

# Nobuyoshi Takeshita

## List of Publications by Year in descending order

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17  
papers

488  
citations

840776

11  
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940533

16  
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18  
docs citations

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times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-based automatic surgical step recognition in intraoperative videos for transanal total mesorectal excision. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 1143-1151.	2.4	14
2	Artificial intelligence-based computer vision in surgery: Recent advances and future perspectives. <i>Annals of Gastroenterological Surgery</i> , 2022, 6, 29-36.	2.4	30
3	Real-time vascular anatomical image navigation for laparoscopic surgery: experimental study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 6105-6112.	2.4	7
4	Development and Validation of a 3-Dimensional Convolutional Neural Network for Automatic Surgical Skill Assessment Based on Spatiotemporal Video Analysis. <i>JAMA Network Open</i> , 2021, 4, e2120786.	5.9	21
5	Real-time automatic surgical phase recognition in laparoscopic sigmoidectomy using the convolutional neural network-based deep learning approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 4924-4931.	2.4	87
6	Automated laparoscopic colorectal surgery workflow recognition using artificial intelligence: Experimental research. <i>International Journal of Surgery</i> , 2020, 79, 88-94.	2.7	68
7	Global Evaluative Assessment of Robotic Skills in Endoscopy (GEARS-E): objective assessment tool for master and slave transluminal endoscopic robot. <i>Endoscopy International Open</i> , 2018, 06, E1065-E1069.	1.8	11
8	Pluronic F127 blended polycaprolactone scaffolds via e-jetting for esophageal tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 140.	3.6	25
9	Feasibility of performing esophageal endoscopic submucosal dissection using master and slave transluminal endoscopic robot. <i>Endoscopy</i> , 2017, 49, E27-E28.	1.8	16
10	Raman Spectroscopy for the Endoscopic Diagnosis of Esophageal, Gastric, and Colonic Diseases. <i>Clinical Endoscopy</i> , 2016, 49, 404-407.	1.5	32
11	Endoscopic Closure for Full-Thickness Gastrointestinal Defects: Available Applications and Emerging Innovations. <i>Clinical Endoscopy</i> , 2016, 49, 438-443.	1.5	14
12	Treatment of Near-Infrared Photodynamic Therapy Using a Liposomally Formulated Indocyanine Green Derivative for Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0122849.	2.5	14
13	Detection of peritoneal dissemination with near-infrared fluorescence laparoscopic imaging using a liposomal formulation of a synthesized indocyanine green liposomal derivative. <i>Anticancer Research</i> , 2015, 35, 1353-9.	1.1	10
14	A 3-Step Gradual Dilation Method. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2014, 24, e140-e142.	0.8	4
15	Role of IGFBP4 and IGF-I expression in esophageal squamous cell carcinoma. <i>Esophagus</i> , 2013, 10, 79-85.	1.9	1
16	High-resolution impedance manometric findings after surgery for epiphrenic diverticulum. <i>Esophagus</i> , 2013, 10, 223-229.	1.9	0
17	The Overall Prevalence of Metastasis in T1 Esophageal Squamous Cell Carcinoma. <i>Annals of Surgery</i> , 2013, 257, 1032-1038.	4.2	134