disector/Fractionator Combination. <i>Methods in Molecular Biology</i> , 2012, 886, 109-119. | 0.9 | 25 |
| 24 | Estimating Total Nephron Number in the Adult Kidney Using the Physical Disector/Fractionator Combination. <i>Methods in Molecular Biology</i> , 2012, 886, 333-350. | 0.9 | 46 |
| 25 | A design-based method for estimating glomerular number in the developing kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1448-F1453. | 2.7 | 42 |
| 26 | Glomerular surface area is normalized in mice born with a nephron deficit: no role for AT1 receptors. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F583-F589. | 2.7 | 11 |
| 27 | Combined prenatal and postnatal protein restriction influences adult kidney structure, function, and arterial pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R462-R469. | 1.8 | 102 |
| 28 | Effects of dexamethasone exposure on rat metanephric development: in vitro and in vivo studies. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F548-F554. | 2.7 | 61 |
| 29 | Prenatal corticosterone exposure results in altered AT ₁ /AT ₂ , nephron deficit and hypertension in the rat offspring. <i>Journal of Physiology</i> , 2007, 579, 503-513. | 2.9 | 125 |
| 30 | The Where, What and Why of the Developing Renal Stroma. <i>Nephron Experimental Nephrology</i> , 2005, 99, e1-e8. | 2.2 | 49 |
| 31 | Nephron Number, Renal Function, and Arterial Pressure in Aged GDNF Heterozygous Mice. <i>Hypertension</i> , 2003, 41, 335-340. | 2.7 | 159 |
| 32 | Quantitation of 3D ureteric branching morphogenesis in cultured embryonic mouse kidney. <i>International Journal of Developmental Biology</i> , 2002, 46, 1049-55. | 0.6 | 14 |
| 33 | Transforming growth factor-beta superfamily members: roles in branching morphogenesis in the kidney. <i>Nephrology</i> , 2001, 6, 274-284. | 1.6 | 4 |