Subhash Kulkarni

List of Publications by Year
in descending order

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43 papers	2,436 citations	516710 16 h-index	580821 25 g-index
46 all docs	46 docs citations	46 times ranked	4346 citing authors

#	Article	IF	Citations
1	Transneuronal Propagation of Pathologic Î±-Synuclein from the Gut to the Brain Models Parkinsonâ€™s Disease. Neuron, 2019, 103, 627-641.e7.	8.1	830
2	The Shaping of Modern Human Immune Systems by Multiregional Admixture with Archaic Humans. Science, 2011, 334, 89-94.	12.6	441
3	Identification of a cKit+ Colonic Crypt Base Secretory Cell That Supports Lgr5+ Stem Cells in Mice. Gastroenterology, 2012, 142, 1195-1205.e6.	1.3	222
4	Adult enteric nervous system in health is maintained by a dynamic balance between neuronal apoptosis and neurogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3709-E3718.	7.1	208
5	Clonal precursor of bone, cartilage, and hematopoietic niche stromal cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12643-12648.	7.1	116
6	Age-dependent shift in macrophage polarisation causes inflammation-mediated degeneration of enteric nervous system. Gut, 2018, 67, 827-836.	12.1	106
7	Social and sexual behaviours aid transmission of bacteria in birds. Behavioural Processes, 2007, 74, 88-92.	1.1	83
8	Intestinal Bacteria Maintain Adult Enteric Nervous System and Nitrergic Neurons via Toll-like Receptor 2-induced Neurogenesis in Mice. Gastroenterology, 2020, 159, 200-213.e8.	1.3	67
9	Advances in Enteric Neurobiology: The â€œBrainâ€•in the Gut in Health and Disease. Journal of Neuroscience, 2018, 38, 9346-9354.	3.6	61
10	Neurodegenerative disorders and gut-brain interactions. Journal of Clinical Investigation, 2021, 131, .	8.2	55
11	Simultaneous optical and electrical in vivo analysis of the enteric nervous system. Nature Communications, 2016, 7, 11800.	12.8	51
12	Ex Vivo Neurogenesis within Enteric Ganglia Occurs in a PTEN Dependent Manner. PLoS ONE, 2013, 8, e59452.	2.5	38
13	Stem cell transplantation in neurodegenerative disorders of the gastrointestinal tract: future or fiction?. Gut, 2012, 61, 613-621.	12.1	32
14	Divergent fate and origin of neurosphere-like bodies from different layers of the gut. American Journal of Physiology - Renal Physiology, 2012, 302, G958-G965.	3.4	30
15	Lymphatic vessel remodeling and invasion in pancreatic cancer progression. EBioMedicine, 2019, 47, 98-113.	6.1	29
16	Gut-derived factors promote neurogenesis of CNS-neural stem cells and nudge their differentiation to an enteric-like neuronal phenotype. American Journal of Physiology - Renal Physiology, 2011, 301, G644-G655.	3.4	18
17	Parkinson's disease and the gut: Models of an emerging relationship. Acta Biomaterialia, 2021, 132, 325-344.	8.3	15
18	Neuro-innate immune interactions in gut mucosal immunity. Current Opinion in Immunology, 2021, 68, 64-71.	5.5	14

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19	Cholinergic-induced anion secretion in murine jejunal enteroids involves synergy between muscarinic and nicotinic pathways. American Journal of Physiology - Cell Physiology, 2020, 319, C321-C330.	4.6	4
20	COUNTEN, an AI-Driven Tool for Rapid and Objective Structural Analyses of the Enteric Nervous System. ENeuro, 2021, 8, ENEURO.0092-21.2021.	1.9	4
21	T1736 An In Vitro Model to Study the Potential of Neural Stem Cells of Diverse Origins to Assume an Enteric Phenotype. Gastroenterology, 2010, 138, S-567-S-568.	1.3	2
22	ROCK1/2 Inhibitor Induces Enteric Phenotype in CNS Derived Neural Stem Cells. Gastroenterology, 2011, 140, S-522.	1.3	1
23	Transient Induction of RET Activity Pushes CNS Neural Stem Cells Towards Enteric Phenotype Through Activation of Multiple Signaling Pathways. Gastroenterology, 2011, 140, S-4.	1.3	1
24	906 CKit/CD117 Identifies a Colonic Paneth-Like Cell That Contributes to the Stem Cell Niche and Regulates Crypt Homeostasis. Gastroenterology, 2012, 142, S-159.	1.3	1
25	Tu1903 Pancreatic Cancer and Sensory Nerves: Characterization of the Role of TRPV1 Leading to Axonal and Cancer Growth Using a Novel Microfluidic Dual Chamber System. Gastroenterology, 2014, 146, S-868.	1.3	1
26	Decoding the Enteric Nervous System: The Beginning of Our Understanding of Enteric Neuromuscular Disorders?. Gastroenterology, 2021, 160, 651-652.	1.3	1
27	T1737 Making Enteric Neurons out of Fibroblasts: A Novel Approach Using Small Molecule Inhibitor of ROCKI/II. Gastroenterology, 2010, 138, S-568.	1.3	0
28	W1941 Gene Expression Analysis of Central & Enteric Neural Progenitor Cells. Gastroenterology, 2010, 138, S-771.	1.3	0
29	Spatial and Temporal Differences Between Enteric Neural Progenitors From Small Intestine of Adult Mice. Gastroenterology, 2011, 140, S-522.	1.3	0
30	Gene Expression Analysis of the Enteric Nervous System in Germ Free Mice. Gastroenterology, 2011, 140, S-522.	1.3	0
31	Tu1448 Identification and Localization of Enteric Neural Precursors Within the Small Intestinal Nestin Network. Gastroenterology, 2012, 142, S-836.	1.3	0
32	160 Neurogenesis Occurs Within Intact Enteric Ganglia in a PTEN Dependent Manner. Gastroenterology, 2013, 144, S-37.	1.3	0
33	Tu1877 Changes in Vascularization and Innervation Patterns in PanIN Lesions As Revealed by Novel Three-Dimensional Imaging Techniques. Gastroenterology, 2013, 144, S-869-S-870.	1.3	0
34	262 Identification and Characterization of a Subset of Enteric â€œGlialâ€•Cells As Neural Precursors. Gastroenterology, 2014, 146, S-63.	1.3	0
35	751 Collagen IV-Pten Signaling Regulates Adult Enteric Neurogenesis In Vitro and In Vivo. Gastroenterology, 2015, 148, S-142.	1.3	0
36	802 Identification of the True Adult Enteric Neural Precursor Provides Evidence of Robust Steady-State Neurogenesis in the Enteric Nervous System. Gastroenterology, 2016, 150, S169.	1.3	0

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37	Tu1495 A Novel Therapeutic Approach Targeting TRAIL Signaling Reveals a Role for Activated Pancreatic Stellate Cells in the Pathogenesis of Pain in Chronic Pancreatitis. Gastroenterology, 2016, 150, S916-S917.	1.3	0
38	135 The Use of Diphtheria Toxin in Transgenic Mice for Regionally Targeted and Cell-Specific Ablation to Recapitulate Putative Models of Motility Disorder. Gastroenterology, 2016, 150, S32.	1.3	0
39	Gastrointestinal Microbiota Actively Maintains the Adult Enteric Nervous System via Lipoteichoic Acid. Gastroenterology, 2017, 152, S627.	1.3	0
40	Contribution of Gastrointestinal Microbiota in the Enteric Nervous System of the Small Intestine in Health and Irritable Bowel Syndrome. Gastroenterology, 2017, 152, S726.	1.3	0
41	TGFB Suppresses Enteric Neurogenesis: A Potential Mechanistic Link between Connective Tissue Disorders and Gastrointestinal Dysmotility. Gastroenterology, 2017, 152, S524.	1.3	0
42	â€˜Nervousâ€™ Immunity: Walking the Tightrope. Trends in Immunology, 2020, 41, 359-362.	6.8	0
43	Stressâ€Induced Gut Dysmotility is Associated with Altered Intestinal BDNFâ€TrkB Signaling. FASEB Journal, 2022, 36, .	0.5	0