Nandor Nagy

List of Publications by Year
in descending order

81 papers	2,254 citations	186209 28 h-index	254106 43 g-index
86 all docs	86 docs citations	86 times ranked	1970 citing authors

#	Article	IF	Citations
1	Systematic transcriptomic and phenotypic characterization of human and murine cardiac myocyte cell lines and primary cardiomyocytes reveals serious limitations and low resemblances to adult cardiac phenotype. Journal of Molecular and Cellular Cardiology, 2022, 165, 19-30.	0.9	38
2	Development of the avian hematopoietic and immune systems. , 2022, , 45-69.		2
3	Structure of the avian lymphoid system. , 2022, , 11-44.		5
4	The bursal secretory dendritic cell (BSDC) and the enigmatic chB6+ macrophage-like cell (Mal). Poultry Science, 2022, 101, 101727.	1.5	5
5	Characterization and functional properties of a novel monoclonal antibody which identifies a B cell subpopulation in bursa of Fabricius. Poultry Science, 2022, 101, 101711.	1.5	0
6	The morphology and differentiation of stromal cells in the cortex of follicles in the bursa of fabricius of the chicken. Anatomical Record, 2022, , .	0.8	1
7	Efficient treatment of a preclinical inflammatory bowel disease model with engineered bacteria. Molecular Therapy - Methods and Clinical Development, 2021, 20, 218-226.	1.8	11
8	Mutation in the Ciliary Protein C2CD3 Reveals Organ-Specific Mechanisms of Hedgehog Signal Transduction in Avian Embryos. Journal of Developmental Biology, 2021, 9, 12.	0.9	4
9	Infection of bursal disease virus abrogates the extracellular glycoprotein in the follicular medulla. Poultry Science, 2021, 100, 101000.	1.5	4
10	Evidence of a Myenteric Plexus Barrier and Its Macrophage-Dependent Degradation During Murine Colitis: Implications in Enteric Neuroinflammation. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1617-1641.	2.3	33
11	Enteric mesenchymal cells support the growth of postnatal enteric neural stem cells. Stem Cells, 2021, 39, 1236-1252.	1.4	20
12	Avian ceca are indispensable for hindgut enteric nervous system development. Development (Cambridge), 2021, 148, .	1.2	6
13	TALPID3/KIAA0586 Regulates Multiple Aspects of Neuromuscular Patterning During Gastrointestinal Development in Animal Models and Human. Frontiers in Molecular Neuroscience, 2021, 14, 757646.	1.4	3
14	Foliate Lymphoid Aggregates as Novel Forms of Serous Lymphocyte Entry Sites of Peritoneal B Cells and High-Grade B Cell Lymphomas. Journal of Immunology, 2020, 204, 23-36.	0.4	7
15	RET overactivation leads to concurrent Hirschsprung disease and intestinal ganglioneuromas. Development (Cambridge), 2020, 147, .	1.2	10
16	In and Out of the Bursaâ€"The Role of CXCR4 in Chicken B Cell Development. Frontiers in Immunology, 2020, 11, 1468.	2.2	13
17	The enteric neural crest progressively loses capacity to form enteric nervous system. Developmental Biology, 2019, 446, 34-42.	0.9	11
18	Effect of IBDV infection on the interfollicular epithelium of chicken bursa of Fabricius. Poultry Science, 2019, 98, 3464-3470.	1.5	4

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19	Collagen 18 and agrin are secreted by enteric neural crest cells to remodel their microenvironment and regulate their migration during ENS development. Development (Cambridge), 2018, 145, .	1.2	42
20	Presence of cardiomyocytes exhibiting Purkinje-type morphology and prominent connexin45 immunoreactivity in the myocardial sleeves of cardiac veins. Heart Rhythm, 2018, 15, 258-264.	0.3	14
21	Xenotransplantation of human intestine into mouse abdomen or subcutaneous tissue: Novel platforms for the study of the human enteric nervous system. Neurogastroenterology and Motility, 2018, 30, e13212.	1.6	10
22	Intraganglionic macrophages: a new population of cells in the enteric ganglia. Journal of Anatomy, 2018, 233, 401-410.	0.9	22
23	Postnatal human enteric neuronal progenitors can migrate, differentiate, and proliferate in embryonic and postnatal aganglionic gut environments. Pediatric Research, 2017, 81, 838-846.	1.1	40
24	Enteric nervous system development: A crest cellâ€™s journey from neural tube to colon. Seminars in Cell and Developmental Biology, 2017, 66, 94-106.	2.3	163
25	Intestinal smooth muscle is required for patterning the enteric nervous system. Journal of Anatomy, 2017, 230, 567-574.	0.9	21
26	Ontogeny of ramified CD45 cells in chicken embryo and their contribution to bursal secretory dendritic cells. Cell and Tissue Research, 2017, 368, 353-370.	1.5	19
27	Type Three Secretion System-Dependent Microvascular Thrombosis and Ischemic Enteritis in Human Gut Xenografts Infected with Enteropathogenic Escherichia coli. Infection and Immunity, 2017, 85, .	1.0	14
28	Colitis promotes neuronal differentiation of Sox2+ and PLP1+ enteric cells. Scientific Reports, 2017, 7, 2525.	1.6	69
29	Identification of the gene product recognized by monoclonal antibody GIIF3. Poultry Science, 2017, 96, 474-477.	1.5	1
30	Type IV collagen drives alveolar epithelialâ€“endothelial association and the morphogenetic movements of septation. BMC Biology, 2016, 14, 59.	1.7	44
31	Isogenic enteric neural progenitor cells can replace missing neurons and glia in mice with Hirschsprung disease. Neurogastroenterology and Motility, 2016, 28, 498-512.	1.6	52
32	Dual secretion locations on type II cells in the avian lung suggest local as well as general roles of surfactant. Journal of Morphology, 2016, 277, 1062-1071.	0.6	7
33	130 SOX2-Expressing Enteric Glia Differentiate Into Neurons in Response to Inflammation. Gastroenterology, 2016, 150, S31.	0.6	0
34	White paper on guidelines concerning enteric nervous system stem cell therapy for enteric neuropathies. Developmental Biology, 2016, 417, 229-251.	0.9	112
35	Optimizing neurogenic potential of enteric neurospheres for treatment of neurointestinal diseases. Journal of Surgical Research, 2016, 206, 451-459.	0.8	18
36	Decellularized Intestinal Scaffolds Support the Survival, Migration, and Differentiation of Enteric Neuronal Progenitor Cells. Journal of the American College of Surgeons, 2016, 223, S146-S147.	0.2	1

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37	Engraftment of enteric neural progenitor cells into the injured adult brain. BMC Neuroscience, 2016, 17, 5.	0.8	13
38	Delivery of enteric neural progenitors with 5-HT4 agonist-loaded nanoparticles and thermosensitive hydrogel enhances cell proliferation and differentiation following transplantation inÂvivo. Biomaterials, 2016, 88, 1-11.	5.7	43
39	Avian dendritic cells: Phenotype and ontogeny in lymphoid organs. Developmental and Comparative Immunology, 2016, 58, 47-59.	1.0	50
40	Ibuprofen slows migration and inhibits bowel colonization by enteric nervous system precursors in zebrafish, chick and mouse. Developmental Biology, 2016, 409, 473-488.	0.9	41
41	Sonic hedgehog controls enteric nervous system development by patterning the extracellular matrix. Journal of Cell Science, 2016, 129, e1.1-e1.1.	1.2	0
42	Endoscopic delivery of enteric neural stem cells to treat Hirschsprung disease. Neurogastroenterology and Motility, 2015, 27, 1509-1514.	1.6	33
43	Colitis Induces Enteric Neurogenesis Through a 5-HT4â€"dependent Mechanism. Inflammatory Bowel Diseases, 2015, 21, 870-878.	0.9	79
44	Sonic hedgehog controls enteric nervous system development by patterning the extracellular matrix. Development (Cambridge), 2015, 143, 264-75.	1.2	46
45	A novel aspect of the structure of the avian thymic medulla. Cell and Tissue Research, 2015, 359, 489-501.	1.5	15
46	Gut Epitheliumâ€derived Sonic Hedgehog Regulates the Extracellular Matrix During Formation of the Intestinal Nervous System. FASEB Journal, 2015, 29, 873.2.	0.2	0
47	Presence of intramucosal neuroglial cells in normal and aganglionic human colon. American Journal of Physiology - Renal Physiology, 2014, 307, G1002-G1012.	1.6	17
48	Development of the Avian Immune System. , 2014, , 45-63.		28
49	Structure of the Avian Lymphoid System. , 2014, , 11-44.		38
50	Enteric neural crest-derived cells promote their migration by modifying their microenvironment through tenascin-C production. Developmental Biology, 2013, 382, 446-456.	0.9	65
51	Nestinâ€expressing cells in the gut give rise to enteric neurons and glial cells. Neurogastroenterology and Motility, 2013, 25, 61.	1.6	47
52	Retrospection to discovery of bursal function and recognition of avian dendritic cells; past and present. Developmental and Comparative Immunology, 2013, 41, 310-315.	1.0	15
53	Expression and function of tenascinâ€C during colorectal enteric nervous system development. FASEB Journal, 2013, 27, 965.4.	0.2	0
54	Chicken dendritic cells and type II pneumocytes express a common intracellular epitope. British Poultry Science, 2012, 53, 397-400.	0.8	5

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55	Immunophenotypic characterization of enteric neural crest cells in the developing avian colorectum. Developmental Dynamics, 2012, 241, 842-851.	0.8	26
56	Epithelial-To-Mesenchymal Transition Induced by Freundâ€™s Adjuvant Treatment in Rat Mesothelial Cells: A Morphological and Immunocytochemical Study. Pathology and Oncology Research, 2012, 18, 641-649.	0.9	12
57	Gdnf is mitogenic, neurotrophic, and chemoattractive to enteric neural crest cells in the embryonic colon. Developmental Dynamics, 2011, 240, 1402-1411.	0.8	39
58	Origin of the chicken splenic reticular cells influences the effect of the infectious bursal disease virus on the extracellular matrix. Avian Pathology, 2011, 40, 199-206.	0.8	18
59	Experimental evidence for the ectodermal origin of the epithelial anlage of the chicken bursa of Fabricius. Development (Cambridge), 2010, 137, 3019-3023.	1.2	40
60	Locally applied testosterone is a novel method to influence the development of the avian bursa of Fabricius. Journal of Immunological Methods, 2009, 343, 97-102.	0.6	9
61	Endothelial cells promote migration and proliferation of enteric neural crest cells via Î²1 integrin signaling. Developmental Biology, 2009, 330, 263-272.	0.9	73
62	Transient decomplementation of mice delays onset of experimental autoimmune encephalomyelitis and impairs MOG-specific T cell response and autoantibody production. Molecular Immunology, 2009, 47, 57-63.	1.0	12
63	09-P081 Experimental evidence for the ectodermal origin of the epithelial anlage of the bursa of Fabricius. Mechanisms of Development, 2009, 126, S174-S175.	1.7	0
64	Novel monoclonal antibodies recognise guinea fowl thrombocytes. Acta Veterinaria Hungarica, 2009, 57, 239-246.	0.2	4
65	Identification of the Avian B-Cell-Specific Bu-1 Alloantigen by a Novel Monoclonal Antibody. Poultry Science, 2008, 87, 351-355.	1.5	28
66	A Bird's Eye View of Enteric Nervous System Development: Lessons From the Avian Embryo. Pediatric Research, 2008, 64, 326-333.	1.1	35
67	Pelvic plexus contributes ganglion cells to the hindgut enteric nervous system. Developmental Dynamics, 2007, 236, 73-83.	0.8	29
68	Pyloric tonsil as a novel gut-associated lymphoepithelial organ of the chicken. Journal of Anatomy, 2007, 211, 407-411.	0.9	23
69	Endothelin-3 regulates neural crest cell proliferation and differentiation in the hindgut enteric nervous system. Developmental Biology, 2006, 293, 203-217.	0.9	132
70	Intestinal coelomic transplants: a novel method for studying enteric nervous system development. Cell and Tissue Research, 2006, 326, 43-55.	1.5	11
71	Peripheral blood fibrocytes contribute to the formation of the avian spleen. Developmental Dynamics, 2005, 232, 55-66.	0.8	31
72	Oesophageal tonsil of the chicken. Acta Veterinaria Hungarica, 2005, 53, 173-188.	0.2	20

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73	BMP signaling is necessary for neural crest cell migration and ganglion formation in the enteric nervous system. Mechanisms of Development, 2005, 122, 821-833.	1.7	145
74	Origin of the bursal secretory dendritic cell. Anatomy and Embryology, 2004, 208, 97-107.	1.5	39
75	Quail as the chimeric counterpart of the chicken: Morphology and ontogeny of the bursa of Fabricius. Journal of Morphology, 2004, 259, 328-339.	0.6	24
76	Extracellular matrix of different composition supports the various splenic compartments of guinea fowl (Numida meleagris). Cell and Tissue Research, 2003, 312, 333-343.	1.5	24
77	Esophageal tonsil: a novel gut-associated lymphoid organ. Poultry Science, 2003, 82, 767-770.	1.5	40
78	Diverse expression of the K-1 antigen by cortico-medullary and reticular epithelial cells of the bursa of Fabricius in chicken and guinea fowl. Developmental and Comparative Immunology, 2002, 26, 481-488.	1.0	13
79	Functional restoration of the bursa of Fabricius following in ovo infectious bursal disease vaccination. Veterinary Immunology and Immunopathology, 2001, 79, 235-248.	0.5	20
80	A novel monoclonal antibody identifies all avian embryonic myogenic cells and adult smooth muscle cells. Anatomy and Embryology, 2001, 204, 123-134.	1.5	6
81	Development of the follicle-associated epithelium and the secretory dendritic cell in the bursa of fabricius of the guinea fowl (Numida meleagris) studied by novel monoclonal antibodies. The Anatomical Record, 2001, 262, 279-292.	2.3	35