

# Tamas Ordog

## List of Publications by Year in descending order

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99  
papers

5,801  
citations

76326

40  
h-index

82547

72  
g-index

105  
all docs

105  
docs citations

105  
times ranked

7637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specialized Mechanosensory Epithelial Cells in Mouse Gut Intrinsic Tactile Sensitivity. <i>Gastroenterology</i> , 2022, 162, 535-547.e13.	1.3	44
2	Oncogenic gene expression and epigenetic remodeling of cis-regulatory elements in ASXL1-mutant chronic myelomonocytic leukemia. <i>Nature Communications</i> , 2022, 13, 1434.	12.8	17
3	Wnt-induced, TRP53-mediated Cell Cycle Arrest of Precursors Underlies Interstitial Cell of Cajal Depletion During Aging. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 117-145.	4.5	9
4	Duodenal mucosal mitochondrial gene expression is associated with delayed gastric emptying in diabetic gastroenteropathy. <i>JCI Insight</i> , 2021, 6, .	5.0	9
5	ZNF416 is a pivotal transcriptional regulator of fibroblast mechanoactivation. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	23
6	Epigenetic alteration contributes to the transcriptional reprogramming in T-cell prolymphocytic leukemia. <i>Scientific Reports</i> , 2021, 11, 8318.	3.3	3
7	Super enhancer regulation of cytokine-induced chemokine production in alcoholic hepatitis. <i>Nature Communications</i> , 2021, 12, 4560.	12.8	37
8	TCF7L2 lncRNA: a link between bipolar disorder and body mass index through glucocorticoid signaling. <i>Molecular Psychiatry</i> , 2021, 26, 7454-7464.	7.9	16
9	p21 produces a bioactive secretome that places stressed cells under immunosurveillance. <i>Science</i> , 2021, 374, eabb3420.	12.6	112
10	Plasma Cell-Free DNA Methylomics of Bipolar Disorder With and Without Rapid Cycling. <i>Frontiers in Neuroscience</i> , 2021, 15, 774037.	2.8	4
11	Time-restricted feeding prevents deleterious metabolic effects of circadian disruption through epigenetic control of I <sup>2</sup> cell function. <i>Science Advances</i> , 2021, 7, eabg6856.	10.3	21
12	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020, 182, 1460-1473.e17.	28.9	217
13	Genomic and Epigenomic Landscaping Defines New Therapeutic Targets for Adenosquamous Carcinoma of the Pancreas. <i>Cancer Research</i> , 2020, 80, 4324-4334.	0.9	36
14	Epigenetic Alterations Are Associated With Gastric Emptying Disturbances in Diabetes Mellitus. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00136.	2.5	5
15	Inferring multimodal latent topics from electronic health records. <i>Nature Communications</i> , 2020, 11, 2536.	12.8	40
16	Translational Opportunities for Microfluidic Technologies to Enable Precision Epigenomics. <i>Analytical Chemistry</i> , 2020, 92, 7989-7997.	6.5	8
17	microRNA overexpression in slow transit constipation leads to reduced Na <sup>+</sup> current and altered smooth muscle contractility. <i>Gut</i> , 2020, 69, 868-876.	12.1	18
18	Gene Body Methylation and Transcriptional Activity in ASXL1-Mutant Chronic Myelomonocytic Leukemia. <i>Blood</i> , 2020, 136, 31-32.	1.4	0

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19	ASXL1-Mutant Chronic Myelomonocytic Leukemia Is Associated with Increased Intratumoral Heterogeneity and Single-Cell Chromatin Co-Accessibility. <i>Blood</i> , 2020, 136, 27-28.	1.4	13
20	TGF $\beta$ <sup>2</sup> -induced fibroblast activation requires persistent and targeted HDAC-mediated gene repression. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	40
21	Chromatin Assembly Factor 1 (CAF-1) facilitates the establishment of facultative heterochromatin during pluripotency exit. <i>Nucleic Acids Research</i> , 2019, 47, 11114-11131.	14.5	35
22	Recurrent MSCE116K mutations in ALK-negative anaplastic large cell lymphoma. <i>Blood</i> , 2019, 133, 2776-2789.	1.4	55
23	Enhanced and controlled chromatin extraction from FFPE tissues and the application to ChIP-seq. <i>BMC Genomics</i> , 2019, 20, 249.	2.8	16
24	Muscularis Propria Macrophages Alter the Proportion of Nitroergic but Not Cholinergic Gastric Myenteric Neurons. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 689-691.e4.	4.5	22
25	Genomic aberrations in cell cycle genes predict progression of KIT-mutant gastrointestinal stromal tumors (GISTs). <i>Clinical Sarcoma Research</i> , 2019, 9, 3.	2.3	26
26	Single Nucleotide Polymorphisms at a Distance from Aryl Hydrocarbon Receptor (AHR) Binding Sites Influence AHR Ligand-Dependent Gene Expression. <i>Drug Metabolism and Disposition</i> , 2019, 47, 983-994.	3.3	13
27	HDAC3 restrains CD8-lineage genes to maintain a bi-potential state in CD4+CD8+ thymocytes for CD4-lineage commitment. <i>ELife</i> , 2019, 8, .	6.0	23
28	CARM1-expressing ovarian cancer depends on the histone methyltransferase EZH2 activity. <i>Nature Communications</i> , 2018, 9, 631.	12.8	72
29	Change in Populations of Macrophages Promotes Development of Delayed Gastric Emptying in Mice. <i>Gastroenterology</i> , 2018, 154, 2122-2136.e12.	1.3	64
30	Distinct epigenetic landscapes underlie the pathobiology of pancreatic cancer subtypes. <i>Nature Communications</i> , 2018, 9, 1978.	12.8	177
31	A droplet microfluidic platform for efficient enzymatic chromatin digestion enables robust determination of nucleosome positioning. <i>Lab on A Chip</i> , 2018, 18, 2583-2592.	6.0	13
32	Association Between Renal Cell Carcinoma and Myelodysplastic Syndromes: Epigenetic Underpinning?. <i>Clinical Genitourinary Cancer</i> , 2018, 16, e1117-e1122.	1.9	1
33	RPA Interacts with HIRA and Regulates H3.3 Deposition at Gene Regulatory Elements in Mammalian Cells. <i>Molecular Cell</i> , 2017, 65, 272-284.	9.7	83
34	Hyperglycemia Increases Interstitial Cells of Cajal via MAPK1 and MAPK3 Signaling to ETV1 and KIT, Leading to Rapid Gastric Emptying. <i>Gastroenterology</i> , 2017, 153, 521-535.e20.	1.3	59
35	Conditional genetic deletion of <i>Ano1</i> in interstitial cells of Cajal impairs Ca <sup>2+</sup> transients and slow waves in adult mouse small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G228-G245.	3.4	72
36	Myosin-1E interacts with FAK proline-rich region 1 to induce fibronectin-type matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3933-3938.	7.1	18

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37	Conserved DNA methylation combined with differential frontal cortex and cerebellar expression distinguishes C9orf72-associated and sporadic ALS, and implicates SERPINA1 in disease. <i>Acta Neuropathologica</i> , 2017, 134, 715-728.	7.7	40
38	Purification of nanogram-range immunoprecipitated DNA in ChIP-seq application. <i>BMC Genomics</i> , 2017, 18, 985.	2.8	34
39	Genome-Wide Epigenetic Studies in Human Disease: A Primer on -Omic Technologies. <i>American Journal of Epidemiology</i> , 2016, 183, kww187.	3.4	23
40	Hedgehog pathway dysregulation contributes to the pathogenesis of human gastrointestinal stromal tumors via GLI-mediated activation of KIT expression. <i>Oncotarget</i> , 2016, 7, 78226-78241.	1.8	29
41	The histone H3.3K36M mutation reprograms the epigenome of chondroblastomas. <i>Science</i> , 2016, 352, 1344-1348.	12.6	211
42	USP51 deubiquitylates H2AK13,15ub and regulates DNA damage response. <i>Genes and Development</i> , 2016, 30, 946-959.	5.9	72
43	Gene expression, methylation and neuropathology correlations at progressive supranuclear palsy risk loci. <i>Acta Neuropathologica</i> , 2016, 132, 197-211.	7.7	49
44	Altered gut microbiota in female mice with persistent low body weights following removal of post-weaning chronic dietary restriction. <i>Genome Medicine</i> , 2016, 8, 103.	8.2	20
45	BET Inhibitors Suppress ALDH Activity by Targeting ALDH1A1 Super-Enhancer in Ovarian Cancer. <i>Cancer Research</i> , 2016, 76, 6320-6330.	0.9	115
46	Interleukin 10 Restores Gastric Emptying, Electrical Activity, and Interstitial Cells of Cajal Networks in Diabetic Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 454-467.	4.5	23
47	Diabetic Csf1op/op Mice Lacking Macrophages Are Protected Against the Development of Delayed Gastric Emptying. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 40-47.	4.5	38
48	FAM96A is a novel pro-apoptotic tumor suppressor in gastrointestinal stromal tumors. <i>International Journal of Cancer</i> , 2015, 137, 1318-1329.	5.1	25
49	The common point for forensic and anthropologic genetics and individualized medicine Ninth ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures on Individualized Medicine, Bol, Croatia, June 22-26, 2015. <i>Croatian Medical Journal</i> , 2015, 56, 177-178.	0.7	0
50	Stem Cells for Murine Interstitial Cells of Cajal Suppress Cellular Immunity and Colitis Via Prostaglandin E2 Secretion. <i>Gastroenterology</i> , 2015, 148, 978-990.	1.3	33
51	Platelet-Derived Growth Factor Receptor- $\alpha$ Regulates Proliferation of Gastrointestinal Stromal Tumor Cells With Mutations in KIT by Stabilizing ETV1. <i>Gastroenterology</i> , 2015, 149, 420-432.e16.	1.3	68
52	Targeting Disease Persistence in Gastrointestinal Stromal Tumors. <i>Stem Cells Translational Medicine</i> , 2015, 4, 702-707.	3.3	9
53	Identification and characterization of a novel promoter for the human ANO1 gene regulated by the transcription factor signal transducer and activator of transcription 6 (STAT6). <i>FASEB Journal</i> , 2015, 29, 152-163.	0.5	37
54	Bioinformatics Strategies for Identifying Regions of Epigenetic Deregulation Associated with Aberrant Transcript Splicing and RNA-editing. , 2015, , .		1

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55	Acute Depletion Redefines the Division of Labor among DNA Methyltransferases in Methylating the Human Genome. <i>Cell Reports</i> , 2014, 9, 1554-1566.	6.4	33
56	Aberrant signature methylome by DNMT1 hot spot mutation in hereditary sensory and autonomic neuropathy 1E. <i>Epigenetics</i> , 2014, 9, 1184-1193.	2.7	55
57	Ano1, a Ca <sup>2+</sup> -activated Cl <sup>-</sup> channel, coordinates contractility in mouse intestine by Ca <sup>2+</sup> transient coordination between interstitial cells of Cajal. <i>Journal of Physiology</i> , 2014, 592, 4051-4068.	2.9	84
58	Strand-Specific Analysis Shows Protein Binding at Replication Forks and PCNA Unloading from Lagging Strands when Forks Stall. <i>Molecular Cell</i> , 2014, 56, 551-563.	9.7	153
59	Dystrophin is a tumor suppressor in human cancers with myogenic programs. <i>Nature Genetics</i> , 2014, 46, 601-606.	21.4	142
60	Vascular Endothelial Growth Factor Promotes Fibrosis Resolution and Repair in Mice. <i>Gastroenterology</i> , 2014, 146, 1339-1350.e1.	1.3	196
61	Membrane-To-Nucleus Signaling Links Insulin-Like Growth Factor-1- and Stem Cell Factor-Activated Pathways. <i>PLoS ONE</i> , 2013, 8, e76822.	2.5	14
62	Inhibition of cell proliferation by a selective inhibitor of the Ca <sup>2+</sup> -activated Cl <sup>-</sup> channel, Ano1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 248-253.	2.1	78
63	A functional family-wide screening of SP/KLF proteins identifies a subset of suppressors of <i>KRAS</i> -mediated cell growth. <i>Biochemical Journal</i> , 2011, 435, 529-537.	3.7	85
64	Polycomb and the Emerging Epigenetics of Pancreatic Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2011, 42, 100-111.	1.3	17
65	Altered Expression of Ano1 Variants in Human Diabetic Gastroparesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 13393-13403.	3.4	95
66	Ano1 as a regulator of proliferation. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G1044-G1051.	3.4	78
67	Ano1 as a regulator of proliferation. <i>FASEB Journal</i> , 2011, 25, lb115.	0.5	0
68	Loss of Kitlow progenitors, reduced stem cell factor and high oxidative stress underlie gastric dysfunction in progeric mice. <i>Journal of Physiology</i> , 2010, 588, 3101-3117.	2.9	44
69	CD206-Positive M2 Macrophages That Express Heme Oxygenase-1 Protect Against Diabetic Gastroparesis in Mice. <i>Gastroenterology</i> , 2010, 138, 2399-2409.e1.	1.3	189
70	Kitlow Stem Cells Cause Resistance to Kit/Platelet-Derived Growth Factor Inhibitors in Murine Gastrointestinal Stromal Tumors. <i>Gastroenterology</i> , 2010, 139, 942-952.	1.3	112
71	Protein Kinase C <sup>β</sup> Mediates Regulation of Proliferation by the Serotonin 5-Hydroxytryptamine Receptor 2B. <i>Journal of Biological Chemistry</i> , 2009, 284, 21177-21184.	3.4	23
72	3D registration of micro PET-CT for measurable correlates of dyspeptic symptoms in mice. <i>Proceedings of SPIE</i> , 2009, 7262, 72620Z.	0.8	0

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73	Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1370-G1381.	3.4	320
74	Interstitial cells of Cajal in diabetic gastroenteropathy. <i>Neurogastroenterology and Motility</i> , 2008, 20, 8-18.	3.0	118
75	Progenitors of Interstitial Cells of Cajal in the Postnatal Murine Stomach. <i>Gastroenterology</i> , 2008, 134, 1083-1093.	1.3	140
76	Heme Oxygenase-1 Protects Interstitial Cells of Cajal From Oxidative Stress and Reverses Diabetic Gastroparesis. <i>Gastroenterology</i> , 2008, 135, 2055-2064.e2.	1.3	212
77	Do we need to revise the role of interstitial cells of Cajal in gastrointestinal motility?. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G368-G371.	3.4	9
78	Differential gene expression in functional classes of interstitial cells of Cajal in murine small intestine. <i>Physiological Genomics</i> , 2007, 31, 492-509.	2.3	104
79	Selective labeling and isolation of functional classes of interstitial cells of Cajal of human and murine small intestine. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C497-C507.	4.6	70
80	Reduced Stem Cell Factor Links Smooth Myopathy and Loss of Interstitial Cells of Cajal in Murine Diabetic Gastroparesis. <i>Gastroenterology</i> , 2006, 130, 759-770.	1.3	208
81	Neural regulation of slow-wave frequency in the murine gastric antrum. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G486-G495.	3.4	56
82	Adenovirus-based short hairpin RNA vectors containing an EGFP marker and mouse U6, human H1, or human U6 promoter. <i>BioTechniques</i> , 2005, 38, 625-627.	1.8	12
83	Reduced Insulin and IGF-I Signaling, not Hyperglycemia, Underlies the Diabetes-Associated Depletion of Interstitial Cells of Cajal in the Murine Stomach. <i>Diabetes</i> , 2005, 54, 1528-1533.	0.6	90
84	Immunomagnetic enrichment of interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G351-G360.	3.4	21
85	Quantitative analysis by flow cytometry of interstitial cells of Cajal, pacemakers, and mediators of neurotransmission in the gastrointestinal tract. , 2004, 62A, 139-149.		26
86	Purification of interstitial cells of Cajal by fluorescence-activated cell sorting. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C448-C456.	4.6	30
87	Muscarinic regulation of pacemaker frequency in murine gastric interstitial cells of Cajal. <i>Journal of Physiology</i> , 2003, 546, 415-425.	2.9	72
88	Conductances responsible for slow wave generation and propagation in interstitial cells of Cajal. <i>Current Opinion in Pharmacology</i> , 2003, 3, 579-582.	3.5	20
89	Plasticity of electrical pacemaking by interstitial cells of Cajal and gastric dysrhythmias in W/W <sup>v</sup> mutant mice. <i>Gastroenterology</i> , 2002, 123, 2028-2040.	1.3	63
90	IV. Genetic and animal models of GI motility disorders caused by loss of interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, G747-G756.	3.4	116

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91	Regulation of pacemaker frequency in the murine gastric antrum. <i>Journal of Physiology</i> , 2002, 538, 145-157.	2.9	37
92	A Novel Pacemaker Mechanism Drives Gastrointestinal Rhythmicity. <i>Physiology</i> , 2000, 15, 291-298.	3.1	42
93	Interstitial cells of Cajal generate electrical slow waves in the murine stomach. <i>Journal of Physiology</i> , 1999, 518, 257-269.	2.9	198
94	Development of interstitial cells of Cajal and pacemaking in mice lacking enteric nerves. <i>Gastroenterology</i> , 1999, 117, 584-594.	1.3	108
95	On the mechanism of lactational anovulation in the rhesus monkey. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E665-E676.	3.5	19
96	On the Role of Gonadotropin-Releasing Hormone (GnRH) in the Operation of the GnRH Pulse Generator in the Rhesus Monkey. <i>Neuroendocrinology</i> , 1997, 65, 307-313.	2.5	27
97	Changes of [3H]naloxone binding in oestrogen stimulated rat uterus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993, 46, 819-825.	2.5	10
98	Role of endogenous opioids in progesterone antagonism on oestradiol-induced DNA synthesis in the rat uterus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993, 45, 455-457.	2.5	6
99	Inhibition of oestradiol-induced DNA synthesis by opioid peptides in the rat uterus. <i>Life Sciences</i> , 1992, 51, 1187-1196.	4.3	16