

# David M Alvarado

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,043  
citations

516710

16  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1910  
citing authors

#	ARTICLE	IF	CITATIONS
1	IDO1 and Kynurenine Pathway Metabolites Activate PI3K-Akt Signaling in the Neoplastic Colon Epithelium to Promote Cancer Cell Proliferation and Inhibit Apoptosis. <i>Cancer Research</i> , 2019, 79, 1138-1150.	0.9	136
2	<i>Lactobacillus rhamnosus</i> GG protects the intestinal epithelium from radiation injury through release of lipoteichoic acid, macrophage activation and the migration of mesenchymal stem cells. <i>Gut</i> , 2019, 68, 1003-1013.	12.1	122
3	Epithelial Indoleamine 2,3-Dioxygenase 1 Modulates Aryl Hydrocarbon Receptor and Notch Signaling to Increase Differentiation of Secretory Cells and Alter Mucus-Associated Microbiota. <i>Gastroenterology</i> , 2019, 157, 1093-1108.e11.	1.3	92
4	Therapeutic targeting of inflammation and tryptophan metabolism in colon and gastrointestinal cancer. <i>Translational Research</i> , 2016, 167, 67-79.	5.0	79
5	Familial Isolated Clubfoot Is Associated with Recurrent Chromosome 17q23.1q23.2 Microduplications Containing TBX4. <i>American Journal of Human Genetics</i> , 2010, 87, 154-160.	6.2	73
6	Pitx1 haploinsufficiency causes clubfoot in humans and a clubfoot-like phenotype in mice. <i>Human Molecular Genetics</i> , 2011, 20, 3943-3952.	2.9	70
7	Butyrate and Mucosal Inflammation: New Scientific Evidence Supports Clinical Observation. <i>Clinical and Translational Gastroenterology</i> , 2015, 6, e108.	2.5	63
8	Interferon-Induced IDO1 Mediates Radiation Resistance and Is a Therapeutic Target in Colorectal Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 451-464.	3.4	63
9	Exome Sequencing Identifies a Rare <i>HSPG2</i> Variant Associated with Familial Idiopathic Scoliosis. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 167-174.	1.8	49
10	Exome Sequencing Identifies an MYH3 Mutation in a Family with Distal Arthrogryposis Type 1. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1045-1050.	3.0	38
11	Copy number analysis of 413 isolated talipes equinovarus patients suggests role for transcriptional regulators of early limb development. <i>European Journal of Human Genetics</i> , 2013, 21, 373-380.	2.8	37
12	Hyaluronic Acid Binding to TLR4 Promotes Proliferation and Blocks Apoptosis in Colon Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2446-2456.	4.1	34
13	An RNA Interference-Based Screen of Transcription Factor Genes Identifies Pathways Necessary for Sensory Regeneration in the Avian Inner Ear. <i>Journal of Neuroscience</i> , 2011, 31, 4535-4543.	3.6	31
14	Patient-derived small intestinal myofibroblasts direct perfused, physiologically responsive capillary development in a microfluidic Gut-on-a-Chip Model. <i>Scientific Reports</i> , 2020, 10, 3842.	3.3	29
15	CEACAMs serve as toxin-stimulated receptors for enterotoxigenic <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29055-29062.	7.1	21
16	Hyaluronic acid promotes Lgr5 <sup>+</sup> stem cell proliferation and crypt fission through TLR4 and PGE <sub>2</sub> transactivation of EGFR. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G63-G73.	3.4	20
17	Downstream targets of <i>GATA3</i> in the vestibular sensory organs of the inner ear. <i>Developmental Dynamics</i> , 2009, 238, 3093-3102.	1.8	17
18	Multiplexed direct genomic selection (MDiGS): a pooled BAC capture approach for highly accurate CNV and SNP/INDEL detection. <i>Nucleic Acids Research</i> , 2014, 42, e82-e82.	14.5	14

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19	Goblet cell LRRC26 regulates BK channel activation and protects against colitis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
20	A Role for Salivary Peptides in the Innate Defense Against Enterotoxigenic Escherichia coli. Journal of Infectious Diseases, 2018, 217, 1435-1441.	4.0	13
21	Directed Expression of a Chimeric Type II Keratin Partially Rescues Keratin 5-null Mice. Journal of Biological Chemistry, 2014, 289, 19435-19447.	3.4	10
22	Stem cell and niche regulation in human short bowel syndrome. JCI Insight, 2020, 5, .	5.0	7
23	Mesalamine Reduces Intestinal ACE2 Expression Without Modifying SARS-CoV-2 Infection or Disease Severity in Mice. Inflammatory Bowel Diseases, 2022, 28, 318-321.	1.9	5
24	Serotonin Receptors Regulate Inflammatory Response in Experimental Colitis. Journal of Nutrition, 2020, 150, 1678-1679.	2.9	3