

David M Bryant

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,806
citations

279798

23
h-index

361022

35
g-index

46
all docs

46
docs citations

46
times ranked

5195
citing authors

#	ARTICLE	IF	CITATIONS
1	From cells to organs: building polarized tissue. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 887-901.	37.0	695
2	A molecular network for de novo generation of the apical surface and lumen. <i>Nature Cell Biology</i> , 2010, 12, 1035-1045.	10.3	529
3	The ins and outs of E-cadherin trafficking. <i>Trends in Cell Biology</i> , 2004, 14, 427-434.	7.9	323
4	Molecular Regulation of Lumen Morphogenesis. <i>Current Biology</i> , 2011, 21, R126-R136.	3.9	211
5	A Molecular Switch for the Orientation of Epithelial Cell Polarization. <i>Developmental Cell</i> , 2014, 31, 171-187.	7.0	175
6	EGF induces macropinocytosis and SNX1-modulated recycling of E-cadherin. <i>Journal of Cell Science</i> , 2007, 120, 1818-1828.	2.0	174
7	Rab GTPase-Myo5B complexes control membrane recycling and epithelial polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2789-2794.	7.1	168
8	Role of membrane traffic in the generation of epithelial cell asymmetry. <i>Nature Cell Biology</i> , 2012, 14, 1235-1243.	10.3	150
9	Tumor matrix stiffness promotes metastatic cancer cell interaction with the endothelium. <i>EMBO Journal</i> , 2017, 36, 2373-2389.	7.8	144
10	Regulation of Endocytosis, Nuclear Translocation, and Signaling of Fibroblast Growth Factor Receptor 1 by E-Cadherin. <i>Molecular Biology of the Cell</i> , 2005, 16, 14-23.	2.1	132
11	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. <i>Nature Cell Biology</i> , 2012, 14, 838-849.	10.3	124
12	Nuclear Translocation of Cell-Surface Receptors: Lessons from Fibroblast Growth Factor. <i>Traffic</i> , 2005, 6, 947-953.	2.7	117
13	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. <i>EMBO Reports</i> , 2008, 9, 923-929.	4.5	106
14	Mechanisms of apical-basal axis orientation and epithelial lumen positioning. <i>Trends in Cell Biology</i> , 2015, 25, 476-485.	7.9	92
15	Hypoxic cancer-associated fibroblasts increase NCBP2-AS2/HIAR to promote endothelial sprouting through enhanced VEGF signaling. <i>Science Signaling</i> , 2019, 12, .	3.6	83
16	Complex Polarity: Building Multicellular Tissues Through Apical Membrane Traffic. <i>Traffic</i> , 2016, 17, 1244-1261.	2.7	79
17	A kinase cascade leading to Rab11-FIP5 controls transcytosis of the polymeric immunoglobulin receptor. <i>Nature Cell Biology</i> , 2010, 12, 1143-1153.	10.3	76
18	Fam49/CYR1 interacts with Rac1 and locally suppresses protrusions. <i>Nature Cell Biology</i> , 2018, 20, 1159-1171.	10.3	64

#	ARTICLE	IF	CITATIONS
19	The phospholipid PI(3,4)P2 is an apical identity determinant. <i>Nature Communications</i> , 2018, 9, 5041.	12.8	54
20	p120 catenin is required for normal renal tubulogenesis and glomerulogenesis. <i>Development (Cambridge)</i> , 2011, 138, 2099-2109.	2.5	50
21	Host Cell Polarity Proteins Participate in Innate Immunity to <i>Pseudomonas aeruginosa</i> Infection. <i>Cell Host and Microbe</i> , 2014, 15, 636-643.	11.0	47
22	<i>Pseudomonas aeruginosa</i> interacts with epithelial cells rapidly forming aggregates that are internalized by a Lyn-dependent mechanism. <i>Cellular Microbiology</i> , 2011, 13, 1212-1222.	2.1	35
23	Developing renal tubules orient cell division via Afadin to position the tubule lumen. <i>Development (Cambridge)</i> , 2017, 144, 3511-3520.	2.5	27
24	Role of CD34 family members in lumen formation in the developing kidney. <i>Developmental Biology</i> , 2016, 418, 66-74.	2.0	23
25	An ARF GTPase module promoting invasion and metastasis through regulating phosphoinositide metabolism. <i>Nature Communications</i> , 2021, 12, 1623.	12.8	18
26	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition. <i>Cellular Signalling</i> , 2017, 40, 91-98.	3.6	16
27	A functional genomics screen reveals a strong synergistic effect between docetaxel and the mitotic gene DLGAP5 that is mediated by the androgen receptor. <i>Cell Death and Disease</i> , 2018, 9, 1069.	6.3	15
28	The MSP-ERON axis stimulates cancer cell growth in models of triple negative breast cancer. <i>Molecular Oncology</i> , 2020, 14, 1868-1880.	4.6	15
29	FGFR2b activating mutations disrupt cell polarity to potentiate migration and invasion in endometrial cancer. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	14
30	Inflationary pressures. <i>Nature</i> , 2007, 449, 549-550.	27.8	13
31	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumorigenesis. <i>ELife</i> , 2021, 10, .	6.0	13
32	Par3 integrates Tiam1 and phosphatidylinositol 3-kinase signaling to change apical membrane identity. <i>Molecular Biology of the Cell</i> , 2017, 28, 252-260.	2.1	12
33	Reduced Immunoglobulin A Transcytosis Associated with Immunoglobulin A Nephropathy and Nasopharyngeal Carcinoma. <i>Journal of Biological Chemistry</i> , 2011, 286, 44921-44925.	3.4	7
34	Editorial overview: Membrane traffic and cell polarity. <i>Traffic</i> , 2016, 17, 1231-1232.	2.7	2
35	Conversations with LGBT+ scientists about visibility, leadership and climbing the career ladder. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	1
36	p120 catenin is required for normal renal tubulogenesis and glomerulogenesis. <i>Development (Cambridge)</i> , 2011, 138, 2632-2632.	2.5	0

#	ARTICLE	IF	CITATIONS
37	Meeting report ^ Intercellular interactions in context: towards a mechanistic understanding of cells in organs. Journal of Cell Science, 2017, 130, 2083-2085.	2.0	0
38	Cell scientist to watch^David Bryant. Journal of Cell Science, 2018, 131, .	2.0	0
39	The Use of Three-Dimensional Cell Culture to Study Apicobasal Polarization and. Methods in Molecular Biology, 2022, 2438, 439-454.	0.9	0