Chongwei Chi

List of Publications by Year
in descending order

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Version: 2024-02-01

45 papers	2,457 citations	304743 22 h-index	330143 37 g-index
45 all docs	45 docs citations	45 times ranked	3657 citing authors

#	Article	IF	Citations
1	Efficacy of Near-Infrared Fluorescence-Guided Hepatectomy for the Detection of Colorectal Liver Metastases: A Randomized Controlled Trial. Journal of the American College of Surgeons, 2022, 234, 130-137.	0.5	20
2	Intraoperative fluorescence molecular imaging accelerates the coming of precision surgery in China. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2531-2543.	6.4	16
3	Intraoperative near-infrared fluorescence imaging can identify pelvic nerves in patients with cervical cancer in real time during radical hysterectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2929-2937.	6.4	11
4	Visualisation of pelvic autonomic nerves using NIR-II fluorescence imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4752-4754.	6.4	2
5	Resection and survival data from a clinical trial of glioblastoma multiformeâ€specific <scp>IRDye800â€BBN</scp> fluorescenceâ€guided surgery. Bioengineering and Translational Medicine, 2021, 6, e10182.	7.1	14
6	Intraoperative nearâ€infrared II window fluorescence imagingâ€assisted nephronâ€sparing surgery for complete resection of cystic renal masses. Clinical and Translational Medicine, 2021, 11, e604.	4.0	13
7	First-in-human liver-tumour surgery guided by multispectral fluorescence imaging in the visible and near-infrared-I/II windows. Nature Biomedical Engineering, 2020, 4, 259-271.	22.5	622
8	A new method of near-infrared fluorescence image-guided hepatectomy for patients with hepatolithiasis: aÂrandomized controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 4975-4982.	2.4	23
9	Photothermal Adjunctive Cytoreductive Surgery for Treating Peritoneal Metastasis of Gastric Cancer. Small Methods, 2018, 2, 1700368.	8.6	12
10	Sparse Reconstruction of Fluorescence Molecular Tomography Using Variable Splitting and Alternating Direction Scheme. Molecular Imaging and Biology, 2018, 20, 37-46.	2.6	13
11	Near-infrared Intraoperative Imaging of Thoracic Sympathetic Nerves: From Preclinical Study to Clinical Trial. Theranostics, 2018, 8, 304-313.	10.0	41
12	First-in-human study of PET and optical dual-modality image-guided surgery in glioblastoma using ⁶⁸Ga-IRDye800CW-BBN. Theranostics, 2018, 8, 2508-2520.	10.0	93
13	Novel trace norm regularization method for fluorescence molecular tomography reconstruction. , 2017, , .		1
14	Development and application of the near-infrared and white-light thoracoscope system for minimally invasive lung cancer surgery. Journal of Biomedical Optics, 2017, 22, 1.	2.6	12
15	Microsurgery guided by sequential preoperative lymphography using 68Ga-NEB PET and MRI in patients with lower-limb lymphedema. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1501-1510.	6.4	23
16	Evaluation of the anti-neoplastic effect of sorafenib on liver cancer through bioluminescence tomography. , 2017, , .		0
17	A Comparative Study of Clinical Intervention and Interventional Photothermal Therapy for Pancreatic Cancer. Advanced Materials, 2017, 29, 1700448.	21.0	86
18	The identification of sub-centimetre nodules by near-infrared fluorescence thoracoscopic systems in pulmonary resection surgeries. European Journal of Cardio-thoracic Surgery, 2017, 52, 1190-1196.	1.4	41

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19	Compactly Supported Radial Basis Function-Based Meshless Method for Photon Propagation Model of Fluorescence Molecular Tomography. IEEE Transactions on Medical Imaging, 2017, 36, 366-373.	8.9	18
20	Theranostic imaging of liver cancer using targeted optical/MRI dual-modal probes. Oncotarget, 2017, 8, 32741-32751.	1.8	41
21	Cancer Diagnosis and Imaging-Guided Photothermal Therapy Using a Dual-Modality Nanoparticle. ACS Applied Materials & Interfaces, 2016, 8, 29232-29241.	8.0	68
22	DNAâ€Nanostructureâ€“Goldâ€Nanorod Hybrids for Enhanced In Vivo Optoacoustic Imaging and Photothermal Therapy. Advanced Materials, 2016, 28, 10000-10007.	21.0	185
23	Phototherapy: Metalâ€“Organicâ€Frameworkâ€Derived Mesoporous Carbon Nanospheres Containing Porphyrinâ€Like Metal Centers for Conformal Phototherapy (Adv. Mater. 38/2016). Advanced Materials, 2016, 28, 8318-8318.	21.0	5
24	Dye-conjugated single-walled carbon nanotubes induce photothermal therapy under the guidance of near-infrared imaging. Cancer Letters, 2016, 383, 243-249.	7.2	65
25	Comparison between the indocyanine green fluorescence and blue dye methods for sentinel lymph node biopsy using novel fluorescence image-guided resection equipment in different types of hospitals. Translational Research, 2016, 178, 74-80.	5.0	32
26	Novel l_2,1-norm optimization method for fluorescence molecular tomography reconstruction. Biomedical Optics Express, 2016, 7, 2342.	2.9	33
27	Metalâ€“Organicâ€Frameworkâ€Derived Mesoporous Carbon Nanospheres Containing Porphyrinâ€Like Metal Centers for Conformal Phototherapy. Advanced Materials, 2016, 28, 8379-8387.	21.0	264
28	Illuminating necrosis: From mechanistic exploration to preclinical application using fluorescence molecular imaging with indocyanine green. Scientific Reports, 2016, 6, 21013.	3.3	34
29	Intraoperative Identification of Liver Cancer Microfoci Using a Targeted Near-Infrared Fluorescent Probe for Imaging-Guided Surgery. Scientific Reports, 2016, 6, 21959.	3.3	54
30	A novel wireless wearable fluorescence image-guided surgery system. , 2016, 2016, 5208-5211.		1
31	Increased precision of orthotopic and metastatic breast cancer surgery guided by matrix metalloproteinase-activatable near-infrared fluorescence probes. Scientific Reports, 2015, 5, 14197.	3.3	27
32	Optical Molecular Imaging Frontiers in Oncology: The Pursuit of Accuracy and Sensitivity. Engineering, 2015, 1, 309-323.	6.7	53
33	Sentinel node biopsy using indocyanine green in oral/oropharyngeal cancer. World Journal of Surgical Oncology, 2015, 13, 278.	1.9	38
34	GX1-conjugated poly(lactic acid) nanoparticles encapsulating Endostar for improved in vivo anticolorectal cancer treatment. International Journal of Nanomedicine, 2015, 10, 3791.	6.7	26
35	The combination design for open and endoscopic surgery using fluorescence molecular imaging technology. Proceedings of SPIE, 2015, , .	0.8	0
36	A novel method for image denoising of fluorescence molecular imaging based on fuzzy C-Means clustering. Proceedings of SPIE, 2015, , .	0.8	2

#	Article	IF	Citations
37	Sentinel lymph node detection in breast cancer patients using surgical navigation system based on fluorescence molecular imaging technology. , 2015, , .		0
38	A Novel Region Reconstruction Method for Fluorescence Molecular Tomography. IEEE Transactions on Biomedical Engineering, 2015, 62, 1818-1826.	4.2	50
39	Tomographic fluorescence reconstruction by a spectral projected gradient pursuit method. , 2015, , .		0
40	Meshless reconstruction method for fluorescence molecular tomography based on compactly supported radial basis function. Journal of Biomedical Optics, 2015, 20, 105003.	2.6	4
41	Intraoperative Imaging-Guided Cancer Surgery: From Current Fluorescence Molecular Imaging Methods to Future Multi-Modality Imaging Technology. Theranostics, 2014, 4, 1072-1084.	10.0	301
42	A near-infrared fluorescence-based surgical navigation system imaging software for sentinel lymph node detection. , 2014, , .		0
43	The application of surgical navigation system using optical molecular imaging technology in orthotopic breast cancer and metastasis studies. , 2014, , .		0
44	Fast and robust reconstruction for fluorescence molecular tomography via a sparsity adaptive subspace pursuit method. Biomedical Optics Express, 2014, 5, 387.	2.9	50
45	Use of Indocyanine Green for Detecting the Sentinel Lymph Node in Breast Cancer Patients: From Preclinical Evaluation to Clinical Validation. PLoS ONE, 2013, 8, e83927.	2.5	63