

# Shengkui Gao

## List of Publications by Year in descending order

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17  
papers

641  
citations

1040056

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1281871

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17  
all docs

17  
docs citations

17  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilinear and bicubic interpolation methods for division of focal plane polarimeters. Optics Express, 2011, 19, 26161.	3.4	190
2	Real-Time Fluorescence Image-Guided Oncologic Surgery. Advances in Cancer Research, 2014, 124, 171-211.	5.0	128
3	Bioinspired Polarization Imaging Sensors: From Circuits and Optics to Signal Processing Algorithms and Biomedical Applications. Proceedings of the IEEE, 2014, 102, 1450-1469.	21.3	94
4	Gradient-based interpolation method for division-of-focal-plane polarimeters. Optics Express, 2013, 21, 1137.	3.4	82
5	Binocular Goggle Augmented Imaging and Navigation System provides real-time fluorescence image guidance for tumor resection and sentinel lymph node mapping. Scientific Reports, 2015, 5, 12117.	3.3	46
6	Optical See-Through Cancer Vision Goggles Enable Direct Patient Visualization and Real-Time Fluorescence-Guided Oncologic Surgery. Annals of Surgical Oncology, 2017, 24, 1897-1903.	1.5	35
7	Image overlay solution based on threshold detection for a compact near infrared fluorescence goggle system. Journal of Biomedical Optics, 2015, 20, 016018.	2.6	12
8	Engineering light-emitting diode surgical light for near-infrared fluorescence image-guided surgical systems. Journal of Biomedical Optics, 2014, 19, 076018.	2.6	11
9	Image interpolation methods evaluation for division of focal plane polarimeters. Proceedings of SPIE, 2011, , .	0.8	10
10	Gradient based interpolation for division of focal plane polarization imaging sensors. , 2012, , .		9
11	Compact wearable dual-mode imaging system for real-time fluorescence image-guided surgery. Journal of Biomedical Optics, 2015, 20, 096010.	2.6	9
12	Dual-mode optical imaging system for fluorescence image-guided surgery. Optics Letters, 2014, 39, 3830.	3.3	8
13	A 1300 &#x00D7; 800, 700 mW, 30 fps spectral polarization imager. , 2015, , .		4
14	A compact NIR fluorescence imaging system with goggle display for intraoperative guidance. , 2015, , .		2
15	Live demonstration: A compact NIR fluorescence imaging system design with goggle display for intraoperative guidance. , 2015, , .		1
16	Live demonstration: A 1300 &#x00D7; 800, 700 mW, 30 fps spectral polarization imager. , 2015, , .		0
17	Performance comparison of different compact NIR fluorescent imaging systems with goggle display for intraoperative image-guidance. , 2015, , .		0