# E Wolfgang Kuehn

List of Publications by Year
in descending order



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|---|---|---|---|
| 28 papers | 2,085 citations | 394421 19 h-index | 526287 27 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 3457 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TRPP2 and TRPV4 form a polymodal sensory channel complex. Journal of Cell Biology, 2008, 182, 437-447. | 5.2 | 349 |
| 2 | Primary cilia regulate mTORC1 activity and cell size through Lkb1. Nature Cell Biology, 2010, 12, 1115-1122. | 10.3 | 330 |
| 3 | ANKS6 is a central component of a nephronophthisis module linking NEK8 to INVS and NPHP3. Nature Genetics, 2013, 45, 951-956. | 21.4 | 183 |
| 4 | A highly conserved tyrosine of Tim-3 is phosphorylated upon stimulation by its ligand galectin-9. Biochemical and Biophysical Research Communications, 2006, 351, 571-576. | 2.1 | 165 |
| 5 | Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. Nature Cell Biology, 2016, 18, 657-667. | 10.3 | 127 |
| 6 | mTOR and rapamycin in the kidney: signaling and therapeutic implications beyond immunosuppression. Kidney International, 2011, 79, 502-511. | 5.2 | 124 |
| 7 | Crystal structures of IFT70/52 and IFT52/46 provide insight into intraflagellar transport B core complex assembly. Journal of Cell Biology, 2014, 207, 269-282. | 5.2 | 115 |
| 8 | Kidney injury molecule-1 expression in murine polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2002, 283, F1326-F1336. | 2.7 | 111 |
| 9 | Differential role of Rab proteins in ciliary trafficking: Rab23 regulates Smoothened levels. Journal of Cell Science, 2010, 123, 1460-1467. | 2.0 | 103 |
| 10 | Ciliaâ€localized <scp>LKB</scp> 1 regulates chemokine signaling, macrophage recruitment, and tissue homeostasis in the kidney. EMBO Journal, 2018, 37, . | 7.8 | 78 |
| 11 | von Hippel-Lindau: A Tumor Suppressor Links Microtubules to Ciliogenesis and Cancer Development: Figure 1.. Cancer Research, 2007, 67, 4537-4540. | 0.9 | 57 |
| 12 | The ciliary flow sensor and polycystic kidney disease. Nephrology Dialysis Transplantation, 2013, 28, 518-526. | 0.7 | 45 |
| 13 | The Rac1 regulator ELMO controls basal body migration and docking in multiciliated cells through interaction with Ezrin. Development (Cambridge), 2015, 142, 174-184. | 2.5 | 45 |
| 14 | A Cilia Independent Role of Ift88/Polaris during Cell Migration. PLoS ONE, 2015, 10, e0140378. | 2.5 | 42 |
| 15 | Ciliary calcium signaling is modulated by kidney injury molecule-1 (Kim1). Pflugers Archiv European Journal of Physiology, 2007, 453, 819-829. | 2.8 | 32 |
| 16 | Kinesin-2 mediates apical endosome transport during epithelial lumen formation. Cellular Logistics, 2014, 4, e28928. | 0.9 | 30 |
| 17 | Kidney injury molecule 1 (Kim1) is a novel ciliary molecule and interactor of polycystin 2. Biochemical and Biophysical Research Communications, 2007, 364, 861-866. | 2.1 | 26 |
| 18 | Kif3a Guides Microtubular Dynamics, Migration and Lumen Formation of MDCK Cells. PLoS ONE, 2013, 8, e62165. | 2.5 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Loss of PKD1/polycystin-1 impairs lysosomal activity in a CAPN (calpain)-dependent manner. Autophagy, 2021, 17, 2384-2400. | 9.1 | 22 |
| 20 | Flow modulates centriole movements in tubular epithelial cells. Pflugers Archiv European Journal of Physiology, 2008, 456, 1025-1035. | 2.8 | 21 |
| 21 | Efficient genome editing of differentiated renal epithelial cells. Pflugers Archiv European Journal of Physiology, 2017, 469, 303-311. | 2.8 | 17 |
| 22 | Divergent function of polycystin 1 and polycystin 2 in cell size regulation. Biochemical and Biophysical Research Communications, 2020, 521, 290-295. | 2.1 | 12 |
| 23 | Tubular STAT3 Limits Renal Inflammation in Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 1035-1049. | 6.1 | 11 |
| 24 | Prime time for polycystic kidney disease: does one shot of roscovitine bring the cure?. Nephrology Dialysis Transplantation, 2007, 22, 2133-2135. | 0.7 | 9 |
| 25 | The renal inflammatory network of nephronophthisis. Human Molecular Genetics, 2022, 31, 2121-2136. | 2.9 | 5 |
| 26 | Identification of pathological transcription in autosomal dominant polycystic kidney disease epithelia. Scientific Reports, 2021, 11, 15139. | 3.3 | 1 |
| 27 | Ift88, but not Kif3a, is required for establishment of the periciliary membrane compartment. Biochemical and Biophysical Research Communications, 2021, 584, 19-25. | 2.1 | 1 |
| 28 | The Lectin LecB Induces Patches with Basolateral Characteristics at the Apical Membrane to Promote Pseudomonas aeruginosa Host Cell Invasion. MBio, 2022, 13, e0081922. | 4.1 | 1 |