Allan M Goldstein

List of Publications by Year
in descending order

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84 papers	2,469 citations	218592 26 h-index	223716 46 g-index
88 all docs	88 docs citations	88 times ranked	2435 citing authors

#	Article	IF	Citations
1	Writing an effective National Institutes of Health (NIH) budget: How to get the money for your science. Surgery, 2022, 171, 342-347.	1.0	2
2	Optimal timing for Soave primary pull-through in short-segment Hirschsprung disease: A meta-analysis. Journal of Pediatric Surgery, 2022, 57, 719-725.	0.8	13
3	Opportunities for novel diagnostic and cell-based therapies for Hirschsprung disease. Journal of Pediatric Surgery, 2022, 57, 61-68.	0.8	13
4	Operational Innovation in the Provision of Pediatric Extracorporeal Membrane Oxygenation for Multisystem Inflammatory Syndrome in Children. Health Security, 2022, , .	0.9	1
5	Tamoxifen administration alters gastrointestinal motility in mice. Neurogastroenterology and Motility, 2022, , e14357.	1.6	1
6	Applications of Single-Cell Sequencing Technology to the Enteric Nervous System. Biomolecules, 2022, 12, 452.	1.8	3
7	Enteric Neurons Get Our Undivided Attention. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 239-240.	2.3	0
8	Schwann cells in the subcutaneous adipose tissue have neurogenic potential and can be used for regenerative therapies. Science Translational Medicine, 2022, 14, .	5.8	17
9	Intestinal Pathology in Patients With Pathogenic ACTG2-Variant Visceral Myopathy: 16 Patients From 12 Families and Review of the Literature. Pediatric and Developmental Pathology, 2022, 25, 581-597.	0.5	2
10	Open innovation facilitates department-wide engagement in quality improvement: experience from the Massachusetts General Hospital. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 5441-5449.	1.3	2
11	An algorithmic approach to an impactful specific aims page. Surgery, 2021, 169, 816-820.	1.0	5
12	Impact of the coronavirus disease 2019 pandemic on surgical research and lessons for the future. Surgery, 2021, 169, 257-263.	1.0	14
13	Pan-enteric neuropathy and dysmotility are present in a mouse model of short-segment Hirschsprung disease and may contribute to post-pullthrough morbidity. Journal of Pediatric Surgery, 2021, 56, 250-256.	0.8	9
14	Association of Sex and Race/Ethnicity With National Institutes of Health Funding of Surgeon-Scientists. JAMA Surgery, 2021, 156, 195.	2.2	26
15	Association of Surgeon Representation on NIH Study Sections With Receipt of Funding by Surgeon-scientists. Annals of Surgery, 2021, 273, 1042-1048.	2.1	11
16	Homeostasis of mucosal glial cells in human gut is independent of microbiota. Scientific Reports, 2021, 11, 12796.	1.6	10
17	A practical guide to writing a competitive K award application. Surgery, 2021, 170, 1411-1417.	1.0	1
18	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

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19	Top ten strategies to enhance grant-writing success. Surgery, 2021, 170, 1727-1731.	1.0	9
20	Climbing the grants ladder: Funding opportunities for surgeons. Surgery, 2021, 170, 707-712.	1.0	2
21	Significance and innovation: cornerstones of a successful grant application. Surgery, 2021, 170, 1080-1082.	1.0	1
22	Mentored career development awards for the development of surgeon-scientists. Surgery, 2021, 170, 1105-1111.	1.0	5
23	Enteric mesenchymal cells support the growth of postnatal enteric neural stem cells. Stem Cells, 2021, 39, 1236-1252.	1.4	20
24	Avian ceca are indispensable for hindgut enteric nervous system development. Development (Cambridge), 2021, 148, .	1.2	6
25	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
26	Invited commentary on Ahmad etÂal.: Routine botulinum toxin injection one month after a Swenson pull-through does not change the incidence of Hirschsprung associated enterocolitis. Journal of Pediatric Surgery, 2021, , .	0.8	0
27	Hypoganglionosis in the gastric antrum causes delayed gastric emptying. Neurogastroenterology and Motility, 2020, 32, e13766.	1.6	9
28	RET overactivation leads to concurrent Hirschsprung disease and intestinal ganglioneuromas. Development (Cambridge), 2020, 147, .	1.2	10
29	The Pediatric Surgeonâ€“Scientist: Succeeding in Today's Academic Environment. Journal of Surgical Research, 2019, 244, 502-508.	0.8	7
30	Case 29-2019: A 14-Month-Old Boy with Vomiting. New England Journal of Medicine, 2019, 381, 1159-1167.	13.9	2
31	Complex Simplicity and Hirschsprungâ€™s Disease. New England Journal of Medicine, 2019, 380, 1478-1479.	13.9	7
32	Guidelines for synoptic reporting of surgery and pathology in Hirschsprung disease. Journal of Pediatric Surgery, 2019, 54, 2017-2023.	0.8	34
33	Enteric neuronal cell therapy reverses architectural changes in a novel diphtheria toxin-mediated model of colonic aganglionosis. Scientific Reports, 2019, 9, 18756.	1.6	18
34	A Roadmap for Aspiring Surgeon-Scientists in Today's Healthcare Environment. Annals of Surgery, 2019, 269, 66-72.	2.1	74
35	â€œToo much guts and not enough brainsâ€¦ (epi)genetic mechanisms and future therapies of Hirschsprung disease â€” a review. Clinical Epigenetics, 2019, 11, 135.	1.8	26
36	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

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37	Surgical Management of Idiopathic Constipation in Pediatric Patients. Clinics in Colon and Rectal Surgery, 2018, 31, 089-098.	0.5	12
38	Transitions in care from pediatric to adult general surgery: Evaluating an unmet need for patients with anorectal malformation and Hirschsprung disease. Journal of Pediatric Surgery, 2018, 53, 1566-1572.	0.8	22
39	Intraganglionic macrophages: a new population of cells in the enteric ganglia. Journal of Anatomy, 2018, 233, 401-410.	0.9	22
40	Microbiome Composition in Both Wild-Type and Disease Model Mice Is Heavily Influenced by Mouse Facility. Frontiers in Microbiology, 2018, 9, 1598.	1.5	60
41	Laparoscopic-Assisted Percutaneous Endoscopic Cecostomy (LAPEC) in Children and Young Adults. Journal of Gastrointestinal Surgery, 2017, 21, 676-683.	0.9	11
42	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
43	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
44	Intestinal smooth muscle is required for patterning the enteric nervous system. Journal of Anatomy, 2017, 230, 567-574.	0.9	21
45	Guidelines for the diagnosis and management of Hirschsprung-associated enterocolitis. Pediatric Surgery International, 2017, 33, 517-521.	0.6	141
46	The Future of Basic Science in Academic Surgery. Annals of Surgery, 2017, 265, 1053-1059.	2.1	139
47	Case 10-2017 â€” A 6-Month-Old Boy with Gastrointestinal Bleeding and Abdominal Pain. New England Journal of Medicine, 2017, 376, 1269-1277.	13.9	1
48	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
49	Case 33-2017. New England Journal of Medicine, 2017, 377, 1667-1677.	13.9	2
50	Bioengineering of functional human induced pluripotent stem cell-derived intestinal grafts. Nature Communications, 2017, 8, 765.	5.8	91
51	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
52	Spray Delivery of Intestinal Organoids to Reconstitute Epithelium on Decellularized Native Extracellular Matrix. Tissue Engineering - Part C: Methods, 2017, 23, 565-573.	1.1	19
53	Case 24-2017. New England Journal of Medicine, 2017, 377, 574-582.	13.9	2
54	Preface. Seminars in Pediatric Surgery, 2017, 26, 343.	0.5	1

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55	Colitis promotes neuronal differentiation of Sox2+ and PLP1+ enteric cells. Scientific Reports, 2017, 7, 2525.	1.6	69
56	White paper on guidelines concerning enteric nervous system stem cell therapy for enteric neuropathies. Developmental Biology, 2016, 417, 229-251.	0.9	112
57	Clinical aspects of neurointestinal disease: Pathophysiology, diagnosis, and treatment. Developmental Biology, 2016, 417, 217-228.	0.9	65
58	Bowel dysfunction following pullthrough surgery is associated with an overabundance of nitrergic neurons in Hirschsprung disease. Journal of Pediatric Surgery, 2016, 51, 1834-1838.	0.8	26
59	Optimizing neurogenic potential of enteric neurospheres for treatment of neurointestinal diseases. Journal of Surgical Research, 2016, 206, 451-459.	0.8	18
60	Engraftment of enteric neural progenitor cells into the injured adult brain. BMC Neuroscience, 2016, 17, 5.	0.8	13
61	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
62	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
63	Mucus Barriers to Microparticles and Microbes are Altered in Hirschsprung's Disease. Macromolecular Bioscience, 2015, 15, 712-718.	2.1	34
64	Colitis Induces Enteric Neurogenesis Through a 5-HT4â€“dependent Mechanism. Inflammatory Bowel Diseases, 2015, 21, 870-878.	0.9	79
65	Sonic hedgehog controls enteric nervous system development by patterning the extracellular matrix. Development (Cambridge), 2015, 143, 264-75.	1.2	46
66	What Does It Take To Be A Successful Pediatric Surgeonâ€“Scientist?. Journal of Pediatric Surgery, 2015, 50, 1049-1052.	0.8	12
67	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
68	Altered Goblet Cell Differentiation and Surface Mucus Properties in Hirschsprung Disease. PLoS ONE, 2014, 9, e99944.	1.1	50
69	Presence of intramucosal neuroglial cells in normal and aganglionic human colon. American Journal of Physiology - Renal Physiology, 2014, 307, G1002-G1012.	1.6	17
70	Commentary on: Why was there no mention of informed consent and ethics committee approval in a prospective trial?. Surgery, 2014, 156, 735-736.	1.0	0
71	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
72	Giant mesenteric lymphatic malformation presenting as small bowel volvulus. Journal of Surgical Case Reports, 2013, 2013, rjt083-rjt083.	0.2	6

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73	Isolation and Characterization of Enteric Nervous System Stem Cells. FASEB Journal, 2013, 27, 752.3.	0.2	0
74	Expression and function of tenascinâ€€ during colorectal enteric nervous system development. FASEB Journal, 2013, 27, 965.4.	0.2	0
75	Dual-modality fluorescence and full-field optical coherence microscopy for biomedical imaging applications. Biomedical Optics Express, 2012, 3, 661.	1.5	43
76	Immunophenotypic characterization of enteric neural crest cells in the developing avian colorectum. Developmental Dynamics, 2012, 241, 842-851.	0.8	26
77	Gdnf is mitogenic, neurotrophic, and chemoattractive to enteric neural crest cells in the embryonic colon. Developmental Dynamics, 2011, 240, 1402-1411.	0.8	39
78	Endothelial cells promote migration and proliferation of enteric neural crest cells via Î²1 integrin signaling. Developmental Biology, 2009, 330, 263-272.	0.9	73
79	A Bird's Eye View of Enteric Nervous System Development: Lessons From the Avian Embryo. Pediatric Research, 2008, 64, 326-333.	1.1	35
80	Pelvic plexus contributes ganglion cells to the hindgut enteric nervous system. Developmental Dynamics, 2007, 236, 73-83.	0.8	29
81	Endothelin-3 regulates neural crest cell proliferation and differentiation in the hindgut enteric nervous system. Developmental Biology, 2006, 293, 203-217.	0.9	132
82	Intestinal coelomic transplants: a novel method for studying enteric nervous system development. Cell and Tissue Research, 2006, 326, 43-55.	1.5	11
83	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
84	Patterning the heart's left-right axis: From zebrafish to man. , 1998, 22, 278-287.		22