Marshall H Montrose

List of Publications by Year
in descending order

42	1,844	331670 21	414414 32
papers	citations	h-index	g-index

43	43	43	2745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deficient Active Transport Activity in Healing Mucosa After Mild Gastric Epithelial Damage. Digestive Diseases and Sciences, 2020, 65, 119-131.	2.3	14
2	Extracting Insights From Temporal Data by Integrating Dynamic Modeling and Machine Learning. Frontiers in Physiology, 2020, 11, 1012.	2.8	5
3	Enteroendocrine cells couple nutrient sensing to nutrient absorption by regulating ion transport. Nature Communications, 2020, 11, 4791.	12.8	27
4	Multiple calcium sources are required for intracellular calcium mobilization during gastric organoid epithelial repair. Physiological Reports, 2020, 8, e14384.	1.7	9
5	Helicobacter pylori Uses the TlpB Receptor To Sense Sites of Gastric Injury. Infection and Immunity, 2019, 87, .	2.2	22
6	Trefoil factor 2 activation of CXCR4 requires calcium mobilization to drive epithelial repair in gastric organoids. Journal of Physiology, 2019, 597, 2673-2690.	2.9	23
7	Effect of Helicobacter pylori chemotaxis on gastric epithelial repair. FASEB Journal, 2019, 33, 869.19.	0.5	0
8	During Ca 2+ â€dependent gastric epithelial repair, Ca 2+ is sourced from both Ca 2+ uptake and intracellular Ca 2+ release. FASEB Journal, 2019, 33, 869.18.	0.5	0
9	Organoids as a Model to Study Infectious Disease. Methods in Molecular Biology, 2018, 1734, 71-81.	0.9	18
10	Cell injury triggers actin polymerization initiating epithelial restitution. Journal of Cell Science, 2018, 131, .	2.0	20
11	Effect of EGFR on Calcium Mobilization and Epithelial Repair in Gastric Organoids. FASEB Journal, 2018, 32, 612.3.	0.5	0
12	Wnt/Î²-catenin promotes gastric fundus specification in mice and humans. Nature, 2017, 541, 182-187.	27.8	176
13	Trefoil Factor Peptides and Gastrointestinal Function. Annual Review of Physiology, 2017, 79, 357-380.	13.1	130
14	Intercellular Coupling of the Cell Cycle and Circadian Clock in Adult Stem Cell Culture. Molecular Cell, 2016, 64, 900-912.	9.7	93
15	CFTR and pHi regulation. American Journal of Physiology - Renal Physiology, 2016, 310, G1183-G1183.	3.4	1
16	Epithelial Regeneration After Gastric Ulceration Causes Prolonged Cell-Type Alterations. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 625-647.	4.5	41
17	The Development of Spasmolytic Polypeptide/TFF2-Expressing Metaplasia (SPEM) During Gastric Repair Is Absent in the Aged Stomach. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 605-624.	4.5	79
18	Characterization of stem/progenitor cell cycle using murine circumvallate papilla taste bud organoid. Scientific Reports, 2015, 5, 17185.	3.3	54

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19	The use of murineâ€derived fundic organoids in studies of gastric physiology. Journal of Physiology, 2015, 593, 1809-1827.	2.9	98
20	<scp>H</scp>elicobacter pyloriâ€induced Sonic Hedgehog Expression is Regulated by <scp>NF</scp>ÎºB Pathway Activation: The Use of a Novel InÂvitro Model to Study Epithelial Response to Infection. Helicobacter, 2015, 20, 19-28.	3.5	56
21	Helicobacter pyloritargets cancer-associated apical-junctional constituents in gastroids and gastric epithelial cells. Gut, 2015, 64, 720-730.	12.1	127
22	Epithelial regeneration after gastric ulceration causes prolonged weakened defenses and altered cell types. FASEB Journal, 2015, 29, 998.6.	0.5	0
23	Motility and Chemotaxis Mediate the Preferential Colonization of Gastric Injury Sites by Helicobacter pylori. PLoS Pathogens, 2014, 10, e1004275.	4.7	67
24	Robust circadian rhythms in organoid cultures from PERIOD2::LUCIFERASE mouse small intestine. DMM Disease Models and Mechanisms, 2014, 7, 1123-30.	2.4	38
25	Acute murine colitis reduces colonic 5-aminosalicylic acid metabolism by regulation of N-acetyltransferase-2. American Journal of Physiology - Renal Physiology, 2014, 306, G1002-G1010.	3.4	14
26	Importance of Ca2+ in gastric epithelial restitutionâ€"new views revealed by real-time in vivo measurements. Current Opinion in Pharmacology, 2014, 19, 76-83.	3.5	14
27	Indian Hedgehog Mediates Gastrin-Induced Proliferation in Stomach of Adult Mice. Gastroenterology, 2014, 147, 655-666.e9.	1.3	39
28	Establishment of Gastrointestinal Epithelial Organoids. Current Protocols in Mouse Biology, 2013, 3, 217-240.	1.2	253
29	In Vivo Epithelial Wound Repair Requires Mobilization of Endogenous Intracellular and Extracellular Calcium. Journal of Biological Chemistry, 2013, 288, 33585-33597.	3.4	31
30	Indian Hedgehog mediates gastrinâ€induced proliferation in the adult stomach. FASEB Journal, 2013, 27, 946.2.	0.5	0
31	Inhibitors of acid secretion can benefit gastric wound repair independent of luminal pH effects on the site of damage. Gut, 2012, 61, 804-811.	12.1	13
32	Localized mobilization of intracellular calcium promotes epithelial repair in vivo. FASEB Journal, 2012, 26, 1107.8.	0.5	0
33	The Epithelial Barrier Is Maintained by In Vivo Tight Junction Expansion During Pathologic Intestinal Epithelial Shedding. Gastroenterology, 2011, 140, 1208-1218.e2.	1.3	234
34	Trefoil Factor 2 Requires Na/H Exchanger 2 Activity to Enhance Mouse Gastric Epithelial Repair. Journal of Biological Chemistry, 2011, 286, 38375-38382.	3.4	47
35	Damage to the gastric epithelium activates cellular bicarbonate secretion via SLC26A9 Clâ^'/HCO3â^'exchange. American Journal of Physiology - Renal Physiology, 2010, 299, G255-G264.	3.4	32
36	In vivo action of trefoil factor 2 (TFF2) to speed gastric repair is independent of cyclooxygenase. Gut, 2010, 59, 1184-1191.	12.1	33

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37	Acidification of damaged cells is a consequence of damage to the gastric epithelium, and may contribute to surface pH increases after damage. FASEB Journal, 2009, 23, 980.1.	0.5	0
38	Disruption of the Cox-1 gene slows repair of microscopic lesions in the mouse gastric epithelium. American Journal of Physiology - Cell Physiology, 2008, 294, C223-C232.	4.6	35
39	Caveolar endocytosis is essential for tumor necrosis factor (TNF) â€induced occludin internalization in vivo. FASEB Journal, 2008, 22, 938.5.	0.5	0
40	Real time analysis of TNFâ€induced occludin internalization within jejunal epithelia of living mice. FASEB Journal, 2007, 21, A585.	0.5	1
41	Realâ€time in vivo imaging of ischemiaâ€reperfusion damage in mouse small intestine. FASEB Journal, 2007, 21, A1319.	0.5	0
42	Raising pH in the stomach lumen does not limit damage progression at the gastric epithelial surface following microscopic lesions. FASEB Journal, 2007, 21, A1318.	0.5	0