# Chi-hua Fang

List of Publications by Year
in descending order

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|---|---|---|---|
| 71 papers | 1,788 citations | 257450 24 h-index | 315739 38 g-index |

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|---|---|---|---|
| 96 all docs | 96 docs citations | 96 times ranked | 2467 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ASO Visual Abstract: Laparoscopic in Situ Anatomical Mesohepatectomy for Solitary Massive HCC Using Combined Intrafascial and Extrafascial Approaches with Indocyanine Green Navigation (with) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.5 | 0 |
| 2 | Laparoscopic in Situ Anatomical Mesohepatectomy for Solitary Massive HCC Using Combined Intrafascial and Extrafascial Approaches With Indocyanine Green Navigation (with Video). Annals of Surgical Oncology, 2022, 29, 2034-2040. | 1.5 | 10 |
| 3 | Background-suppressed tumor-targeted photoacoustic imaging using bacterial carriers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 14 |
| 4 | A microenvironment-responsive FePt probes for imaging-guided Fenton-enhanced radiotherapy of hepatocellular carcinoma. Journal of Nanobiotechnology, 2022, 20, 100. | 9.1 | 7 |
| 5 | Targeted-detection and sequential-treatment of small hepatocellular carcinoma in the complex liver environment by GPC-3-targeted nanoparticles. Journal of Nanobiotechnology, 2022, 20, 156. | 9.1 | 9 |
| 6 | Visualizing tumor angiogenesis and boundary with polygon-scanning multiscale photoacoustic microscopy. Photoacoustics, 2022, 26, 100342. | 7.8 | 14 |
| 7 | Augmented reality navigation facilitates laparoscopic removal of foreign body in the pancreas that cause chronic complications. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 6326-6330. | 2.4 | 5 |
| 8 | Epithelial Cell Adhesion Molecule-Functionalized Fe<sub>3</sub>O<sub>4</sub>@Au Nanoparticles for Coregistered Optoacoustic and Magnetic Resonance Imaging and Photothermal Therapy of Hepatocellular Carcinoma. ACS Applied Nano Materials, 2022, 5, 10213-10224. | 5.0 | 4 |
| 9 | Minimally invasive photothermal ablation assisted by laparoscopy as an effective preoperative neoadjuvant treatment for orthotopic hepatocellular carcinoma. Cancer Letters, 2021, 496, 169-178. | 7.2 | 34 |
| 10 | A narrative review of near-infrared fluorescence imaging in hepatectomy for hepatocellular carcinoma. Annals of Translational Medicine, 2021, 9, 171-171. | 1.7 | 19 |
| 11 | Importance of Microvascular Invasion Risk and Tumor Size on Recurrence and Survival of Hepatocellular Carcinoma After Anatomical Resection and Non-anatomical Resection. Frontiers in Oncology, 2021, 11, 621622. | 2.8 | 13 |
| 12 | Augmented Reality Navigation for Stereoscopic Laparoscopic Anatomical Hepatectomy of Primary Liver Cancer: Preliminary Experience. Frontiers in Oncology, 2021, 11, 663236. | 2.8 | 18 |
| 13 | Application of Realâ€Time Augmented Reality Laparoscopic Navigation in Splenectomy for Massive Splenomegaly. World Journal of Surgery, 2021, 45, 2108-2115. | 1.6 | 6 |
| 14 | Plasmonic-doped melanin-mimic for CXCR4-targeted NIR-II photoacoustic computed tomography-guided photothermal ablation of orthotopic hepatocellular carcinoma. Acta Biomaterialia, 2021, 129, 245-257. | 8.3 | 15 |
| 15 | Morphologic Change of In Vivo Porcine Liver Under 13â€‰mmâ€‰Hg Pneumoperitoneum Pressure. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2021, Publish Ahead of Print, 679-684. | 0.8 | 4 |
| 16 | Laparoscopic anatomic combined subsegmentectomy of segment 8 via the tailored strategy using digital intelligent technology. Surgical Oncology, 2021, 38, 101622. | 1.6 | 3 |
| 17 | A multifunctional targeted nanoprobe with high NIR-II PAI/MRI performance for precise theranostics of orthotopic early-stage hepatocellular carcinoma. Journal of Materials Chemistry B, 2021, 9, 8779-8792. | 5.8 | 15 |
| 18 | ASO Author Reflections: Laparoscopic in situ Anatomical Mesohepatectomy for Solitary Massive HCC Using Combined Intrafascial and Extrafascial Approaches with Indocyanine Green Navigation: A New Era of Digital Intelligent Liver Surgery. Annals of Surgical Oncology, 2021, , 1. | 1.5 | 2 |

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|---|---|---|---|
| 19 | A study of generalization and compatibility performance of 3D U-Net segmentation on multiple heterogeneous liver CT datasets. BMC Medical Imaging, 2021, 21, 178. | 2.7 | 1 |
| 20 | Augmented reality navigation for liver resection with a stereoscopic laparoscope. Computer Methods and Programs in Biomedicine, 2020, 187, 105099. | 4.7 | 49 |
| 21 | Real-time navigation for laparoscopic hepatectomy using image fusion of preoperative 3D surgical plan and intraoperative indocyanine green fluorescence imaging. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 3449-3459. | 2.4 | 58 |
| 22 | Clothing spiny nanoprobes against the mononuclear phagocyte system clearance in vivo: Photoacoustic diagnosis and photothermal treatment of early stage liver cancer with erythrocyte membrane-camouflaged gold nanostars. Applied Materials Today, 2020, 18, 100484. | 4.3 | 26 |
| 23 | Accuracy of liver stiffness-based model by different imaging modalities in compensated advanced chronic liver disease. European Journal of Gastroenterology and Hepatology, 2020, 32, 386-388. | 1.6 | 1 |
| 24 | Digital intelligent technology assisted three-dimensional laparoscopic extended left hepatectomy with resection of the middle hepatic vein(Video). Surgical Oncology, 2020, 35, 426-427. | 1.6 | 6 |
| 25 | Contrast-Enhanced Multispectral Photoacoustic Imaging for Irregular Hepatectomy Navigation: A Pilot Study. ACS Biomaterials Science and Engineering, 2020, 6, 5874-5885. | 5.2 | 8 |
| 26 | A Hepatocellular Carcinoma Targeting Nanostrategy with Hypoxia-Ameliorating and Photothermal Abilities that, Combined with Immunotherapy, Inhibits Metastasis and Recurrence. ACS Nano, 2020, 14, 12679-12696. | 14.6 | 116 |
| 27 | Radiomic Feature-Based Predictive Model for Microvascular Invasion in Patients With Hepatocellular Carcinoma. Frontiers in Oncology, 2020, 10, 574228. | 2.8 | 23 |
| 28 | Consensus recommendations of three-dimensional visualization for diagnosis and management of liver diseases. Hepatology International, 2020, 14, 437-453. | 4.2 | 68 |
| 29 | Biocompatible melanin based theranostic agent for in vivo detection and ablation of orthotopic micro-hepatocellular carcinoma. Biomaterials Science, 2020, 8, 4322-4333. | 5.4 | 20 |
| 30 | Concordance Study in Hepatectomy Recommendations Between Watson for Oncology and Clinical Practice for Patients with Hepatocellular Carcinoma in China. World Journal of Surgery, 2020, 44, 1945-1953. | 1.6 | 8 |
| 31 | A novel method of fluorescent imaging can guide hepatectomy for intrahepatic cholangiocarcinoma with intrahepatic biliary obstruction. Journal of Surgical Oncology, 2020, 122, 1580-1586. | 1.7 | 2 |
| 32 | Comment on: Right hepatic venous system variation in living donors: a three-dimensional CT analysis. British Journal of Surgery, 2020, 107, e651-e652. | 0.3 | 0 |
| 33 | An Innovation for Treating Orthotopic Pancreatic Cancer by Preoperative Screening and Imaging-Guided Surgery. Molecular Imaging and Biology, 2019, 21, 67-77. | 2.6 | 12 |
| 34 | Boosting Postsurgical Outcomes of Orthotopic Hepatocellular Carcinoma via an EpCAMâ€Targeting Theranostic Nanoparticle. Particle and Particle Systems Characterization, 2019, 36, 1900085. | 2.3 | 2 |
| 35 | Novel small molecular dye-loaded lipid nanoparticles with efficient near-infrared-II absorption for photoacoustic imaging and photothermal therapy of hepatocellular carcinoma. Biomaterials Science, 2019, 7, 3165-3177. | 5.4 | 44 |
| 36 | Emerging Trends and New Developments in Transient Elastography: A Bibliometric and Cocitation Analysis from 1999 to 2017. Canadian Journal of Gastroenterology and Hepatology, 2019, 2019, 1-7. | 1.9 | 4 |

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|---|---|---|---|
| 37 | Digital and intelligent liver surgery in the new era: Prospects and dilemmas. EBioMedicine, 2019, 41, 693-701. | 6.1 | 58 |
| 38 | Targeted and Multifunctional Technology for Identification between Hepatocellular Carcinoma and Liver Cirrhosis. ACS Applied Materials & Interfaces, 2019, 11, 14526-14537. | 8.0 | 20 |
| 39 | Targeting carbon nanotubes based on IGF-1R for photothermal therapy of orthotopic pancreatic cancer guided by optical imaging. Biomaterials, 2019, 195, 13-22. | 11.4 | 94 |
| 40 | A radiomics-based nomogram for the preoperative prediction of posthepatectomy liver failure in patients with hepatocellular carcinoma. Surgical Oncology, 2019, 28, 78-85. | 1.6 | 46 |
| 41 | Three-dimensional visualization technique in endoscopic breast-conserving surgery and pedicled omentum for immediate breast reconstruction. Surgical Oncology, 2019, 28, 103-108. | 1.6 | 3 |
| 42 | The Anatomy Features and Variations of the Point Where Right Gastroepiploic Vein Flows into Superior Mesenteric Vein/Portal Vein: Anatomical Study of Catheterization of Portal Vein Infusion Chemotherapy. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2018, 28, 794-798. | 1.0 | 1 |
| 43 | Near infrared-emitting persistent luminescent nanoparticles for Hepatocellular Carcinoma imaging and luminescence-guided surgery. Biomaterials, 2018, 167, 216-225. | 11.4 | 63 |
| 44 | The Safety and Feasibility of Three-Dimensional Visualization Technology Assisted Right Posterior Lobe Allied with Part of V and VIII Sectionectomy for Right Hepatic Malignancy Therapy. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2018, 28, 586-594. | 1.0 | 14 |
| 45 | A radiomics-based formula for the preoperative prediction of postoperative pancreatic fistula in patients with pancreaticoduodenectomy. Cancer Management and Research, 2018, Volume 10, 6469-6478. | 1.9 | 26 |
| 46 | Impact of three-dimensional visualization technology on surgical strategies in complex hepatic cancer. BioScience Trends, 2018, 12, 476-483. | 3.4 | 11 |
| 47 | Accuracy of actual resected liver volume in anatomical liver resections guided by 3â€dimensional parenchymal staining using fusion indocyanine green fluorescence imaging. Journal of Surgical Oncology, 2018, 118, 1081-1087. | 1.7 | 25 |
| 48 | Linear array-based real-time photoacoustic imaging system with a compact coaxial excitation handheld probe for noninvasive sentinel lymph node mapping. Biomedical Optics Express, 2018, 9, 1408. | 2.9 | 66 |
| 49 | Novel GPC3-binding WS<sub>2</sub>-Ga<sup>3+</sup>-PEG-peptide nanosheets for in vivo bimodal imaging-guided photothermal therapy. Nanomedicine, 2018, 13, 1681-1693. | 3.3 | 17 |
| 50 | Application of molecular imaging technology in evaluating the inhibiting effect of apigenin inÂvivo on subcutaneous hepatocellular carcinoma. Biochemical and Biophysical Research Communications, 2017, 487, 122-127. | 2.1 | 12 |
| 51 | From Detection to Resection: Photoacoustic Tomography and Surgery Guidance with Indocyanine Green Loaded Gold Nanorod@liposome Coreâ€“Shell Nanoparticles in Liver Cancer. Bioconjugate Chemistry, 2017, 28, 1221-1228. | 3.6 | 52 |
| 52 | Postoperative liver volume was accurately predicted by a medical image three dimensional visualization system in hepatectomy for liver cancer. Surgical Oncology, 2017, 26, 188-194. | 1.6 | 24 |
| 53 | Theranostic imaging of liver cancer using targeted optical/MRI dual-modal probes. Oncotarget, 2017, 8, 32741-32751. | 1.8 | 41 |
| 54 | A Comparison between Three-Dimensional Visualization Guided Hepatectomy and Ultrasonography Guided Radiofrequency Ablation in the Treatment of Small Hepatocellular Carcinoma within the Milan Criteria. BioMed Research International, 2016, 2016, 1-10. | 1.9 | 4 |

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|---|---|---|---|
| 55 | Fast automatic 3D liver segmentation based on a three-level AdaBoost-guided active shape model. Medical Physics, 2016, 43, 2421-2434. | 3.0 | 30 |
| 56 | Comparison of liver volumetry on contrastâ€enhanced CT images: one semiautomatic and two automatic approaches. Journal of Applied Clinical Medical Physics, 2016, 17, 118-127. | 1.9 | 11 |
| 57 | Body Mass Index and Stump Morphology Predict an Increased Incidence of Pancreatic Fistula After Pancreaticoduodenectomy. World Journal of Surgery, 2016, 40, 1467-1476. | 1.6 | 22 |
| 58 | Cancer Diagnosis and Imaging-Guided Photothermal Therapy Using a Dual-Modality Nanoparticle. ACS Applied Materials & Interfaces, 2016, 8, 29232-29241. | 8.0 | 68 |
| 59 | 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 |
| 60 | Illuminating necrosis: From mechanistic exploration to preclinical application using fluorescence molecular imaging with indocyanine green. Scientific Reports, 2016, 6, 21013. | 3.3 | 34 |
| 61 | 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 |
| 62 | Individualized preoperative planning using three-dimensional modeling for Bismuth and Corlette type III hilar cholangiocarcinoma. World Journal of Surgical Oncology, 2016, 14, 44. | 1.9 | 23 |
| 63 | Computer-aided rigid choledochoscopy lithotripsy for hepatolithiasis. Journal of Surgical Research, 2015, 195, 105-112. | 1.6 | 17 |
| 64 | Impact of Three-Dimensional Reconstruction Technique in the Operation Planning of Centrally Located Hepatocellular Carcinoma. Journal of the American College of Surgeons, 2015, 220, 28-37. | 0.5 | 69 |
| 65 | Three-Dimensional Reconstruction of the Peripancreatic Vascular System Based on Computed Tomographic Angiography Images and Its Clinical Application in the Surgical Management of Pancreatic Tumors. Pancreas, 2014, 43, 389-395. | 1.1 | 30 |
| 66 | To assess the benefits of medical image three-dimensional visualization system assisted pancreaticoduodenctomy for patients with hepatic artery variance. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 410-417. | 2.3 | 17 |
| 67 | Outcomes of Hepatectomy for Hepatolithiasis Based on 3-Dimensional Reconstruction Technique. Journal of the American College of Surgeons, 2013, 217, 280-288. | 0.5 | 47 |
| 68 | Digital medical technology based on 64-slice computed tomography in hepatic surgery. Chinese Medical Journal, 2010, 123, 1149-53. | 2.3 | 3 |
| 69 | Computer Supported Cooperative Work (CSCW) for Telemedicine. , 2007, , . | | 2 |
| 70 | Function of oval cells in hepatocellular carcinoma in rats. World Journal of Gastroenterology, 2004, 10, 2482. | 3.3 | 32 |
| 71 | The expression of c-kit and proliferating cell nuclear antigen in oval cells of rats with hepatocellular carcinoma. Hepatobiliary and Pancreatic Diseases International, 2003, 2, 537-44. | 1.3 | 3 |