# Sandra Merscher

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 2,138 citations | 361413 20 h-index | 345221 36 g-index |
| 38 all docs | 38 docs citations | 38 times ranked | 2722 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Adaptive and maladaptive roles of lipid droplets in health and disease. American Journal of Physiology - Cell Physiology, 2022, 322, C468-C481. | 4.6 | 13 |
| 2 | Sphingomyelin phosphodiesterase acid like 3B (SMPDL3b) regulates Perilipin5 (PLIN5) expression and mediates lipid droplet formation. Genes and Diseases, 2022, 9, 1397-1400. | 3.4 | 4 |
| 3 | Glucose- and Non-Glucose-Induced Mitochondrial Dysfunction in Diabetic Kidney Disease. Biomolecules, 2022, 12, 351. | 4.0 | 13 |
| 4 | Implications of Sphingolipid Metabolites in Kidney Diseases. International Journal of Molecular Sciences, 2022, 23, 4244. | 4.1 | 13 |
| 5 | Discoidin domain receptor 1 activation links extracellular matrix to podocyte lipotoxicity in Alport syndrome. EBioMedicine, 2021, 63, 103162. | 6.1 | 27 |
| 6 | APOL1 risk variants affect podocyte lipid homeostasis and energy production in focal segmental glomerulosclerosis. Human Molecular Genetics, 2021, 30, 182-197. | 2.9 | 27 |
| 7 | Noninvasive assessment of radiation-induced renal injury in mice. International Journal of Radiation Biology, 2021, 97, 664-674. | 1.8 | 5 |
| 8 | Nicotine, smoking, podocytes, and diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2021, 320, F442-F453. | 2.7 | 13 |
| 9 | New insights into renal lipid dysmetabolism in diabetic kidney disease. World Journal of Diabetes, 2021, 12, 524-540. | 3.5 | 37 |
| 10 | DACH1 as a multifaceted and potentially druggable susceptibility factor for kidney disease. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 1 |
| 11 | Use of Lipid-Modifying Agents for the Treatment of Glomerular Diseases. Journal of Personalized Medicine, 2021, 11, 820. | 2.5 | 6 |
| 12 | Compounds targeting OSBPL7 increase ABCA1-dependent cholesterol efflux preserving kidney function in two models of kidney disease. Nature Communications, 2021, 12, 4662. | 12.8 | 24 |
| 13 | Sphingosine-1-Phosphate Metabolism and Signaling in Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2021, 32, 9-31. | 6.1 | 24 |
| 14 | Lipid Metabolism Gets in a JAML during Kidney Disease. Cell Metabolism, 2020, 32, 903-905. | 16.2 | 5 |
| 15 | The Vicious Cycle of Renal Lipotoxicity and Mitochondrial Dysfunction. Frontiers in Physiology, 2020, 11, 732. | 2.8 | 29 |
| 16 | Sterol-O-acyltransferase-1 has a role in kidney disease associated with diabetes and Alport syndrome. Kidney International, 2020, 98, 1275-1285. | 5.2 | 27 |
| 17 | Lipid deposition and metaflammation in diabetic kidney disease. Current Opinion in Pharmacology, 2020, 55, 60-72. | 3.5 | 14 |
| 18 | Role of Sphingolipid Signaling in Glomerular Diseases: Focus on DKD and FSGS. , 2020, 1, 56-69. | | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Regulation of the amount of ceramide-1-phosphate synthesized in differentiated human podocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 158517. | 2.4 | 26 |
| 20 | Identification of glomerular and podocyte-specific genes and pathways activated by sera of patients with focal segmental glomerulosclerosis. PLoS ONE, 2019, 14, e0222948. | 2.5 | 18 |
| 21 | Detection and Quantification of Lipid Droplets in Differentiated Human Podocytes. Methods in Molecular Biology, 2019, 1996, 199-206. | 0.9 | 8 |
| 22 | APOL1 renal risk variants promote cholesterol accumulation in tissues and cultured macrophages from APOL1 transgenic mice. PLoS ONE, 2019, 14, e0211559. | 2.5 | 39 |
| 23 | ATP-binding cassette A1 deficiency causes cardiolipin-driven mitochondrial dysfunction in podocytes. Journal of Clinical Investigation, 2019, 129, 3387-3400. | 8.2 | 103 |
| 24 | Editorial: Molecular Mechanisms of Proteinuria. Frontiers in Medicine, 2018, 5, 300. | 2.6 | 1 |
| 25 | Hydroxypropyl-Î²-cyclodextrin protects from kidney disease in experimental Alport syndrome and focal segmental glomerulosclerosis. Kidney International, 2018, 94, 1151-1159. | 5.2 | 56 |
| 26 | Abstract 4161: Protecting Sphingomyelin Phosphodiesterase Acid Like 3B (SMPDL3b) enhances kidney function and reduces concurrent chemoradiotherapy-induced nephrotoxicity. , 2018, , . | | 0 |
| 27 | Nephrin Contributes to Insulin Secretion and Affects Mammalian Target of Rapamycin Signaling Independently of Insulin Receptor. Journal of the American Society of Nephrology: JASN, 2016, 27, 1029-1041. | 6.1 | 17 |
| 28 | Local TNF causes NFATc1-dependent cholesterol-mediated podocyte injury. Journal of Clinical Investigation, 2016, 126, 3336-3350. | 8.2 | 123 |
| 29 | Sphingomyelinase-Like Phosphodiesterase 3b Expression Levels Determine Podocyte Injury Phenotypes in Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2015, 26, 133-147. | 6.1 | 119 |
| 30 | Pharmacological targeting of actin-dependent dynamin oligomerization ameliorates chronic kidney disease in diverse animal models. Nature Medicine, 2015, 21, 601-609. | 30.7 | 100 |
| 31 | Metabolism, Energetics, and Lipid Biology in the Podocyte Ã¢â‚¬â€œ Cellular Cholesterol-Mediated Glomerular Injury. Frontiers in Endocrinology, 2014, 5, 169. | 3.5 | 32 |
| 32 | Podocyte Pathology and Nephropathy Ã¢â‚¬â€œ Sphingolipids in Glomerular Diseases. Frontiers in Endocrinology, 2014, 5, 127. | 3.5 | 83 |
| 33 | Lipid biology of the podocyteâ€”new perspectives offer new opportunities. Nature Reviews Nephrology, 2014, 10, 379-388. | 9.6 | 91 |
| 34 | Behavior of mice with mutations in the conserved region deleted in velocardiofacial/DiGeorge syndrome. Neurogenetics, 2006, 7, 247-257. | 1.4 | 70 |
| 35 | TBX1 Is Responsible for Cardiovascular Defects in Velo-Cardio-Facial/DiGeorge Syndrome. Cell, 2001, 104, 619-629. | 28.9 | 884 |
| 36 | A 5.5-Mb High-Resolution Integrated Map of Distal 11q13. Genomics, 1997, 39, 340-347. | 2.9 | 8 |

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|---|---|---|---|
| 37 | Identification of New Translocation Breakpoints at 12q13 in Lipomas. Genomics, 1997, 46, 70-77. | 2.9 | 35 |
| 38 | Mapping of the 12q12-q22 Region with Respect to Tumor Translocation Breakpoints. Genomics, 1994, 22, 512-518. | 2.9 | 34 |