

# Kjeld MÃ,llgÃ¥rd

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,692  
citations

186265

28  
h-index

189892

50  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Markers for blood-brain barrier integrity: how appropriate is Evans blue in the twenty-first century and what are the alternatives?. <i>Frontiers in Neuroscience</i> , 2015, 9, 385.	2.8	237
2	The rights and wrongs of blood-brain barrier permeability studies: a walk through 100 years of history. <i>Frontiers in Neuroscience</i> , 2014, 8, 404.	2.8	179
3	The meninges as barriers and facilitators for the movement of fluid, cells and pathogens related to the rodent and human CNS. <i>Acta Neuropathologica</i> , 2018, 135, 363-385.	7.7	154
4	THE DEVELOPMENT OF THE HUMAN BLOOD-BRAIN AND BLOOD-CSF BARRIERS. <i>Neuropathology and Applied Neurobiology</i> , 1986, 12, 337-358.	3.2	152
5	Synthesis and localization of plasma proteins in the developing human brain. <i>Developmental Biology</i> , 1988, 128, 207-221.	2.0	121
6	The biological significance of brain barrier mechanisms: help or hindrance in drug delivery to the central nervous system?. <i>F1000Research</i> , 2016, 5, 313.	1.6	104
7	The inner CSF-brain barrier: developmentally controlled access to the brain via intercellular junctions. <i>Frontiers in Neuroscience</i> , 2015, 9, 16.	2.8	92
8	The primary cilium coordinates early cardiogenesis and hedgehog signaling in cardiomyocyte differentiation. <i>Journal of Cell Science</i> , 2009, 122, 3070-3082.	2.0	91
9	PDGF-B Is Required for Development of the Glymphatic System. <i>Cell Reports</i> , 2019, 26, 2955-2969.e3.	6.4	89
10	Cell junctions and membrane specializations in the ventricular zone (germinal matrix) of the developing sheep brain: A CSF-brain barrier. <i>Journal of Neurocytology</i> , 1987, 16, 433-444.	1.5	88
11	YKL-40 Protein Expression in the Early Developing Human Musculoskeletal System. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1213-1228.	2.5	86
12	In vitro characterization of a human neural progenitor cell coexpressing SSEA4 and CD133. <i>Journal of Neuroscience Research</i> , 2007, 85, 250-259.	2.9	83
13	Outer brain barriers in rat and human development. <i>Frontiers in Neuroscience</i> , 2015, 9, 75.	2.8	82
14	Physiology and molecular biology of barrier mechanisms in the fetal and neonatal brain. <i>Journal of Physiology</i> , 2018, 596, 5723-5756.	2.9	82
15	Human primordial germ cells migrate along nerve fibers and Schwann cells from the dorsal hind gut mesentery to the gonadal ridge. <i>Molecular Human Reproduction</i> , 2010, 16, 621-631.	2.8	73
16	Mechanisms That Determine the Internal Environment of the Developing Brain: A Transcriptomic, Functional and Ultrastructural Approach. <i>PLoS ONE</i> , 2013, 8, e65629.	2.5	65
17	The developing neuroepithelium in human embryonic and fetal brain studied with vimentin-immunocytochemistry. <i>Anatomy and Embryology</i> , 1989, 180, 17-28.	1.5	64
18	Molecular Characterisation of Transport Mechanisms at the Developing Mouse Blood-CSF Interface: A Transcriptome Approach. <i>PLoS ONE</i> , 2012, 7, e33554.	2.5	61

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19	Immunohistochemical identification of some plasma proteins in human embryonic and fetal forebrain with particular reference to the development of the neocortex. <i>Developmental Brain Research</i> , 1984, 13, 49-63.	1.7	58
20	CSF-Brain permeability in the immature sheep fetus: A CSF-brain barrier. <i>Developmental Brain Research</i> , 1985, 18, 113-124.	1.7	58
21	Brain barriers and functional interfaces with sequential appearance of ABC efflux transporters during human development. <i>Scientific Reports</i> , 2017, 7, 11603.	3.3	57
22	Differential immunocytochemical staining for fetuin and transferrin in the developing cortical plate. <i>Journal of Neurocytology</i> , 1984, 13, 497-502.	1.5	45
23	Intracellular plasma proteins in human fetal choroid plexus during development II. The distribution of prealbumin, albumin, alpha-fetoprotein, transferrin, IgG, IgA, IgM, and alpha1-antitrypsin. <i>Developmental Brain Research</i> , 1982, 3, 251-262.	1.7	37
24	Influx mechanisms in the embryonic and adult rat choroid plexus: a transcriptome study. <i>Frontiers in Neuroscience</i> , 2015, 9, 123.	2.8	37
25	Astroglialogenesis in human fetal brain: complex spatiotemporal immunoreactivity patterns of <sc>GFAP</sc>, S100, <sc>AQP</sc>4 and <sc>YKL</sc>40. <i>Journal of Anatomy</i> , 2019, 235, 590-615.	1.5	37
26	YKL-40 Is Differentially Expressed in Human Embryonic Stem Cells and in Cell Progeny of the Three Germ Layers. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 188-204.	2.5	36
27	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. <i>Nature Communications</i> , 2020, 11, 5816.	12.8	34
28	Recent Developments in Understanding Barrier Mechanisms in the Developing Brain: Drugs and Drug Transporters in Pregnancy, Susceptibility or Protection in the Fetal Brain?. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 487-505.	9.4	33
29	Cellular Specificity of the Blood-CSF Barrier for Albumin Transfer across the Choroid Plexus Epithelium. <i>PLoS ONE</i> , 2014, 9, e106592.	2.5	32
30	Development of spinal cord in the isolated CNS of a neonatal mammal (the opossum <i>Monodelphis domestica</i> ). <i>Development</i> , 1981, 88, 101-110.	1.5	31
31	Ontogenetic development of diffusional restriction to protein at the pial surface of the rat brain: an electron microscopical study. <i>Journal of Neurocytology</i> , 1997, 26, 133-148.	1.5	28
32	Neuroserpin expression during human brain development and in adult brain revealed by immunohistochemistry and single cell <sc>RNA</sc> sequencing. <i>Journal of Anatomy</i> , 2019, 235, 543-554.	1.5	28
33	Glial cell differentiation in neuron-free and neuron-rich regions. <i>Anatomy and Embryology</i> , 1991, 184, 559-569.	1.5	25
34	Proteolytic processing of anti-Müllerian hormone differs between human fetal testes and adult ovaries. <i>Molecular Human Reproduction</i> , 2015, 21, 571-582.	2.8	23
35	Glial cell differentiation in neuron-free and neuron-rich regions. <i>Anatomy and Embryology</i> , 1991, 184, 549-558.	1.5	22
36	Aquaporin 1 and the Na <sup>+</sup> /K <sup>+</sup> /2Cl <sup>-</sup> cotransporter 1 are present in the leptomeningeal vasculature of the adult rodent central nervous system. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 15.	5.0	21

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37	The E3 ubiquitin ligase SMURF1 regulates cell-fate specification and outflow tract septation during mammalian heart development. <i>Scientific Reports</i> , 2018, 8, 9542.	3.3	20
38	Epigenetic remodelling and dysregulation of DLGAP4 is linked with early-onset cerebellar ataxia. <i>Human Molecular Genetics</i> , 2014, 23, 6163-6176.	2.9	19
39	Developmental differences in the expression of ABC transporters at rat brain barrier interfaces following chronic exposure to diallyl sulfide. <i>Scientific Reports</i> , 2019, 9, 5998.	3.3	18
40	Brain Barriers and a Subpopulation of Astroglial Progenitors of Developing Human Forebrain Are Immunostained for the Glycoprotein YKL-40. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 369-388.	2.5	15
41	The subcellular distribution of transferrin in rat choroid plexus studied with immunogold labelling of ultracyrosections. <i>The Histochemical Journal</i> , 1989, 21, 441-448.	0.6	14
42	Human Embryonic Stem Cell-Derived Cardiomyocytes Self-Arrange with Areas of Different Subtypes During Differentiation. <i>Stem Cells and Development</i> , 2017, 26, 1566-1577.	2.1	14
43	Onset of neocortical synaptogenesis in neonatal <i>Monodelphis domestica</i> (South American grey) <i>Tj ETQq1 1 0,784314 rgBT /O</i>	1.2	11
44	INTRACELLULAR LOCALIZATION OF SOME PLASMA PROTEINS IN HUMAN EMBRYONIC AND FETAL BRAIN WITH SPECIAL REFERENCE TO THE DEVELOPING CEREBELLUM. <i>Annals of the New York Academy of Sciences</i> , 1983, 417, 330-343.	3.8	10
45	<sc>SSEA</sc> and <sc>YKL</sc> positive progenitor subtypes in the subventricular zone of developing human neocortex. <i>Glia</i> , 2016, 64, 90-104.	4.9	9
46	Permeability of blood-cerebrospinal fluid barrier during foetal and perinatal life. <i>Nature</i> , 1976, 262, 156-156.	27.8	5
47	Reply: Methodological considerations in measuring different AMH splice forms using ELISA: validity of proAMH ELISA. <i>Molecular Human Reproduction</i> , 2016, 22, 374-375.	2.8	3
48	Comparison of Cultured Human Cardiomyocyte Clusters Obtained from Embryos/Fetuses or Derived from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2019, 28, 608-619.	2.1	2
49	General Introduction to Barrier Mechanisms in the Central Nervous System. , 2017, , 1-22.		1
50	The Origin of a New Progenitor Stem Cell Group in Human Development. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2019, 230, 1-70.	1.6	1
51	ANGI-05CORRELATION BETWEEN VEGF AND YKL-40 TISSUE EXPRESSION AND PLASMA LEVELS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, v41.5-v42.	1.2	0