

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
	該当なし						

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
R Hachiuma, T Shimizu, H Saito, H Kajita, Y Takatsume	Deep Selection: A Fully Supervised Camera Selection Network for Surgery Recordings	Medical Image Computing and Computer Assisted Intervention – MICCAI 2020	12263(3)	419 - 428	2020
K Yoshida, R Hachiuma, J Pan, H Kajita, T Hayashida, M Sugimoto	Learning Gaze for AI Based Spatial Video Editing in Egocentric Surgical Videos	Proceedings of the 16th Asian Conference on Computer Aided Surgery (ACCAS2020)		62 - 63	2020
H Tomita, K Yoshida, R Hachiuma, H Kajita, T Hayashida, N Inenaga, M Sugimoto	Predicting Gaze of Surgeon by Hand Regions in First-Person Surgical Video	Proceedings of the 16th Asian Conference on Computer Aided Surgery (ACCAS2020)	—	64 - 65	2020
K Yoshida, R Hachiuma, J Pan, H Kajita, T Hayashida, M Sugimoto	Smart Surgical Light: Identification of Surgical Field States Using Time of Flight Sensors	Proceedings of the 16th Asian Conference on Computer Aided Surgery (ACCAS2020)	—	122 - 123	2020
T Shimizu, R Hachiuma, H Kajita, Y Takatsume, H Saito	Hand Motion-Aware Surgical Tool Localization and Classification from an Egocentric Camera	Journal of Imaging	7(2)	15 - (online)	2021

Yuki Saito, Ryo Hachiuma, Hideo Saito, Hiroki Kajita, Yoshifumi Takatsume, Tetsu Hayashida	Camera Selection for Occlusion-Less Surgery Recording via Training with an Egocentric Camera	IEEE Access	9	138307-138322	2021
Yuta Itabashi, Fumihiko Nakamura, Hiroki Kajita, Hideo Saito, Maki Sugimoto	Smart Surgical Light: Identification of Surgical Field States Using Time of Flight Sensors	Journal of Medical Robotics Research	Online Ready	online	2021
Keitaro Yoshida, Ryo Hachiuma, Hisako Tomita, Jingjing Pan, Kris Kitani, Hiroki Kajita, Tetsu Hayashida, Maki Sugimoto	Spatiotemporal Video Highlight by Neural Network Considering Gaze and Hands of Surgeon in Egocentric Surgical Videos	Proceedings of the 16th Asian Conference on Computer Aided Surgery (ACCAS2020)	7 (1)	online	2021
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斎藤英雄	AIを活用した手術動画の記録と解析	電波技術協会報 FORN	340	22 - 25	2021
杉本麻樹, 梶田大樹, 林田哲, 北川雄光	手術映像におけるAIによる時間的・空間的推定技術の確立と応用	臨床雑誌外科	83(11)	22-25	2021
高詰佳史, 梶田大樹, 岡部圭介, 飯田千絵	手術動画は患者サービスの質的向上に貢献するか	医療の広場	61(12)	9-12	2021
藤井亮輔, 梶田大樹, 高詰佳史, 青木義満	複数術野視点映像を用いた機械学習による外科手術工程の自動分類	第40回日本医用画像工学会大会予稿集	-	499-502	2021

梶田大樹, 斎藤英雄	医療安全視点からのマルチカメラ搭載無影灯とAIを活用した手術映像記録の意義	月刊新医療	49(2)	34-37	2022
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Ryo Fujii, Ryo Hachiuma, Hiroki Kajita, Hideo Saito	Surgical Tool Detection in Open Surgery Videos	Applied Sciences	12(20)	10473	2022
Haowen Hu, Ryo Hachiuma, Hideo Saito, Yoshifumi Takatsume, Hiroki Kajita	Multi-Camera Multi-Person Tracking and Re-Identification in an Operating Room	Journal of Imaging	8(8)	219	2022
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Mana Masuda, Hideo Saito, Yoshifumi Takatsume, Hiroki Kajita	Novel View Synthesis for Unseen Surgery Recordings	Proceedings of the 18th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications	5	944 - 949	2022
富田寿子, 家永直人, 梶田大樹, 林田 哲, 杉本麻樹	体内組織の識別による手術工程の解析	日本コンピュータ外科学会誌	24(2)	137	2022

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