

# Diane E Capen

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

1,094  
citations

759233

12  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2614  
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-dividing cell population with high pyruvate dehydrogenase kinase activity regulates metabolic heterogeneity and tumorigenesis in the intestine. <i>Nature Communications</i> , 2022, 13, 1503.	12.8	22
2	Airway stem cells sense hypoxia and differentiate into protective solitary neuroendocrine cells. <i>Science</i> , 2021, 371, 52-57.	12.6	52
3	Cosmc-dependent mucin-type O-linked glycosylation is essential for podocyte function. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F518-F530.	2.7	17
4	Adhesion-GPCR Gpr116 (ADGRF5) expression inhibits renal acid secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26470-26481.	7.1	24
5	Amyloid- $\beta$ 42/40 ratio drives tau pathology in 3D human neural cell culture models of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 1377.	12.8	88
6	Gentamicin-Induced Acute Kidney Injury in an Animal Model Involves Programmed Necrosis of the Collecting Duct. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2097-2115.	6.1	42
7	Meiotic gatekeeper STRA8 suppresses autophagy by repressing Nr1d1 expression during spermatogenesis in mice. <i>PLoS Genetics</i> , 2019, 15, e1008084.	3.5	47
8	Extracellular Adenosine Stimulates Vacuolar ATPase-Dependent Proton Secretion in Medullary Intercalated Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 545-556.	6.1	22
9	Macrophages Facilitate Electrical Conduction in the Heart. <i>Cell</i> , 2017, 169, 510-522.e20.	28.9	703
10	Intercalated Cell Depletion and Vacuolar H <sup>+</sup> -ATPase Mistargeting in an Ae1 R607H Knockin Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1507-1520.	6.1	36
11	Ultrastructural Characterization of the Glomerulopathy in Alport Mice by Helium Ion Scanning Microscopy (HIM). <i>Scientific Reports</i> , 2017, 7, 11696.	3.3	13
12	Deletion of $\beta$ 1-integrin in collecting duct principal cells leads to tubular injury and renal medullary fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1026-F1037.	2.7	27
13	Phenotypic and functional characterization of proangiogenic monocytes. <i>FASEB Journal</i> , 2008, 22, 238.7.	0.5	0
14	Circulating monocytic cells (MCs) and restoration of capillaries lost from the alveolar-capillary membrane. <i>FASEB Journal</i> , 2006, 20, A213.	0.5	1