Karl Friedrich Kowalewski

List of Publications by Year
in descending order

60	1,306	430442 18	395343 33
papers	citations	h-index	g-index

62	62	62	1232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robotic-assisted cholecystectomy is superior to laparoscopic cholecystectomy in the initial training for surgical novices in an ex vivo porcine model: a randomized crossover study. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 1064-1079.	1.3	18
2	Holmium Versus Thulium Laser Enucleation of the Prostate: A Systematic Review and Meta-analysis of Randomized Controlled Trials. European Urology Focus, 2022, 8, 545-554.	1.6	30
3	Development and validity evidence of an objective structured assessment of technical skills score for minimally invasive linear-stapled, hand-sewn intestinal anastomoses: the A-OSATS score. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 4529-4541.	1.3	8
4	Robot-Assisted Simple Prostatectomy vs Endoscopic Enucleation of the Prostate: A Systematic Review and Meta-Analysis of Comparative Trials. Journal of Endourology, 2022, 36, 1018-1028.	1.1	13
5	Randomized controlled trial of robotic-assisted versus conventional laparoscopic fundoplication: 12Âyears follow-up. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 5627-5634.	1.3	7
6	Telestration with augmented reality for visual presentation of intraoperative target structures in minimally invasive surgery: a randomized controlled study. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 7453-7461.	1.3	8
7	Baseline Modified Glasgow Prognostic Score (mGPS) Predicts Radiologic Response and Overall Survival in Metastatic Hormone-sensitive Prostate Cancer Treated With Docetaxel Chemotherapy. Anticancer Research, 2022, 42, 1911-1918.	0.5	8
8	New Evidence and Innovative Approaches to Blinding in Robot-assisted Radical Cystectomy. European Urology, 2022, 81, 615-615.	0.9	2
9	Value of Radiomics of Perinephric Fat for Prediction of Intraoperative Complexity in Renal Tumor Surgery. Urologia Internationalis, 2022, 106, 604-615.	0.6	2
10	Pancreatic surgery with or without drainage: propensity score-matched study. British Journal of Surgery, 2022, 109, 739-745.	0.1	1
11	Comorbidity Scores and Machine Learning Methods Can Improve Risk Assessment in Radical Cystectomy for Bladder Cancer. Bladder Cancer, 2022, 8, 155-163.	0.2	1
12	Spectral organ fingerprints for machine learning-based intraoperative tissue classification with hyperspectral imaging in a porcine model. Scientific Reports, 2022, 12, .	1.6	17
13	Singleâ€•vs multipleâ€layer wound closure for flank incisions: results of a prospective, randomised, doubleâ€blinded multicentre study. BJU International, 2021, 127, 64-70.	1.3	3
14	Treatment decision satisfaction and regret after focal HIFU for localized prostate cancer. World Journal of Urology, 2021, 39, 1121-1129.	1.2	13
15	Functional outcomes after laparoscopic versus robotic-assisted rectal resection: a systematic review and meta-analysis. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 81-95.	1.3	43
16	Re: Editorial Comment from Dr Bertolo etÂal. to Partial nephrectomy preserves renal function without increasing the risk of complications compared with radical nephrectomy for renal cell carcinomas of stages pT2â€“3a. International Journal of Urology, 2021, 28, 133-133.	0.5	0
17	The Comprehensive Complication Index for Advanced Monitoring of Complications Following Endoscopic Surgery of the Lower Urinary Tract. Journal of Endourology, 2021, 35, 490-496.	1.1	7
18	The comprehensive complication index (CCI): proposal of a new reporting standard for complications in major urological surgery. World Journal of Urology, 2021, 39, 1631-1639.	1.2	28

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19	Robotic-Assisted Versus Conventional Open Partial Nephrectomy (Robocop): A Propensity Score-Matched Analysis of 249 Patients. Urologia Internationalis, 2021, 105, 490-498.	0.6	10
20	Frailty predicts outcome of partial nephrectomy and guides treatment decision towards active surveillance and tumor ablation. World Journal of Urology, 2021, 39, 2843-2851.	1.2	19
21	Surgical Performance Is Not Negatively Impacted by Wearing a Commercial Full-Face Mask with Ad Hoc 3D-Printed Filter Connection as a Substitute for Personal Protective Equipment during the COVID-19 Pandemic: A Randomized Controlled Cross-Over Trial. Journal of Clinical Medicine, 2021, 10, 550.	1.0	2
22	Peritoneal flap for lymphocele prophylaxis following robotic-assisted laparoscopic radical prostatectomy with pelvic lymph node dissection: study protocol and trial update for the randomized controlled PELYCAN study. Trials, 2021, 22, 236.	0.7	7
23	A comprehensive molecular characterization of the 8q22.2 region reveals the prognostic relevance of OSR2 mRNA in muscle invasive bladder cancer. PLoS ONE, 2021, 16, e0248342.	1.1	4
24	Radiomics in Renal Cell Carcinomaâ€”A Systematic Review and Meta-Analysis. Cancers, 2021, 13, 1348.	1.7	38
25	Triggers and oncologic outcome of salvage radical prostatectomy, salvage radiotherapy and active surveillance after focal therapy of prostate cancer. World Journal of Urology, 2021, 39, 3747-3754.	1.2	5
26	Systematic reviews in surgeryâ€”recommendations from the Study Center of the German Society of Surgery. Langenbeck's Archives of Surgery, 2021, 406, 1723-1731.	0.8	51
27	Impact of perioperative blood transfusions on oncologic outcomes after radical cystectomy: A systematic review and meta-analysis of comparative studies. Surgical Oncology, 2021, 38, 101592.	0.8	7
28	Machine Learning for Surgical Phase Recognition. Annals of Surgery, 2021, 273, 684-693.	2.1	135
29	ROBOCOP II (ROBOtic assisted versus conventional open partial nephrectomy) randomised, controlled feasibility trial: clinical trial protocol. BMJ Open, 2021, 11, e052087.	0.8	1
30	Comment on: "Predictive factors for opioid-free management after robotic radical prostatectomy: the value of a single-port robotic platform". Minerva Urology and Nephrology, 2021, 73, 677-679.	1.3	0
31	Self-directed training with e-learning using the first-person perspective for laparoscopic suturing and knot tying: a randomised controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 869-879.	1.3	13
32	Prophylactic abdominal or retroperitoneal drain placement in major uro-oncological surgery: a systematic review and meta-analysis of comparative studies on radical prostatectomy, cystectomy and partial nephrectomy. World Journal of Urology, 2020, 38, 1905-1917.	1.2	13
33	Learning Curves of Laparoscopic Roux-en-Y Gastric Bypass and Sleeve Gastrectomy in Bariatric Surgery: a Systematic Review and Introduction of a Standardization. Obesity Surgery, 2020, 30, 640-656.	1.1	61
34	A systematic review and meta-analysis of 30-day readmission rates following burns. Burns, 2020, 46, 1013-1020.	1.1	5
35	Laparoscopic Versus Open Pancreaticoduodenectomy. Annals of Surgery, 2020, 271, 54-66.	2.1	195
36	A Systematic Review of Learning Curves in Plastic and Reconstructive Surgery Procedures. Annals of Plastic Surgery, 2020, 85, 324-331.	0.5	9

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37	Partial nephrectomy preserves renal function without increasing the risk of complications compared with radical nephrectomy for renal cell carcinomas of stages pT2â€“3a. International Journal of Urology, 2020, 27, 906-913.	0.5	14
38	780 A Systematic Review and Meta-analysis of 30-day Readmission Rates Following Burns. Journal of Burn Care and Research, 2020, 41, S224-S224.	0.2	0
39	Citation classics in general medical journals: assessing the quality of evidence; a systematic review. Gastroenterology and Hepatology From Bed To Bench, 2020, 13, 101-114.	0.6	1
40	Interrupted versus Continuous Suturing for Vesicourethral Anastomosis During Radical Prostatectomy: A Systematic Review and Meta-analysis. European Urology Focus, 2019, 5, 980-991.	1.6	8
41	The Influence of Obesity on Treatment and Outcome of Severely Burned Patients. Journal of Burn Care and Research, 2019, 40, 996-1008.	0.2	9
42	Sensor-based machine learning for workflow detection and as key to detect expert level in laparoscopic suturing and knot-tying. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3732-3740.	1.3	41
43	Does rating with a checklist improve the effect of E-learning for cognitive and practical skills in bariatric surgery? A rater-blinded, randomized-controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 1532-1543.	1.3	16
44	One or two trainees per workplace for laparoscopic surgery training courses: results from a randomized controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 1523-1531.	1.3	20
45	The Heidelberg VR Score: development and validation of a composite score for laparoscopic virtual reality training. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2093-2103.	1.3	23
46	Skills in minimally invasive and open surgery show limited transferability to robotic surgery: results from a prospective study. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1656-1667.	1.3	49
47	LapTrain: multi-modality training curriculum for laparoscopic cholecystectomyâ€”results of a randomized controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 3830-3838.	1.3	44
48	Impact of visualâ€“spatial ability on laparoscopic camera navigation training. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1174-1183.	1.3	19
49	Halstedâ€™s â€œSee One, Do One, and Teach Oneâ€•versus Peytonâ€™s Four-Step Approach: A Randomized Trial for Training of Laparoscopic Suturing and Knot Tying. Journal of Surgical Education, 2018, 75, 510-515.	1.2	45
50	Pilot evaluation of an objective structured assessment of technical skills tool for chest tube insertion. GMS Journal for Medical Education, 2018, 35, Doc48.	0.1	0
51	Face validity of the pulsatile organ perfusion trainer for laparoscopic cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 714-722.	1.3	21
52	Validation of the mobile serious game application Touch Surgeryâ„¢ for cognitive training and assessment of laparoscopic cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 4058-4066.	1.3	59
53	Learning from the surgeon's real perspective - First-person view versus laparoscopic view in e-learning for training of surgical skills? Study protocol for a randomized controlled trial. International Journal of Surgery Protocols, 2017, 3, 7-13.	0.5	7
54	Study protocol for a randomized controlled trial on a multimodal training curriculum for laparoscopic cholecystectomy - LapTrain. International Journal of Surgery Protocols, 2017, 5, 11-14.	0.5	2

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55	App-based serious gaming for training of chest tube insertion: study protocol for a randomized controlled trial. Trials, 2017, 18, 56.	0.7	18
56	Does rating the operation videos with a checklist score improve the effect of E-learning for bariatric surgical training? Study protocol for a randomized controlled trial. Trials, 2017, 18, 134.	0.7	9
57	Development and validation of a sensor- and expert model-based training system for laparoscopic surgery: the iSurgeon. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 2155-2165.	1.3	56
58	Interrupted versus continuous suturing for vesicourethral anastomosis during radical prostatectomy: protocol for a systematic review and meta-analysis. BMJ Open, 2017, 7, e019823.	0.8	2
59	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tyingâ€"a randomized controlled trial â€œThe Shoebox Studyâ€•DRKS00008668. Langenbeck's Archives of Surgery, 2016, 401, 893-901.	0.8	31
60	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tying â€“ study protocol for a randomized controlled trial â€œThe shoebox studyâ€• Trials, 2016, 17, 14.	0.7	13