

John Alverdy

List of Publications by Year in descending order

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218
papers

10,906
citations

25423

59
h-index

43601

95
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221
all docs

221
docs citations

221
times ranked

11084
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Parenteral Nutrition on Gastrointestinal Immunity. <i>Annals of Surgery</i> , 1985, 202, 681-684.	2.1	324
2	Diverting Loop Ileostomy and Colonic Lavage. <i>Annals of Surgery</i> , 2011, 254, 423-429.	2.1	306
3	Recognition of Host Immune Activation by <i>Pseudomonas aeruginosa</i> . <i>Science</i> , 2005, 309, 774-777.	6.0	301
4	Collagen degradation and MMP9 activation by <i>Enterococcus faecalis</i> contribute to intestinal anastomotic leak. <i>Science Translational Medicine</i> , 2015, 7, 286ra68.	5.8	287
5	Membership and Behavior of Ultra-Low-Diversity Pathogen Communities Present in the Gut of Humans during Prolonged Critical Illness. <i>MBio</i> , 2014, 5, e01361-14.	1.8	278
6	The Impact of Morbid Obesity on Oxygen Cost of Breathing ($\dot{V}E^{\text{TM}}$ \times 2RESP) at Rest. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 883-886.	2.5	267
7	Bacterial colonization and succession in a newly opened hospital. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	248
8	The <i>Bacillus subtilis</i> Quorum-Sensing Molecule CSF Contributes to Intestinal Homeostasis via OCTN2, a Host Cell Membrane Transporter. <i>Cell Host and Microbe</i> , 2007, 1, 299-308.	5.1	218
9	Influence of the critically ill state on host-pathogen interactions within the intestine: Gut-derived sepsis redefined. <i>Critical Care Medicine</i> , 2003, 31, 598-607.	0.4	208
10	Red death in <i>Caenorhabditis elegans</i> caused by <i>Pseudomonas aeruginosa</i> PAO1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6327-6332.	3.3	196
11	Do We Really Know Why Colorectal Anastomoses Leak?. <i>Journal of Gastrointestinal Surgery</i> , 2013, 17, 1698-1707.	0.9	187
12	Gut-Derived Sepsis Occurs When the Right Pathogen With the Right Virulence Genes Meets the Right Host. <i>Annals of Surgery</i> , 2000, 232, 480-489.	2.1	186
13	Quality of Life and Psychosocial Adjustment in Patients after Roux-en-Y Gastric Bypass: A Brief Report. <i>Obesity Surgery</i> , 2001, 11, 32-39.	1.1	182
14	Redefining the Role of Intestinal Microbes in the Pathogenesis of Necrotizing Enterocolitis. <i>Pediatrics</i> , 2010, 125, 777-785.	1.0	182
15	International Cancer Microbiome Consortium consensus statement on the role of the human microbiome in carcinogenesis. <i>Gut</i> , 2019, 68, 1624-1632.	6.1	173
16	Dynorphin Activates Quorum Sensing Quinolone Signaling in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2007, 3, e35.	2.1	170
17	Contributions of Intestinal Bacteria to Nutrition and Metabolism in the Critically Ill. <i>Surgical Clinics of North America</i> , 2011, 91, 771-785.	0.5	157
18	A Differentiation-dependent Splice Variant of Myosin Light Chain Kinase, MLCK1, Regulates Epithelial Tight Junction Permeability. <i>Journal of Biological Chemistry</i> , 2004, 279, 55506-55513.	1.6	151

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19	Intestinal Tissues Induce an SNP Mutation in <i>Pseudomonas aeruginosa</i> That Enhances Its Virulence: Possible Role in Anastomotic Leak. <i>PLoS ONE</i> , 2012, 7, e44326.	1.1	151
20	The gut microbiota and gastrointestinal surgery. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 43-54.	8.2	142
21	Total parenteral nutrition promotes bacterial translocation from the gut. <i>Surgery</i> , 1988, 104, 185-90.	1.0	135
22	Collapse of the Microbiome, Emergence of the Pathobiome, and the Immunopathology of Sepsis. <i>Critical Care Medicine</i> , 2017, 45, 337-347.	0.4	134
23	Quality of Life after Gastric Bypass Surgery: A Cross-sectional Study. <i>Obesity</i> , 2002, 10, 1135-1142.	4.0	130
24	The Shift of an Intestinal Microbiome to a Pathobiome Governs the Course and Outcome of Sepsis Following Surgical Injury. <i>Shock</i> , 2016, 45, 475-482.	1.0	130
25	The re-emerging role of the intestinal microflora in critical illness and inflammation: why the gut hypothesis of sepsis syndrome will not go away. <i>Journal of Leukocyte Biology</i> , 2008, 83, 461-466.	1.5	128
26	Intestinal anastomotic injury alters spatially defined microbiome composition and function. <i>Microbiome</i> , 2014, 2, 35.	4.9	126
27	Gut microbiome influences on anastomotic leak and recurrence rates following colorectal cancer surgery. <i>British Journal of Surgery</i> , 2018, 105, e131-e141.	0.1	120
28	Why Patients Seek Bariatric Surgery: A Qualitative and Quantitative Analysis of Patient Motivation. <i>Obesity Surgery</i> , 2007, 17, 1487-1491.	1.1	119
29	Duodenal Switch Provides Superior Resolution of Metabolic Comorbidities Independent of Weight Loss in the Super-obese (BMI ≥ 50 kg/m ²) Compared with Gastric Bypass. <i>Journal of Gastrointestinal Surgery</i> , 2010, 14, 211-220.	0.9	114
30	Effects of Glutamine-Supplemented Diets on Immunology of the Gut. <i>Journal of Parenteral and Enteral Nutrition</i> , 1990, 14, 109S-113S.	1.3	113
31	The Key Role of <i>Pseudomonas aeruginosa</i> PA-I Lectin on Experimental Gut-Derived Sepsis. <i>Annals of Surgery</i> , 2000, 232, 133-142.	2.1	110
32	Gastroesophageal reflux disease and severe obesity: Fundoplication or bariatric surgery?. <i>World Journal of Gastroenterology</i> , 2010, 16, 3757.	1.4	107
33	Depletion of intestinal phosphate after operative injury activates the virulence of <i>P aeruginosa</i> causing lethal gut-derived sepsis. <i>Surgery</i> , 2008, 144, 189-197.	1.0	105
34	Luminal bacterial flora determines physiological expression of intestinal epithelial cytoprotective heat shock proteins 25 and 72. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G696-G704.	1.6	104
35	Gut Microbial Gene Expression in Mother-Fed and Formula-Fed Piglets. <i>PLoS ONE</i> , 2010, 5, e12459.	1.1	98
36	<i>Pseudomonas aeruginosa</i> Virulence Expression Is Directly Activated by Morphine and Is Capable of Causing Lethal Gut-Derived Sepsis in Mice During Chronic Morphine Administration. <i>Annals of Surgery</i> , 2012, 255, 386-393.	2.1	96

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37	Duodenal Switch Provides Superior Weight Loss in the Super-Obese (BMI >50kg/m ²) Compared With Gastric Bypass. Transactions of the Meeting of the American Surgical Association, 2006, 124, 276-284.	2.8	93
38	The impact of stress and nutrition on bacterial-host interactions at the intestinal epithelial surface. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 205-209.	1.3	89
39	Effect of commercially available chemically defined liquid diets on the intestinal microflora and bacterial translocation from the gut. Journal of Parenteral and Enteral Nutrition, 1990, 14, 1-6.	1.3	87
40	Pre-Surgery Binge Eating Status: Effect on Eating Behavior and Weight Outcome after Gastric Bypass. Obesity Surgery, 2006, 16, 1198-1204.	1.1	85
41	Psychosocial Outcome of Gastric Bypass Surgery for Patients With and Without Binge Eating. Obesity Surgery, 2004, 14, 975-985.	1.1	82
42	The Effect of Glucocorticoid Administration on Bacterial Translocation. Annals of Surgery, 1991, 214, 719-723.	2.1	80
43	Emotional Eating in a Morbidly Obese Bariatric Surgery-Seeking Population. Obesity Surgery, 2007, 17, 778-784.	1.1	80
44	The effect of dexamethasone administration on rat intestinal permeability: The role of bacterial adherence. Gastroenterology, 1994, 106, 35-41.	0.6	79
45	Re-examining causes of surgical site infections following elective surgery in the era of asepsis. Lancet Infectious Diseases, The, 2020, 20, e38-e43.	4.6	76
46	The gut microbiome and the mechanism of surgical infection. British Journal of Surgery, 2017, 104, e14-e23.	0.1	75
47	Fecal microbiota transplant rescues mice from human pathogen mediated sepsis by restoring systemic immunity. Nature Communications, 2020, 11, 2354.	5.8	75
48	High-molecular-weight polyethylene glycol prevents lethal sepsis due to intestinal Pseudomonas aeruginosa. Gastroenterology, 2004, 126, 488-498.	0.6	71
49	Use of double-balloon enteroscopy to perform PEG in the excluded stomach after Roux-en-Y gastric bypass. Gastrointestinal Endoscopy, 2006, 64, 797-800.	0.5	70
50	Predictors of Patient Selection in Bariatric Surgery. Annals of Surgery, 2007, 245, 59-67.	2.1	70
51	Depressed Mood in Class III Obesity Predicted by Weight-Related Stigma. Obesity Surgery, 2007, 17, 669-671.	1.1	70
52	Can Methicillin-resistant Staphylococcus aureus Silently Travel From the Gut to the Wound and Cause Postoperative Infection? Modeling the "Trojan Horse Hypothesis". Annals of Surgery, 2018, 267, 749-758.	2.1	69
53	Western-type diet influences mortality from necrotising pancreatitis and demonstrates a central role for butyrate. Gut, 2021, 70, 915-927.	6.1	66
54	Pseudomonas aeruginosa Expresses a Lethal Virulence Determinant, the PA-I Lectin/Adhesin, in the Intestinal Tract of a Stressed Host. Annals of Surgery, 2003, 238, 754-764.	2.1	65

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55	Candida albicans Isolates from the Gut of Critically Ill Patients Respond to Phosphate Limitation by Expressing Filaments and a Lethal Phenotype. PLoS ONE, 2012, 7, e30119.	1.1	65
56	Vitamin D deficiency in preoperative bariatric surgery patients. Surgery for Obesity and Related Diseases, 2009, 5, 54-59.	1.0	64
57	Pseudomonas aeruginosa Overrides the Virulence Inducing Effect of Opioids When It Senses an Abundance of Phosphate. PLoS ONE, 2012, 7, e34883.	1.1	64
58	Characteristics of the intestinal epithelial barrier during dietary manipulation and glucocorticoid stress. Critical Care Medicine, 1996, 24, 635-641.	0.4	63
59	Safety, feasibility, and outcome of retrievable vena cava filters in high-risk surgical patients. Journal of Vascular Surgery, 2007, 45, 784-788.	0.6	62
60	Structure-Function Aspects of PstS in Multi-Drug-Resistant Pseudomonas aeruginosa. PLoS Pathogens, 2008, 4, e43.	2.1	61
61	Oral Polyphosphate Suppresses Bacterial Collagenase Production and Prevents Anastomotic Leak Due to Serratia marcescens and Pseudomonas aeruginosa. Annals of Surgery, 2018, 267, 1112-1118.	2.1	61
62	Recognition of intestinal epithelial HIF-1 α activation by Pseudomonas aeruginosa. American Journal of Physiology - Renal Physiology, 2007, 292, G134-G142.	1.6	59
63	The Human Microbiome and Surgical Disease. Annals of Surgery, 2011, 253, 1094-1101.	2.1	59
64	Identification of multi-drug resistant Pseudomonas aeruginosa clinical isolates that are highly disruptive to the intestinal epithelial barrier. Annals of Clinical Microbiology and Antimicrobials, 2006, 5, 14.	1.7	56
65	Diet creates metabolic niches in the "immature gut" that shape microbial communities. Nutrition Hospitalaria, 2011, 26, 1283-95.	0.2	55
66	Phosphate-Containing Polyethylene Glycol Polymers Prevent Lethal Sepsis by Multidrug-Resistant Pathogens. Antimicrobial Agents and Chemotherapy, 2014, 58, 966-977.	1.4	53
67	Prevention of Perioperative Anastomotic Healing Complications. Advances in Surgery, 2016, 50, 129-141.	0.6	53
68	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. Gastroenterology, 2020, 158, 958-970.e2.	0.6	53
69	Laparoscopic intracavitary bridement of peripancreatic necrosis: Preliminary report and description of the technique. Surgery, 2000, 127, 112-114.	1.0	51
70	Societal interactions in ovarian cancer metastasis: a quorum-sensing hypothesis. Clinical and Experimental Metastasis, 2009, 26, 67-76.	1.7	48
71	Low-fat/high-fibre diet prehabilitation improves anastomotic healing via the microbiome: an experimental model. British Journal of Surgery, 2020, 107, 743-755.	0.1	48
72	The intestinal environment of surgical injury transforms Pseudomonas aeruginosa into a discrete hypervirulent morphotype capable of causing lethal peritonitis. Surgery, 2013, 153, 36-43.	1.0	47

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73	Avoiding Colectomy during Surgical Management of Fulminant <i>Clostridium difficile</i> Colitis. <i>Surgical Infections</i> , 2010, 11, 299-305.	0.7	46
74	Immature Oxidative Stress Management as a Unifying Principle in the Pathogenesis of Necrotizing Enterocolitis: Insights from an Agent-Based Model. <i>Surgical Infections</i> , 2012, 13, 18-32.	0.7	44
75	The Use of Multidisciplinary Teams to Evaluate Bariatric Surgery Patients: Results from a National Survey in the U.S.A.. <i>Obesity Surgery</i> , 2006, 16, 59-66.	1.1	43
76	Protective effects of high-molecular weight Polyethylene Glycol (PEG) in human lung endothelial cell barrier regulation: Role of actin cytoskeletal rearrangement. <i>Microvascular Research</i> , 2009, 77, 174-186.	1.1	43
77	Morphine Promotes Colonization of Anastomotic Tissues with Collagenase - Producing <i>Enterococcus faecalis</i> and Causes Leak. <i>Journal of Gastrointestinal Surgery</i> , 2016, 20, 1744-1751.	0.9	43
78	Are Physiological Effects of Sleep Deprivation in the Rat Mediated by Bacterial Invasion?. <i>Sleep</i> , 1996, 19, 554-562.	0.6	42
79	Laser capture microdissection and metagenomic analysis of intact mucosa-associated microbial communities of human colon. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 1333-1342.	1.7	42
80	The Opposing Forces of the Intestinal Microbiome and the Emerging Pathobiome. <i>Surgical Clinics of North America</i> , 2014, 94, 1151-1161.	0.5	42
81	Clinical predictors of donor antibody titre and correlation with recipient antibody response in a COVID-19 convalescent plasma clinical trial. <i>Journal of Internal Medicine</i> , 2021, 289, 559-573.	2.7	41
82	Increased Type 1 Fimbrial Expression among Commensal <i>Escherichia coli</i> Isolates in the Murine Cecum following Catabolic Stress. <i>Infection and Immunity</i> , 1999, 67, 745-753.	1.0	41
83	Mortality in Retroperitoneal Hematoma. <i>Journal of Trauma</i> , 1984, 24, 1022-1027.	2.3	40
84	Novel <i>de novo</i> synthesized phosphate carrier compound ABA-PEG20k-Pi20 suppresses collagenase production in <i>Enterococcus faecalis</i> and prevents colonic anastomotic leak in an experimental model. <i>British Journal of Surgery</i> , 2018, 105, 1368-1376.	0.1	40
85	Sepsis and the Microbiome: A Vicious Cycle. <i>Journal of Infectious Diseases</i> , 2021, 223, S264-S269.	1.9	40
86	Outcome following Gastric Bypass Surgery: Impact of Past Sexual Abuse. <i>Obesity Surgery</i> , 2004, 14, 170-174.	1.1	39
87	The Effects of Roux-en-Y Gastric Bypass Surgery on Body Image. <i>Obesity Surgery</i> , 2002, 12, 265-269.	1.1	38
88	Considerations for the use of the Beck Depression Inventory in the Assessment of Weight-Loss Surgery Seeking Patients. <i>Obesity Surgery</i> , 2007, 17, 1097-1101.	1.1	38
89	The Influence of Host Stress on the Mechanism of Infection: Lost Microbiomes, Emergent Pathobiomes, and the Role of Interkingdom Signaling. <i>Frontiers in Microbiology</i> , 2017, 08, 322.	1.5	37
90	Components of intestinal epithelial hypoxia activate the virulence circuitry of <i>Pseudomonas</i> . <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G1048-G1054.	1.6	35

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91	Prevention of siderophore- mediated gut-derived sepsis due to <i>P. aeruginosa</i> can be achieved without iron provision by maintaining local phosphate abundance: role of pH. <i>BMC Microbiology</i> , 2011, 11, 212.	1.3	35
92	Agent-based dynamic knowledge representation of <i>Pseudomonas aeruginosa</i> virulence activation in the stressed gut: Towards characterizing host-pathogen interactions in gut-derived sepsis. <i>Theoretical Biology and Medical Modelling</i> , 2011, 8, 33.	2.1	34
93	Emergence of the P2 Phenotype in <i>Pseudomonas aeruginosa</i> PAO1 Strains Involves Various Mutations in <i>mexT</i> or <i>mexF</i> . <i>Journal of Bacteriology</i> , 2014, 196, 504-513.	1.0	34
94	Influence of nutrition therapy on the intestinal microbiome. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 131-137.	1.3	34
95	Mice Fed an Obesogenic Western Diet, Administered Antibiotics, and Subjected to a Sterile Surgical Procedure Develop Lethal Septicemia with Multidrug-Resistant Pathobionts. <i>MBio</i> , 2019, 10, .	1.8	34
96	The molecular Koch's postulates and surgical infection: A view forward. <i>Surgery</i> , 2010, 147, 757-765.	1.0	33
97	Murine Gut Microbiota and Transcriptome Are Diet Dependent. <i>Annals of Surgery</i> , 2013, 257, 287-294.	2.1	33
98	Can the Cecal Ligation and Puncture Model Be Repurposed To Better Inform Therapy in Human Sepsis?. <i>Infection and Immunity</i> , 2020, 88, .	1.0	32
99	Characteristics and Outcomes of Complicated Intra-abdominal Infections Involving <i>Pseudomonas aeruginosa</i> from a Randomized, Double-Blind, Phase 3 Ceftolozane-Tazobactam Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4387-4390.	1.4	31
100	Host Stress and Virulence Expression in Intestinal Pathogens: Development of Therapeutic Strategies Using Mice and <i>C. elegans</i> . <i>Current Pharmaceutical Design</i> , 2011, 17, 1254-1260.	0.9	30
101	Oral PEG 15â€“20 protects the intestine against radiation: role of lipid rafts. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G1041-G1052.	1.6	28
102	Microbiome Medicine: This Changes Everything. <i>Journal of the American College of Surgeons</i> , 2018, 226, 719-729.	0.2	28
103	The Biology of Anastomotic Healingâ€”the Unknown Overwhelms the Known. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 2160-2166.	0.9	28
104	Surgical Injury and Metabolic Stress Enhance the Virulence of the Human Opportunistic Pathogen <i>Pseudomonas aeruginosa</i> . <i>Surgical Infections</i> , 2005, 6, 185-195.	0.7	27
105	Stool consistency as a major confounding factor affecting microbiota composition: an ignored variable?. <i>Gut</i> , 2016, 65, 1-2.	6.1	27
106	Critical role of microbiota within cecal crypts on the regenerative capacity of the intestinal epithelium following surgical stress. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G112-G122.	1.6	27
107	Integration of <i>TGFβ</i> and <i>EGFR</i> -based signaling pathways using an agent-based model of epithelial restitution. <i>Wound Repair and Regeneration</i> , 2012, 20, 862-863.	1.5	25
108	<i>Enterococcus faecalis</i> exploits the human fibrinolytic system to drive excess collagenolysis: implications in gut healing and identification of druggable targets. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G1-G9.	1.6	25

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109	The use of fecal microbiota transplant in sepsis. <i>Translational Research</i> , 2020, 226, 12-25.	2.2	25
110	Duodenal Switch Gastric Bypass Surgery for Morbid Obesity: Imaging of Postsurgical Anatomy and Postoperative Gastrointestinal Complications. <i>American Journal of Roentgenology</i> , 2009, 193, 1576-1580.	1.0	24
111	Diagnosis and Treatment of Atypical Presentations of Hiatal Hernia Following Bariatric Surgery. <i>Obesity Surgery</i> , 2010, 20, 386-392.	1.1	24
112	High molecular weight polyethylene glycol (PEG 15-20) maintains mucosal microbial barrier function during intestinal graft preservation. <i>Journal of Surgical Research</i> , 2013, 183, 869-875.	0.8	24
113	The intestinal microbiome and surgical disease. <i>Current Problems in Surgery</i> , 2016, 53, 257-293.	0.6	24
114	The effect of dexamethasone and endotoxin administration on biliary IgA and bacterial adherence. <i>Journal of Surgical Research</i> , 1992, 53, 450-454.	0.8	23
115	Effect of immunonutrition on virulence strategies in bacteria. <i>Nutrition</i> , 1998, 14, 580-584.	1.1	23
116	Surgical stress shifts the intestinal <i>Escherichia coli</i> population to that of a more adherent phenotype: Role in barrier regulation. <i>Surgery</i> , 2001, 130, 65-73.	1.0	23
117	Bariatric Surgery: A History of Empiricism, a Future in Science. <i>Journal of Gastrointestinal Surgery</i> , 2009, 13, 465-477.	0.9	23
118	<i>Pseudomonas aeruginosa</i> wound infection involves activation of its iron acquisition system in response to fascial contact. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 823-829.	1.1	22
119	Insights into the pathogenesis of ulcerative colitis from a murine model of stasis-induced dysbiosis, colonic metaplasia, and genetic susceptibility. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G973-G988.	1.6	22
120	Optimum Operating Room Environment for the Prevention of Surgical Site Infections. <i>Surgical Infections</i> , 2017, 18, 503-507.	0.7	22
121	<i>Pseudomonas aeruginosa</i> Potentiates the Lethal Effect of Intestinal Ischemia-Reperfusion Injury: The Role of In Vivo Virulence Activation. <i>Journal of Trauma</i> , 2011, 71, 1575-1582.	2.3	21
122	Spatial Compartmentalization of the Microbiome between the Lumen and Crypts Is Lost in the Murine Cecum following the Process of Surgery, Including Overnight Fasting and Exposure to Antibiotics. <i>MSystems</i> , 2020, 5, .	1.7	21
123	De Novo Synthesis and Functional Analysis of Polyphosphate-Loaded Poly(Ethylene) Glycol Hydrogel Nanoparticles Targeting Pyocyanin and Pyoverdinin Production in <i>Pseudomonas aeruginosa</i> as a Model Intestinal Pathogen. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1058-1068.	1.3	20
124	Bowel preparation under siege. <i>British Journal of Surgery</i> , 2020, 107, 167-170.	0.1	20
125	Is bariatric surgery resolving NAFLD via microbiota-mediated bile acid ratio reversal? A comprehensive review. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1361-1369.	1.0	19
126	Imaging Findings in Roux-en-O and Other Misconstructions: Rare but Serious Complications of Roux-en-Y Gastric Bypass Surgery. <i>American Journal of Roentgenology</i> , 2008, 190, 367-373.	1.0	18

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127	The Hospital Microbiome Project: Meeting Report for the 1st Hospital Microbiome Project Workshop on sampling design and building science measurements, Chicago, USA, June 7th-8th 2012. Standards in Genomic Sciences, 2013, 8, 112-117.	1.5	18
128	Enterococcus faecalis promotes a migratory and invasive phenotype in colon cancer cells. Neoplasia, 2022, 27, 100787.	2.3	18
129	Continuous enteral nutrition attenuates pulmonary edema in rats exposed to 100% oxygen. Journal of Applied Physiology, 2000, 89, 1759-1765.	1.2	17
130	Agent-based model of epithelial host-pathogen interactions in anastomotic leak. Journal of Surgical Research, 2013, 184, 730-738.	0.8	17
131	The role of the microbiota in surgical recovery. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 347-352.	1.3	17
132	Preparing the Bowel for Surgery: Learning from the Past and Planning for the Future. Journal of the American College of Surgeons, 2017, 225, 324-332.	0.2	17
133	Modeling Acinetobacter baumannii wound infections. Journal of Trauma and Acute Care Surgery, 2017, 82, 557-565.	1.1	17
134	Identification of Collagenolytic Bacteria in Human Samples: Screening Methods and Clinical Implications for Resolving and Preventing Anastomotic Leaks and Wound Complications. Diseases of the Colon and Rectum, 2019, 62, 972-979.	0.7	17
135	Defining Microbiome Readiness for Surgery: Dietary Prehabilitation and Stool Biomarkers as Predictive Tools to Improve Outcome. Annals of Surgery, 2022, 276, e361-e369.	2.1	17
136	Body Mass Index as a Predictor of 1-year Outcome in Gastric Bypass Surgery. Obesity Surgery, 2009, 19, 1240-1242.	1.1	16
137	Changes in Desired Body Shape After Bariatric Surgery. Eating Disorders, 2010, 18, 347-354.	1.9	15
138	Lack of evidence for tissue hypoxia as a contributing factor in anastomotic leak following colon anastomosis and segmental devascularization in rats. International Journal of Colorectal Disease, 2017, 32, 539-547.	1.0	15
139	Prevention of Anastomotic Leak Via Local Application of Tranexamic Acid to Target Bacterial-mediated Plasminogen Activation. Annals of Surgery, 2021, 274, e1038-e1046.	2.1	15
140	Anastomotic Leak: Toward an Understanding of Its Root Causes. Journal of Gastrointestinal Surgery, 2021, 25, 2966-2975.	0.9	15
141	Influence of the Microbiome on Anastomotic Leak. Clinics in Colon and Rectal Surgery, 2021, 34, 439-446.	0.5	15
142	Binge Eating and Eating-Related Cognitions and Behavior in Ethnically Diverse Obese Women. Obesity, 2003, 11, 1002-1009.	4.0	13
143	Emerging Paradigms in the Prevention of Surgical Site Infection: The Patient Microbiome and Antimicrobial Resistance. Anesthesiology, 2022, 137, 252-262.	1.3	13
144	Effect of Dietary Monosaccharides on <i>Pseudomonas aeruginosa</i> Virulence. Surgical Infections, 2013, 14, 35-42.	0.7	12

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145	<i>Enterococcus faecalis</i> Is Associated with Anastomotic Leak in Patients Undergoing Colorectal Surgery. <i>Surgical Infections</i> , 2021, 22, 1047-1051.	0.7	12
146	PERTURBED BIOELECTRICAL PROPERTIES OF THE MOUSE CECUM FOLLOWING HEPATECTOMY AND STARVATION. <i>Shock</i> , 1999, 12, 235-241.	1.0	11
147	The Role of Malabsorption in Bariatric Surgery. <i>World Journal of Surgery</i> , 2009, 33, 1989-1994.	0.8	11
148	The Hospital Microbiome Project: Meeting report for the 2nd Hospital Microbiome Project, Chicago, USA, January 15th, 2013. <i>Standards in Genomic Sciences</i> , 2013, 8, 571-579.	1.5	11
149	Stochasticity among Antibiotic-Resistance Profiles of Common Burn-Related Pathogens over a Six-Year Period. <i>Surgical Infections</i> , 2017, 18, 327-335.	0.7	11
150	Hypermetabolism and Nutritional Support in Sepsis. <i>Surgical Infections</i> , 2018, 19, 163-167.	0.7	11
151	Preparing the bowel for surgery: rethinking the strategy. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 708-709.	8.2	11
152	Carotid-esophageal Fistula following a Penetrating Neck Injury. <i>Journal of Trauma</i> , 1990, 30, 1588-1590.	2.3	10
153	History, Goals, and Technique of Laparoscopic Pancreatic Necrosectomy. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 1092-1097.	0.9	10
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