John Alverdy

List of Publications by Year
in descending order

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218 papers	10,906 citations	22153 59 h-index	37204 96 g-index
221 all docs	221 docs citations	221 times ranked	10276 citing authors

#	Article	IF	Citations
1	Autologous Posterior Rectus Sheath as a Vascularized Onlay Flap: a Novel Approach to Hiatal Hernia Repair. Journal of Gastrointestinal Surgery, 2022, 26, 268-274.	1.7	2
2	Defining Microbiome Readiness for Surgery: Dietary Prehabilitation and Stool Biomarkers as Predictive Tools to Improve Outcome. Annals of Surgery, 2022, 276, e361-e369.	4.2	17
3	OUP accepted manuscript. Clinical Infectious Diseases, 2022, 74, S251-S256.	5.8	0
4	â€œThe invisible enemy: Gut microbiota and their role in anastomotic leakâ€• Seminars in Colon and Rectal Surgery, 2022, , 100880.	0.3	1
5	Enterococcus faecalis promotes a migratory and invasive phenotype in colon cancer cells. Neoplasia, 2022, 27, 100787.	5.3	18
6	Misinformation About the Human Gut Microbiome in YouTube Videos: Cross-sectional Study. JMIR Formative Research, 2022, 6, e37546.	1.4	2
7	Letter to the Editor: Between-Group Comparison Fallacy (Re: Surg Infect 2022;3:1-8; doi:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	4
8	Emerging Paradigms in the Prevention of Surgical Site Infection: The Patient Microbiome and Antimicrobial Resistance. Anesthesiology, 2022, 137, 252-262.	2.5	13
9	Prevention of Anastomotic Leak Via Local Application of Tranexamic Acid to Target Bacterial-mediated Plasminogen Activation. Annals of Surgery, 2021, 274, e1038-e1046.	4.2	15
10	Sepsis and the Microbiome: A Vicious Cycle. Journal of Infectious Diseases, 2021, 223, S264-S269.	4.0	40
11	Clinical predictors of donor antibody titre and correlation with recipient antibody response in a COVIDâ€19 convalescent plasma clinical trial. Journal of Internal Medicine, 2021, 289, 559-573.	6.0	41
12	Western-type diet influences mortality from necrotising pancreatitis and demonstrates a central role for butyrate. Gut, 2021, 70, 915-927.	12.1	66
13	The Benefits of Robotic Surgery: Are They Technical or Molecular?. Journal of Gastrointestinal Surgery, 2021, 25, 578-580.	1.7	0
14	Bowel preparation in colorectal surgery: the day of reckoning is here. British Journal of Surgery, 2021, 108, 340-341.	0.3	3
15	Peer Review and the Quest for Technical Excellence in Surgeryâ€”A Lesson in Self-awareness. JAMA Surgery, 2021, 156, e205557.	4.3	0
16	Patient Acceptance of Routine Serial Postoperative Endoscopy Following Low Anterior Resection (LAR) and Its Ability to Detect Biomarkers in Anastomotic Lavage Fluid. World Journal of Surgery, 2021, 45, 2227-2234.	1.6	7
17	Harnessing the Microbiome to Optimize Surgical Outcomes in the COVID-19 Era. Annals of Surgery Open, 2021, 2, e056.	1.4	0
18	Anastomotic Leak: Toward an Understanding of Its Root Causes. Journal of Gastrointestinal Surgery, 2021, 25, 2966-2975.	1.7	15

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19	Enterococcus faecalis Is Associated with Anastomotic Leak in Patients Undergoing Colorectal Surgery. Surgical Infections, 2021, 22, 1047-1051.	1.4	12
20	Case presentation and panel discussion: critical illness. Journal of Parenteral and Enteral Nutrition, 2021, , .	2.6	0
21	Re-examining chemically defined liquid diets through the lens of the microbiome. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 903-911.	17.8	8
22	Spatioregional assessment of the gut microbiota in experimental necrotizing pancreatitis. BJS Open, 2021, 5, .	1.7	9
23	Influence of the Microbiome on Anastomotic Leak. Clinics in Colon and Rectal Surgery, 2021, 34, 439-446.	1.1	15
24	Enterococcus faecalis exploits the human fibrinolytic system to drive excess collagenolysis: implications in gut healing and identification of druggable targets. American Journal of Physiology - Renal Physiology, 2020, 318, G1-G9.	3.4	25
25	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. Gastroenterology, 2020, 158, 958-970.e2.	1.3	53
26	Low-fat/high-fibre diet prehabilitation improves anastomotic healing via the microbiome: an experimental model. British Journal of Surgery, 2020, 107, 743-755.	0.3	48
27	Bowel preparation under siege. British Journal of Surgery, 2020, 107, 167-170.	0.3	20
28	Infliximab Does Not Promote the Presence of Collagenolytic Bacteria in a Mouse Model of Colorectal Anastomosis. Journal of Gastrointestinal Surgery, 2020, 24, 2637-2642.	1.7	3
29	Surgical site infections following elective surgery â€“ Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 899.	9.1	3
30	Examining the Effects of Unintentionally Created Stress-Focusing Centers on Anastomotic Healing as Sequelae of Non-Linear Geometry. Journal of the American College of Surgeons, 2020, 231, S95-S96.	0.5	0
31	Fecal microbiota transplant rescues mice from human pathogen mediated sepsis by restoring systemic immunity. Nature Communications, 2020, 11, 2354.	12.8	75
32	Can the Cecal Ligation and Puncture Model Be Repurposed To Better Inform Therapy in Human Sepsis?. Infection and Immunity, 2020, 88, .	2.2	32
33	Is bariatric surgery resolving NAFLD via microbiota-mediated bile acid ratio reversal? A comprehensive review. Surgery for Obesity and Related Diseases, 2020, 16, 1361-1369.	1.2	19
34	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. MSystems, 2020, 5, .	3.8	21
35	The Biology of Anastomotic Healingâ€"the Unknown Overwhelms the Known. Journal of Gastrointestinal Surgery, 2020, 24, 2160-2166.	1.7	28
36	The use of fecal microbiota transplant in sepsis. Translational Research, 2020, 226, 12-25.	5.0	25

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37	An in vitro tissue model for screening sustained release of phosphate-based therapeutic attenuation of pathogen-induced proteolytic matrix degradation. Journal of Materials Chemistry B, 2020, 8, 2454-2465.	5.8	3
38	Re-examining causes of surgical site infections following elective surgery in the era of asepsis. Lancet Infectious Diseases, The, 2020, 20, e38-e43.	9.1	76
39	Comparative genetics of Enterococcus faecalis intestinal tissue isolates before and after surgery in a rat model of colon anastomosis. PLoS ONE, 2020, 15, e0232165.	2.5	5
40	Involvement of the Commensal Organism Bacillus subtilis in the Pathogenesis of Anastomotic Leak. Surgical Infections, 2020, 21, 865-870.	1.4	9
41	Sustained Release of Phosphates From Hydrogel Nanoparticles Suppresses Bacterial Collagenase and Biofilm Formation in vitro. Frontiers in Bioengineering and Biotechnology, 2019, 7, 153.	4.1	8
42	Mice Fed an Obesogenic Western Diet, Administered Antibiotics, and Subjected to a Sterile Surgical Procedure Develop Lethal Septicemia with Multidrug-Resistant Pathobionts. MBio, 2019, 10, .	4.1	34
43	Preparing the bowel for surgery: rethinking the strategy. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 708-709.	17.8	11
44	Surgeon as Basic Bench Scientist: A Play in Three Acts. Journal of Surgical Research, 2019, 241, 336-342.	1.6	9
45	International Cancer Microbiome Consortium consensus statement on the role of the human microbiome in carcinogenesis. Gut, 2019, 68, 1624-1632.	12.1	173
46	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.	1.3	17
47	Geometric Singularities in Anastomotic Wall Stress and Perturbed Flow as Applied to Gastrointestinal Surgery. Journal of the American College of Surgeons, 2019, 229, S97-S98.	0.5	0
48	Microbiome Medicine: This Changes Everything. Journal of the American College of Surgeons, 2018, 226, 719-729.	0.5	28
49	Novel de novo synthesized phosphate carrier compound ABA-PEG20k-Pi20 suppresses collagenase production in Enterococcus faecalis and prevents colonic anastomotic leak in an experimental model. British Journal of Surgery, 2018, 105, 1368-1376.	0.3	40
50	Hypermetabolism and Nutritional Support in Sepsis. Surgical Infections, 2018, 19, 163-167.	1.4	11
51	Gut microbiome influences on anastomotic leak and recurrence rates following colorectal cancer surgery. British Journal of Surgery, 2018, 105, e131-e141.	0.3	120
52	Oral Polyphosphate Suppresses Bacterial Collagenase Production and Prevents Anastomotic Leak Due to Serratia marcescens and Pseudomonas aeruginosa. Annals of Surgery, 2018, 267, 1112-1118.	4.2	61
53	Can Methicillin-resistant Staphylococcus aureus Silently Travel From the Gut to the Wound and Cause Postoperative Infection? Modeling the â€œTrojan Horse Hypothesisâ€• Annals of Surgery, 2018, 267, 749-758.	4.2	69
54	Influence of the intestinal microbiome on anastomotic healing in the colon and rectum. Seminars in Colon and Rectal Surgery, 2018, 29, 2-7.	0.3	2

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55	The influence of intestinal microbiome on wound healing and infection. Seminars in Colon and Rectal Surgery, 2018, 29, 17-20.	0.3	4
56	El ambiente de la herida, la virulencia microbiana y la infecciÃ³n postoperatoria: lecciones prÃ¡cticas para el cirujano. CirugÃa EspaÃ±ola, 2018, 96, 612-619.	0.2	6
57	The Wound Environment, Microbial Virulence and Postoperative Infection: Practical Lessons for the Surgeon. CirugÃa EspaÃ±ola (English Edition), 2018, 96, 612-619.	0.1	2
58	Ionic Modulation of Bacterial Virulence and Its Role in Surgical Infection. Surgical Infections, 2018, 19, 769-773.	1.4	4
59	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.	2.2	15
60	The gut microbiome and the mechanism of surgical infection. British Journal of Surgery, 2017, 104, e14-e23.	0.3	75
61	Smoking and Postoperative Surgical Site Infection. JAMA Surgery, 2017, 152, 484.	4.3	6
62	Critical role of microbiota within cecal crypts on the regenerative capacity of the intestinal epithelium following surgical stress. American Journal of Physiology - Renal Physiology, 2017, 312, G112-G122.	3.4	27
63	Stochasticity among Antibiotic-Resistance Profiles of Common Burn-Related Pathogens over a Six-Year Period. Surgical Infections, 2017, 18, 327-335.	1.4	11
64	Collapse of the Microbiome, Emergence of the Pathobiome, and the Immunopathology of Sepsis. Critical Care Medicine, 2017, 45, 337-347.	0.9	134
65	Optimum Operating Room Environment for the Prevention of Surgical Site Infections. Surgical Infections, 2017, 18, 503-507.	1.4	22
66	Fecal Micobiota Transplantation to Treat Sepsis of Unclear Etiology*. Critical Care Medicine, 2017, 45, 1106-1107.	0.9	10
67	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.	0.5	17
68	Bacterial colonization and succession in a newly opened hospital. Science Translational Medicine, 2017, 9, .	12.4	248
69	Influence of nutrition therapy on the intestinal microbiome. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 131-137.	2.5	34
70	Modeling Acinetobacter baumannii wound infections. Journal of Trauma and Acute Care Surgery, 2017, 82, 557-565.	2.1	17
71	De Novo Synthesis of Phosphorylated Triblock Copolymers with Pathogen Virulence-Suppressing Properties That Prevent Infection-Related Mortality. ACS Biomaterials Science and Engineering, 2017, 3, 2076-2085.	5.2	9
72	De Novo Synthesis and Functional Analysis of Polyphosphate-Loaded Poly(Ethylene) Glycol Hydrogel Nanoparticles Targeting Pyocyanin and Pyoverdin Production in Pseudomonas aeruginosa as a Model Intestinal Pathogen. Annals of Biomedical Engineering, 2017, 45, 1058-1068.	2.5	20

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73	The gut microbiota and gastrointestinal surgery. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 43-54.	17.8	142
74	The Influence of Host Stress on the Mechanism of Infection: Lost Microbiomes, Emergent Pathobiomes, and the Role of Interkingdom Signaling. Frontiers in Microbiology, 2017, 08, 322.	3.5	37
75	Media from macrophages co-incubated with Enterococcus faecalis induces epithelial cell monolayer reassembly and altered cell morphology. PLoS ONE, 2017, 12, e0182825.	2.5	7
76	The Shift of an Intestinal â€œMicrobiomeâ€•to a â€œPathobiomeâ€•Governs the Course and Outcome of Sepsis Following Surgical Injury. Shock, 2016, 45, 475-482.	2.1	130
77	The role of the microbiota in surgical recovery. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 347-352.	2.5	17
78	A Video Is Worth a Thousand Words. JAMA Surgery, 2016, 151, e160476.	4.3	1
79	Characteristics and Outcomes of Complicated Intra-abdominal Infections Involving Pseudomonas aeruginosa from a Randomized, Double-Blind, Phase 3 Ceftolozane-Tazobactam Study. Antimicrobial Agents and Chemotherapy, 2016, 60, 4387-4390.	3.2	31
80	Morphine Promotes Colonization of Anastomotic Tissues with Collagenase - Producing Enterococcus faecalis and Causes Leak. Journal of Gastrointestinal Surgery, 2016, 20, 1744-1751.	1.7	43
81	Long-term comparison of nutritional deficiencies after duodenal switch versus gastric bypass in the super-obese (BMIâ‰¥50 kg/m2). Surgery for Obesity and Related Diseases, 2016, 12, S42-S43.	1.2	1
82	The intestinal microbiome and surgical disease. Current Problems in Surgery, 2016, 53, 257-293.	1.1	24
83	Insights into the pathogenesis of ulcerative colitis from a murine model of stasis-induced dysbiosis, colonic metaplasia, and genetic susceptibility. American Journal of Physiology - Renal Physiology, 2016, 310, G973-G988.	3.4	22
84	Prevention of Perioperative Anastomotic Healing Complications. Advances in Surgery, 2016, 50, 129-141.	1.3	53
85	C. elegansand mutants with chronic nicotine exposure as a novel model of cancer phenotype. Cancer Biology and Therapy, 2016, 17, 91-103.	3.4	3
86	Stool consistency as a major confounding factor affecting microbiota composition: an ignored variable?. Gut, 2016, 65, 1-2.	12.1	27
87	Pseudomonas aeruginosa wound infection involves activation of its iron acquisition system in response to fascial contact. Journal of Trauma and Acute Care Surgery, 2015, 78, 823-829.	2.1	22
88	Collagen degradation and MMP9 activation by Enterococcus faecalis contribute to intestinal anastomotic leak. Science Translational Medicine, 2015, 7, 286ra68.	12.4	287
89	Valuable heartburn data that may be difficult to swallow. Surgery for Obesity and Related Diseases, 2015, 11, 229.	1.2	0
90	Critical Illness and Intestinal Microflora: pH as a Surrogate Marker. , 2015, , 397-404.		0

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91	Membership and Behavior of Ultra-Low-Diversity Pathogen Communities Present in the Gut of Humans during Prolonged Critical Illness. MBio, 2014, 5, e01361-14.	4.1	278
92	Emergence of the P2 Phenotype in Pseudomonas aeruginosa PAO1 Strains Involves Various Mutations in mexT or mexF. Journal of Bacteriology, 2014, 196, 504-513.	2.2	34
93	Intestinal anastomotic injury alters spatially defined microbiome composition and function. Microbiome, 2014, 2, 35.	11.1	126
94	Phosphate-Containing Polyethylene Glycol Polymers Prevent Lethal Sepsis by Multidrug-Resistant Pathogens. Antimicrobial Agents and Chemotherapy, 2014, 58, 966-977.	3.2	53
95	The Opposing Forces of the Intestinal Microbiome and the Emerging Pathobiome. Surgical Clinics of North America, 2014, 94, 1151-1161.	1.5	42
96	Localization of DING proteins on PstS-containing outer-surface appendages ofPseudomonas aeruginosa. FEMS Microbiology Letters, 2014, 352, 54-61.	1.8	10
97	Surgery for fulminant Clostridium difficile infection. Seminars in Colon and Rectal Surgery, 2014, 25, 150-152.	0.3	0
98	Microscopic Analysis: Morphotypes and Cellular Appendages. Methods in Molecular Biology, 2014, 1149, 99-107.	0.9	0
99	Critical Illness and the Intestinal Microflora: pH as a Surrogate Marker. , 2014, , 1-9.		1
100	Do We Really Know Why Colorectal Anastomoses Leak?. Journal of Gastrointestinal Surgery, 2013, 17, 1698-1707.	1.7	187
101	High molecular weight polyethylene glycol (PEG 15-20) maintains mucosal microbial barrier function during intestinal graft preservation. Journal of Surgical Research, 2013, 183, 869-875.	1.6	24
102	Duodenal switch associated with higher frequency of post-operative nutritional deficiency in the super-obese (BMI > 50 kg/m2) compared with gastric bypass. Journal of the American College of Surgeons, 2013, 217, S15.	0.5	0
103	Agent-based model of epithelial hostâ€“pathogen interactions in anastomotic leak. Journal of Surgical Research, 2013, 184, 730-738.	1.6	17
104	Predictors of Unsuccessful Laparoscopic Resection of Gastric Submucosal Neoplasms. Journal of Gastrointestinal Surgery, 2013, 17, 244-256.	1.7	2
105	The intestinal environment of surgical injury transforms Pseudomonas aeruginosa into a discrete hypervirulent morphotype capable of causing lethal peritonitis. Surgery, 2013, 153, 36-43.	1.9	47
106	A Catheter-Based Suture-Free Approach to Bilioenteric Anastomosis. Surgical Innovation, 2013, 20, 142-149.	0.9	1
107	Effect of Dietary Monosaccharides on Pseudomonas aeruginosa Virulence. Surgical Infections, 2013, 14, 35-42.	1.4	12
108	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

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109	The Hospital Microbiome Project: Meeting report for the 2nd Hospital Microbiome Project, Chicago, USA, January 15th, 2013. Standards in Genomic Sciences, 2013, 8, 571-579.	1.5	11
110	Murine Gut Microbiota and Transcriptome Are Diet Dependent. Annals of Surgery, 2013, 257, 287-294.	4.2	33
111	Pseudomonas aeruginosa Virulence Expression Is Directly Activated by Morphine and Is Capable of Causing Lethal Gut-Derived Sepsis in Mice During Chronic Morphine Administration. Annals of Surgery, 2012, 255, 386-393.	4.2	96
112	Immature Oxidative Stress Management as a Unifying Principle in the Pathogenesis of Necrotizing Enterocolitis: Insights from an Agent-Based Model. Surgical Infections, 2012, 13, 18-32.	1.4	44
113	Novel Model To Study Combined Effects of Microorganisms and Oxidants on Development of Intestinal Necrosis. Surgical Infections, 2012, 13, 238-244.	1.4	1
114	Integration of <scp>TGF</scp>â€Î²â€and <scp>EGFR</scp>â€based signaling pathways using an agentâ€based model of epithelial restitution. Wound Repair and Regeneration, 2012, 20, 862-863.	3.0	25
115	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.	2.5	65
116	Pseudomonas aeruginosa Overrides the Virulence Inducing Effect of Opioids When It Senses an Abundance of Phosphate. PLoS ONE, 2012, 7, e34883.	2.5	64
117	Intestinal Tissues Induce an SNP Mutation in Pseudomonas aeruginosa That Enhances Its Virulence: Possible Role in Anastomotic Leak. PLoS ONE, 2012, 7, e44326.	2.5	151
118	Protocol for Metatranscriptomic analysis of Intestinal Microbiota. Nature Precedings, 2012, , .	0.1	0
119	Outcomes of multivisceral resection of gastric gastrointestinal stromal tumors.. Journal of Clinical Oncology, 2012, 30, 91-91.	1.6	0
120	Outcomes of multivisceral resection of gastric gastrointestinal stromal tumors.. Journal of Clinical Oncology, 2012, 30, 10090-10090.	1.6	0
121	Contributions of Intestinal Bacteria to Nutrition and Metabolism in the Critically Ill. Surgical Clinics of North America, 2011, 91, 771-785.	1.5	157
122	Prevention of siderophore- mediated gut-derived sepsis due to P. aeruginosacan be achieved without iron provision by maintaining local phosphate abundance: role of pH. BMC Microbiology, 2011, 11, 212.	3.3	35
123	The Human Microbiome and Surgical Disease. Annals of Surgery, 2011, 253, 1094-1101.	4.2	59
124	Diverting Loop Ileostomy and Colonic Lavage. Annals of Surgery, 2011, 254, 423-429.	4.2	306
125	Host Stress and Virulence Expression in Intestinal Pathogens: Development of Therapeutic Strategies Using Mice and C. elegans. Current Pharmaceutical Design, 2011, 17, 1254-1260.	1.9	30
126	Pseudomonas aeruginosa Potentiates the Lethal Effect of Intestinal Ischemia-Reperfusion Injury: The Role of In Vivo Virulence Activation. Journal of Trauma, 2011, 71, 1575-1582.	2.3	21

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127	History, Goals, and Technique of Laparoscopic Pancreatic Necrosectomy. Journal of Gastrointestinal Surgery, 2011, 15, 1092-1097.	1.7	10
128	Agent-based dynamic knowledge representation of Pseudomonas aeruginosa virulence activation in the stressed gut: Towards characterizing host-pathogen interactions in gut-derived sepsis. Theoretical Biology and Medical Modelling, 2011, 8, 33.	2.1	34
129	Diet creates metabolic niches in the "immature gut" that shape microbial communities. Nutricion Hospitalaria, 2011, 26, 1283-95.	0.3	55
130	Polymer therapeutics move into the sepsis space*. Critical Care Medicine, 2010, 38, 730-731.	0.9	0
131	Stapling and Sleeve. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2010, 20, 141-145.	0.8	2
132	Laser capture microdissection and metagenomic analysis of intact mucosa-associated microbial communities of human colon. Applied Microbiology and Biotechnology, 2010, 88, 1333-1342.	3.6	42
133	Duodenal Switch Provides Superior Resolution of Metabolic Comorbidities Independent of Weight Loss in the Super-obese (BMIâ€‰â‰¥â€‰50Âkg/m2) Compared with Gastric Bypass. Journal of Gastrointestinal Surgery, 2010, 14, 211-220.	1.7	114
134	Diagnosis and Treatment of Atypical Presentations of Hiatal Hernia Following Bariatric Surgery. Obesity Surgery, 2010, 20, 386-392.	2.1	24
135	The molecular Koch's postulates and surgical infection: A view forward. Surgery, 2010, 147, 757-765.	1.9	33
136	Phenotype transformation of intestinal P. aeruginosa in response to surgical injury shifts its virulence to cause lethal peritonitis. Journal of the American College of Surgeons, 2010, 211, S41-S42.	0.5	0
137	Gut Microbial Gene Expression in Mother-Fed and Formula-Fed Piglets. PLoS ONE, 2010, 5, e12459.	2.5	98
138	Gastroesophageal reflux disease and severe obesity: Fundoplication or bariatric surgery?. World Journal of Gastroenterology, 2010, 16, 3757.	3.3	107
139	Changes in Desired Body Shape After Bariatric Surgery. Eating Disorders, 2010, 18, 347-354.	3.0	15
140	Redefining the Role of Intestinal Microbes in the Pathogenesis of Necrotizing Enterocolitis. Pediatrics, 2010, 125, 777-785.	2.1	182
141	Avoiding Colectomy during Surgical Management of FulminantClostridium difficileColitis. Surgical Infections, 2010, 11, 299-305.	1.4	46
142	The Microbial Endocrinology of Pseudomonas aeruginosa. , 2010, , 167-179.		0
143	Duodenal Switch Gastric Bypass Surgery for Morbid Obesity: Imaging of Postsurgical Anatomy and Postoperative Gastrointestinal Complications. American Journal of Roentgenology, 2009, 193, 1576-1580.	2.2	24
144	Red death in Caenorhabditis elegans caused by Pseudomonas aeruginosa PAO1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6327-6332.	7.1	196

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145	Oral PEG 15â€“20 protects the intestine against radiation: role of lipid rafts. American Journal of Physiology - Renal Physiology, 2009, 297, G1041-G1052.	3.4	28
146	Compensatory eating disorder behaviors and gastric bypass surgery outcome. International Journal of Eating Disorders, 2009, 42, 363-366.	4.0	8
147	Societal interactions in ovarian cancer metastasis: a quorum-sensing hypothesis. Clinical and Experimental Metastasis, 2009, 26, 67-76.	3.3	48
148	Bariatric Surgery: A History of Empiricism, a Future in Science. Journal of Gastrointestinal Surgery, 2009, 13, 465-477.	1.7	23
149	Body Mass Index as a Predictor of 1-year Outcome in Gastric Bypass Surgery. Obesity Surgery, 2009, 19, 1240-1242.	2.1	16
150	The Role of Malabsorption in Bariatric Surgery. World Journal of Surgery, 2009, 33, 1989-1994.	1.6	11
151	Protective effects of high-molecular weight Polyethylene Glycol (PEG) in human lung endothelial cell barrier regulation: Role of actin cytoskeletal rearrangement. Microvascular Research, 2009, 77, 174-186.	2.5	43
152	Vitamin D deficiency in preoperative bariatric surgery patients. Surgery for Obesity and Related Diseases, 2009, 5, 54-59.	1.2	64
153	Depletion of intestinal phosphate after operative injury activates the virulence of P aeruginosa causing lethal gut-derived sepsis. Surgery, 2008, 144, 189-197.	1.9	105
154	The re-emerging role of the intestinal microflora in critical illness and inflammation: why the gut hypothesis of sepsis syndrome will not go away. Journal of Leukocyte Biology, 2008, 83, 461-466.	3.3	128
155	Structureâ€“Function Aspects of PstS in Multi-Drugâ€“Resistant Pseudomonas aeruginosa. PLoS Pathogens, 2008, 4, e43.	4.7	61
156	Imaging Findings in Roux-en-O and Other Misconstructions: Rare but Serious Complications of Roux-en-Y Gastric Bypass Surgery. American Journal of Roentgenology, 2008, 190, 367-373.	2.2	18
157	Dynorphin Activates Quorum Sensing Quinolone Signaling in Pseudomonas aeruginosa. PLoS Pathogens, 2007, 3, e35.	4.7	170
158	Recognition of intestinal epithelial HIF-1Î± activation by Pseudomonas aeruginosa. American Journal of Physiology - Renal Physiology, 2007, 292, G134-G142.	3.4	59
159	Predictors of Patient Selection in Bariatric Surgery. Annals of Surgery, 2007, 245, 59-67.	4.2	70
160	The Bacillus subtilis Quorum-Sensing Molecule CSF Contributes to Intestinal Homeostasis via OCTN2, a Host Cell Membrane Transporter. Cell Host and Microbe, 2007, 1, 299-308.	11.0	218
161	Safety, feasibility, and outcome of retrievable vena cava filters in high-risk surgical patients. Journal of Vascular Surgery, 2007, 45, 784-788.	1.1	62
162	NOTES: A Surgeon's Perspective. Gastrointestinal Endoscopy Clinics of North America, 2007, 17, 605-610.	1.4	3

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163	Depressed Mood in Class III Obesity Predicted by Weight-Related Stigma. Obesity Surgery, 2007, 17, 669-671.	2.1	70
164	Emotional Eating in a Morbidly Obese Bariatric Surgery-Seeking Population. Obesity Surgery, 2007, 17, 778-784.	2.1	80
165	Considerations for the use of the Beck Depression Inventory in the Assessment of Weight-Loss Surgery Seeking Patients. Obesity Surgery, 2007, 17, 1097-1101.	2.1	38
166	Why Patients Seek Bariatric Surgery: A Qualitative and Quantitative Analysis of Patient Motivation. Obesity Surgery, 2007, 17, 1487-1491.	2.1	119
167	Who are todayâ€™s bariatric surgeons and which ones join the ASBS?. Surgery for Obesity and Related Diseases, 2006, 2, 112-116.	1.2	5
168	Use of double-balloon enteroscopy to perform PEG in the excluded stomach after Roux-en-Y gastric bypass. Gastrointestinal Endoscopy, 2006, 64, 797-800.	1.0	70
169	Duodenal Switch Provides Superior Weight Loss in the Super-Obese (BMI ???50kg/m2) Compared With Gastric Bypass. Transactions of the Meeting of the American Surgical Association, 2006, 124, 276-284.	2.8	93
170	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.	3.8	56
171	The Use of Multidisciplinary Teams to Evaluate Bariatric Surgery Patients: Results from a National Survey in the U.S.A.. Obesity Surgery, 2006, 16, 59-66.	2.1	43
172	Pre-Surgery Binge Eating Status: Effect on Eating Behavior and Weight Outcome after Gastric Bypass. Obesity Surgery, 2006, 16, 1198-1204.	2.1	85
173	Chronic acid water feeding protects mice against lethal gut-derived sepsis due to Pseudomonas aeruginosa. Current Issues in Intestinal Microbiology, 2006, 7, 19-28.	2.5	8
174	The impact of stress and nutrition on bacterialâ€“host interactions at the intestinal epithelial surface. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 205-209.	2.5	89
175	Components of intestinal epithelial hypoxia activate the virulence circuitry of Pseudomonas. American Journal of Physiology - Renal Physiology, 2005, 288, G1048-G1054.	3.4	35
176	Luminal bacterial flora determines physiological expression of intestinal epithelial cytoprotective heat shock proteins 25 and 72. American Journal of Physiology - Renal Physiology, 2005, 288, G696-G704.	3.4	104
177	Surgical Injury and Metabolic Stress Enhance the Virulence of the Human Opportunistic PathogenPseudomonas aeruginosa. Surgical Infections, 2005, 6, 185-195.	1.4	27
178	Recognition of Host Immune Activation by Pseudomonas aeruginosa. Science, 2005, 309, 774-777.	12.6	301
179	A Differentiation-dependent Splice Variant of Myosin Light Chain Kinase, MLCK1, Regulates Epithelial Tight Junction Permeability. Journal of Biological Chemistry, 2004, 279, 55506-55513.	3.4	151
180	Psychosocial Outcome of Gastric Bypass Surgery for Patients With and Without Binge Eating. Obesity Surgery, 2004, 14, 975-985.	2.1	82

#	Article	IF	Citations
181	Outcome following Gastric Bypass Surgery: Impact of Past Sexual Abuse. Obesity Surgery, 2004, 14, 170-174.	2.1	39
182	High-molecular-weight polyethylene glycol prevents lethal sepsis due to intestinal Pseudomonas aeruginosa. Gastroenterology, 2004, 126, 488-498.	1.3	71
183	Binge Eating and Eatingâ€Related Cognitions and Behavior in Ethnically Diverse Obese Women. Obesity, 2003, 11, 1002-1009.	4.0	13
184	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.	4.2	65
185	Influence of the critically ill state on host-pathogen interactions within the intestine: Gut-derived sepsis redefined. Critical Care Medicine, 2003, 31, 598-607.	0.9	208
186	Hand-Assisted Laparoscopic Surgery for Cancer. Cancer Journal (Sudbury, Mass), 2002, 8, 144-153.	2.0	7
187	Quality of Life after Gastric Bypass Surgery: A Crossâ€Sectional Study. Obesity, 2002, 10, 1135-1142.	4.0	130
188	The Effects of Roux-en-Y Gastric Bypass Surgery on Body Image. Obesity Surgery, 2002, 12, 265-269.	2.1	38
189	Surgical stress shifts the intestinal Eschericia coli population to that of a more adherent phenotype: Role in barrier regulation. Surgery, 2001, 130, 65-73.	1.9	23
190	Quality of Life and Psychosocial Adjustment in Patients after Roux-en-Y Gastric Report Bypass: A Brief Report. Obesity Surgery, 2001, 11, 32-39.	2.1	182
191	Gut-Derived Sepsis Occurs When the Right Pathogen With the Right Virulence Genes Meets the Right Host. Annals of Surgery, 2000, 232, 480-489.	4.2	186
192	The Key Role of Pseudomonas aeruginosa PA-I Lectin on Experimental Gut-Derived Sepsis. Annals of Surgery, 2000, 232, 133-142.	4.2	110
193	Continuous enteral nutrition attenuates pulmonary edema in rats exposed to 100% oxygen. Journal of Applied Physiology, 2000, 89, 1759-1765.	2.5	17
194	Laparoscopic intracavitary dÃ©bridement of peripancreatic necrosis: Preliminary report and description of the technique. Surgery, 2000, 127, 112-114.	1.9	51
195	Surgical Stress, Bacteria, and Mucosal Immune Function. European Journal of Pediatric Surgery, 1999, 9, 210-213.	1.3	8
196	The Impact of Morbid Obesity on Oxygen Cost of Breathing (VË™<scp>o</scp> _{2RESP}) at Rest. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 883-886.	5.6	267
197	PERTURBED BIOELECTRICAL PROPERTIES OF THE MOUSE CECUM FOLLOWING HEPATECTOMY AND STARVATION. Shock, 1999, 12, 235-241.	2.1	11
198	Increased Type 1 Fimbrial Expression among CommensalEscherichia coliIsolates in the Murine Cecum following Catabolic Stress. Infection and Immunity, 1999, 67, 745-753.	2.2	41

#	Article	IF	Citations
199	Effect of immunonutrition on virulence strategies in bacteria. Nutrition, 1998, 14, 580-584.	2.4	23
200	Are Physiological Effects of Sleep Deprivation in the Rat Mediated by Bacterial Invasion?. Sleep, 1996, 19, 554-562.	1.1	42
201	Characteristics of the intestinal epithelial barrier during dietary manipulation and glucocorticoid stress. Critical Care Medicine, 1996, 24, 635-641.	0.9	63
202	The effect of dexamethasone administration on rat intestinal permeability: The role of bacterial adherence. Gastroenterology, 1994, 106, 35-41.	1.3	79
203	Causes and consequences of bacterial adherence to mucosal epithelia during critical illness. New Horizons: an Official Publication of the Society of Critical Care Medicine, 1994, 2, 264-72.	0.1	5
204	The Importance of the Mucosal Immune System. Nutrition in Clinical Practice, 1992, 7, 99-99.	2.4	1
205	The effect of dexamethasone and endotoxin administration on biliary IgA and bacterial adherence. Journal of Surgical Research, 1992, 53, 450-454.	1.6	23
206	The Effect of Glucocorticoid Administration on Bacterial Translocation. Annals of Surgery, 1991, 214, 719-723.	4.2	80
207	Hepatitis prevalence in trauma patients. American Surgeon, 1991, 57, 385-7.	0.8	1
208	Carotid-esophageal Fistula following a Penetrating Neck Injury. Journal of Trauma, 1990, 30, 1588-1590.	2.3	10
209	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.	2.6	87
210	Effects of Glutamine-Supplemented Diets on Immunology of the Gut. Journal of Parenteral and Enteral Nutrition, 1990, 14, 109S-113S.	2.6	113
211	Temporary Loss of Limb Function Secondary to Soft Tissue Calcification in a Patient With Rhabdomyolysis-Induced Acute Renal Failure. American Journal of Kidney Diseases, 1990, 16, 491-494.	1.9	4
212	Biliary Secretory IgA Levels in Rats with Protein-Calorie Malnutrition. Annals of Surgery, 1988, 207, 635.	4.2	7
213	Total parenteral nutrition promotes bacterial translocation from the gut. Surgery, 1988, 104, 185-90.	1.9	135
214	Does a localized intra-abdominal abscess produce a positive peritoneal lavage?. Journal of Surgical Education, 1988, 45, 302-3.	0.7	0
215	Diagnostic peritoneal lavage in intra-abdominal sepsis. American Surgeon, 1988, 54, 456-9.	0.8	8
216	The Effect of Parenteral Nutrition on Gastrointestinal Immunity. Annals of Surgery, 1985, 202, 681-684.	4.2	324

#	Article	IF	Citations
217	The effect of route of nutrient administration on the secretory immune system. Journal of Surgical Education, 1985, 42, 10-3.	0.7	9
218	Mortality in Retroperitoneal Hematoma. Journal of Trauma, 1984, 24, 1022-1027.	2.3	40