

Shaihong Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

745
citations

687363

13
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72
all docs

72
docs citations

72
times ranked

909
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid biopsy at the frontier of detection, prognosis and progression monitoring in colorectal cancer. <i>Molecular Cancer</i> , 2022, 21, 86.	19.2	72
2	The Regulation and Function of miR-21-FOXO3a-miR-34b/c Signaling in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3148-3162.	4.1	50
3	The first clinical use of domestically produced Chinese minimally invasive surgical robot system "Micro Hand S": <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 2649-2655.	2.4	43
4	Boron neutron capture therapy for malignant melanoma: first clinical case report in China. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2016, 28, 634-640.	2.2	40
5	Regulation of autophagy by systemic admission of microRNA-141 to target HMGB1 in l-arginine-induced acute pancreatitis in vivo. <i>Pancreatology</i> , 2016, 16, 337-346.	1.1	36
6	From genetics and epigenetics to the future of precision treatment for obesity. <i>Gastroenterology Report</i> , 2017, 5, 266-270.	1.3	30
7	MiR-499/PRDM16 axis modulates the adipogenic differentiation of mouse skeletal muscle satellite cells. <i>Human Cell</i> , 2018, 31, 282-291.	2.7	30
8	MicroRNA-145 and MicroRNA-133a Inhibited Proliferation, Migration, and Invasion, While Promoted Apoptosis in Hepatocellular Carcinoma Cells Via Targeting FSCN1. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3044-3052.	2.3	29
9	Domestically produced Chinese minimally invasive surgical robot system "Micro Hand S" is applied to clinical surgery preliminarily in China. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 487-493.	2.4	28
10	Chinese surgical robot micro hand S: A consecutive case series in general surgery. <i>International Journal of Surgery</i> , 2020, 75, 55-59.	2.7	22
11	Heat-up synthesis of AgInS and AgInS/ZnS nanocrystals: Effect of indium precursors on their optical properties. <i>Journal of Alloys and Compounds</i> , 2016, 665, 137-143.	5.5	20
12	The Effect of Bariatric Surgery on Asian Patients with Type 2 Diabetes Mellitus and Body Mass Index $\leq 30 \text{ kg/m}^2$: a Systematic Review and Meta-analysis. <i>Obesity Surgery</i> , 2019, 29, 2492-2502.	2.1	19
13	Bariatric Surgery Improves Nonalcoholic Fatty Liver Disease: Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2022, 32, 1872-1883.	2.1	19
14	Preliminary exploration of robotic complete mesocolic excision for colon cancer with the domestically produced Chinese minimally invasive Micro Hand S surgical robot system. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020, 16, 1-8.	2.3	17
15	TyG Index Performs Better Than HOMA-IR in Chinese Type 2 Diabetes Mellitus with a BMI $\leq 35 \text{ kg/m}^2$: A Hyperglycemic Clamp Validated Study. <i>Medicina (Lithuania)</i> , 2022, 58, 876.	2.0	17
16	The severity of postoperative complications after robotic versus laparoscopic surgery for rectal cancer: A systematic review, meta-analysis and meta-regression. <i>PLoS ONE</i> , 2020, 15, e0239909.	2.5	15
17	Farnesoid X receptor interacts with cAMP response element binding protein to modulate glucagon-like peptide-1 (7-36) amide secretion by intestinal L cell. <i>Journal of Cellular Physiology</i> , 2019, 234, 12839-12846.	4.1	14
18	Can low BMI Chinese patients with type 2 diabetes benefit from laparoscopic Roux-en-Y gastric bypass surgery?. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 1890-1895.	1.2	13

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19	<i>GLP1R</i> Single-Nucleotide Polymorphisms rs3765467 and rs10305492 Affect β Cell Insulin Secretory Capacity and Apoptosis Through GLP-1. <i>DNA and Cell Biology</i> , 2020, 39, 1700-1710.	1.9	13
20	Effect of Roux-en-Y Gastric Bypass for Patients with Type 2 Diabetes Mellitus and a BMI ≤ 32.5 kg/m ² : a 6-Year Study in Chinese Patients. <i>Obesity Surgery</i> , 2020, 30, 2631-2636.	2.1	13
21	Improvement of Renal Function After Bariatric Surgery: a Systematic Review and Meta-analysis. <i>Obesity Surgery</i> , 2021, 31, 4470-4484.	2.1	13
22	Insulin Resistance Remission Following Laparoscopic Roux-en-Y Gastric Bypass and Laparoscopic Sleeve Gastrectomy in Chinese Type 2 Diabetes Mellitus Patients With a Body Mass Index of 27.5–32.5 kg/m ² . <i>Frontiers in Physiology</i> , 2021, 12, 772577.	2.8	12
23	Comparison of the effects of Roux-en-Y gastrojejunostomy and LRYGB with small stomach pouch on type 2 diabetes mellitus in patients with BMI < 35 kg/m ² . <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1061-1068.	1.2	11
24	The MicroHand S robotic-assisted versus Da Vinci robotic-assisted radical resection for patients with sigmoid colon cancer: a single-center retrospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 3368-3374.	2.4	11
25	Silica nanoparticle is a possible safe carrier for gene therapy. <i>Science Bulletin</i> , 2005, 50, 2323-2327.	1.7	10
26	Building a framework for ergonomic research on laparoscopic instrument handles. <i>International Journal of Surgery</i> , 2016, 30, 74-82.	2.7	10
27	The Micro Hand S vs. da Vinci Surgical Robot-Assisted Surgery on Total Mesorectal Excision: Short-Term Outcomes Using Propensity Score Matching Analysis. <i>Frontiers in Surgery</i> , 2021, 8, 656270.	1.4	9
28	Preoperative Fasting C-Peptide Predicts Type 2 Diabetes Mellitus Remission in Low-BMI Chinese Patients After Roux-en-Y Gastric Bypass. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 1672-1678.	1.7	8
29	The NF- κ B/miR-488/ERBB2 axis modulates pancreatic cancer cell malignancy and tumor growth through cell cycle signaling. <i>Cancer Biology and Therapy</i> , 2022, 23, 294-309.	3.4	8
30	The role of foregut exclusion in the deterioration of glucose and lipid metabolism induced by a high-fat diet. <i>Diabetes Research and Clinical Practice</i> , 2016, 114, 83-92.	2.8	7
31	Using the hyperinsulinemic euglycemic clamp to assess insulin sensitivity at 3 months following Roux-en-Y gastric bypass surgery in type 2 diabetes patients with BMI < 35 kg/m ² in China. <i>International Journal of Surgery</i> , 2017, 38, 90-94.	2.7	7
32	Exendin-4 impairs the autophagic flux to induce apoptosis in pancreatic acinar AR42J cells by down-regulating LAMP-2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 294-301.	2.1	7
33	The "Micro Hand S" Robot-Assisted Versus Conventional Laparoscopic Right Colectomy: Short-Term Outcomes at a Single Center. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 363-368.	1.0	7
34	GLP-1-Induced AMPK Activation Inhibits PARP-1 and Promotes LXR-Mediated ABCA1 Expression to Protect Pancreatic β -Cells Against Cholesterol-Induced Toxicity Through Cholesterol Efflux. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 646113.	3.7	7
35	Biodistribution studies of boronophenylalanine in different types of skin melanoma. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109215.	1.5	6
36	Comparison of the short-term operative, Oncological, and Functional Outcomes between two types of robot-assisted total mesorectal excision for rectal cancer: Da Vinci versus Micro Hand S surgical robot. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2260.	2.3	6

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37	Robot-assisted sleeve gastrectomy in patients with obesity with a novel Chinese domestic MicroHand SII surgical system. <i>BMC Surgery</i> , 2021, 21, 260.	1.3	6
38	Management of BMI Is a Potential New Approach for the Prevention of Idiopathic Pulmonary Fibrosis. <i>Frontiers in Genetics</i> , 2022, 13, 821029.	2.3	6
39	The role of visceral adipose tissue on improvement in insulin sensitivity following Roux-en-Y gastric bypass: a study in Chinese diabetic patients with mild and central obesity. <i>Gastroenterology Report</i> , 2018, 6, 298-303.	1.3	5
40	Identifying a BRCA2 c.5722_5723del mutation in a Han-Chinese family with breast cancer. <i>Bioscience Reports</i> , 2019, 39, .	2.4	5
41	Predictors of Type 2 Diabetes Mellitus Remission After Metabolic Surgery in Asian Patients with a BMI < 32.5 kg/m ² . <i>Obesity Surgery</i> , 2021, 31, 4125-4133.	2.1	5
42	The fusion of autophagosome with lysosome is impaired in L-arginine-induced acute pancreatitis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 11164-70.	0.5	5
43	Population pharmacokinetics of omeprazole in obese and normal-weight adults. <i>Expert Review of Clinical Pharmacology</i> , 2022, 15, 461-471.	3.1	5
44	Initial experience of Chinese surgical robot "Micro Hand S" assisted versus open and laparoscopic total mesorectal excision for rectal cancer: Short-term outcomes in a single center. <i>Asian Journal of Surgery</i> , 2022, 45, 299-306.	0.4	4
45	Diagnostic accuracy of the visceral adiposity index in patients with metabolic-associated fatty liver disease: a meta-analysis. <i>Lipids in Health and Disease</i> , 2022, 21, 28.	3.0	4
46	The Relationship Between BMI, Body Composition, and Fat Mass Distribution in Rou-en-Y Gastric Bypass Patients. <i>Obesity Surgery</i> , 2020, 30, 1385-1391.	2.1	3
47	Comparison of the operative outcomes and learning curves between laparoscopic and "Micro Hand S" robot-assisted total mesorectal excision for rectal cancer: a retrospective study. <i>BMC Gastroenterology</i> , 2021, 21, 251.	2.0	3
48	The impact of robotic technology on the learning curve for robot-assisted gastrectomy in the initial clinical application stage. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 4171-4180.	2.4	3
49	First Experience with the Use of "Micro Hand S" Surgical Robot in Sleeve Gastrectomy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 810-814.	1.0	2
50	Effect of laparoscopic RouxenY gastric bypass on improvement of insulin resistance in Type 2 diabetic patients evaluated by hyperinsulinemic euglycemic clamp. <i>Journal of Central South University (Medical)</i> Tj ETQq0 0 0 ngBT /Overlock 10 T	0.0	0
51	A study on new method of noninvasive esophageal venous pressure measurement based on the airflow and laser detection technology. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S413-S422.	0.6	1
52	Effects of Roux-en-Y Gastric Bypass Versus Sleeve Gastrectomy on Body Composition for Patients with a BMI > 35 kg/m ² at 1 Year After Surgery. <i>Obesity Surgery</i> , 2022, 32, 1658-1666.	2.1	1
53	Lipid Accumulation Product Predicts Diabetes Remission After Bariatric Surgery in Chinese Patients with BMI > 35 kg/m ² : a Multicenter Cohort Study. <i>Obesity Surgery</i> , 2022, 32, 1935.	2.1	1
54	Comparison of the short-term efficacy of two types of robotic total mesorectal excision for rectal cancer. <i>Techniques in Coloproctology</i> , 2022, 26, 19-28.	1.8	1

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55	Laparoscopic Roux-en-Y gastric bypass in Type 2 diabetes mellitus patient with low body mass index and gastric stromal tumor: A case report. <i>Journal of Central South University (Medical Sciences)</i> , 2021, 46, 98-103.	0.1	1
56	Correlation analysis between eGFR _{crs} and SXscore in patients with diabetes. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 860-864.	1.8	0
57	Design of Virtual Fixtures for Robotic Cholecystectomy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 356-360.	1.0	0
58	Five-year Changes in Body Composition in Type 2 Diabetes Mellitus Patients with a BMI < 32.5 kg/m ² Undergoing Laparoscopic Roux-en-Y Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2021, 31, 3565-3570.	2.1	0
59	Revisional large gastric pouch with Roux-en-Y gastric bypass for patients with type 2 diabetes and a body mass index less than 35 kg/m ² : a cause and effect analysis. <i>Surgery Today</i> , 2021, , 1.	1.5	0
60	Effect of Roux-en-Y Gastric Bypass with Different Lengths of Biliopancreatic and Alimentary Limbs for Patients with Type 2 Diabetes Mellitus and a BMI < 35 kg/m ² : 5-Year Outcomes in Chinese Patients. <i>Obesity Surgery</i> , 2021, 31, 4877-4884.		0
61	Effect of sleeve gastrectomy on gastroesophageal reflux in patients with metabolic syndrome. <i>Journal of Central South University (Medical Sciences)</i> , 2020, 45, 328-333.	0.1	0