

JosÃ© Ignacio Bilbao

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,765
citations

393982

19
h-index

276539

41
g-index

53
all docs

53
docs citations

53
times ranked

1726
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver disease induced by radioembolization of liver tumors. <i>Cancer</i> , 2008, 112, 1538-1546.	2.0	330
2	Radioembolization using 90Y-resin microspheres for patients with advanced hepatocellular carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 792-800.	0.4	207
3	Pilot randomized trial of selective internal radiation therapy vs. chemoembolization in unresectable hepatocellular carcinoma. <i>Liver International</i> , 2015, 35, 1715-1721.	1.9	132
4	Prevention and treatment of complications of selective internal radiation therapy: Expert guidance and systematic review. <i>Hepatology</i> , 2017, 66, 969-982.	3.6	99
5	Transjugular Intrahepatic Portosystemic Shunt (TIPS) in the Treatment of Venous Symptomatic Chronic Portal Thrombosis in Non-cirrhotic Patients. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 474-80.	0.9	90
6	Biocompatibility, Inflammatory Response, and Recanalization Characteristics of Nonradioactive Resin Microspheres: Histological Findings. <i>CardioVascular and Interventional Radiology</i> , 2009, 32, 727-736.	0.9	74
7	Partial liver volume radioembolization induces hypertrophy in the spared hemiliver and no major signs of portal hypertension. <i>Hpb</i> , 2014, 16, 243-249.	0.1	69
8	Comparative Study of Four Different Spherical Embolic Particles in an Animal Model: A Morphologic and Histologic Evaluation. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 1625-1638.	0.2	58
9	Transjugular Intrahepatic Portosystemic Shunt (TIPS): Current Status and Future Possibilities. <i>CardioVascular and Interventional Radiology</i> , 2002, 25, 251-269.	0.9	56
10	Safety and Efficacy Assessment of Flow Redistribution by Occlusion of Intrahepatic Vessels Prior to Radioembolization in the Treatment of Liver Tumors. <i>CardioVascular and Interventional Radiology</i> , 2010, 33, 523-531.	0.9	56
11	Interventional therapeutic techniques in Budd-Chiari syndrome. <i>CardioVascular and Interventional Radiology</i> , 1997, 20, 112-119.	0.9	49
12	Clinical Application of Trans-Arterial Radioembolization in Hepatic Malignancies in Europe: First Results from the Prospective Multicentre Observational Study CIRSE Registry for SIR-Spheres Therapy (CIRT). <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 21-35.	0.9	49
13	The Post-SIR-Spheres Surgery Study (P4S): Retrospective Analysis of Safety Following Hepatic Resection or Transplantation in Patients Previously Treated with Selective Internal Radiation Therapy with Yttrium-90 Resin Microspheres. <i>Annals of Surgical Oncology</i> , 2017, 24, 2465-2473.	0.7	42
14	Phase 1â€“2 pilot clinical trial in patients with decompensated liver cirrhosis treated with bone marrowâ€“derived endothelial progenitor cells. <i>Translational Research</i> , 2017, 188, 80-91.e2.	2.2	28
15	Cytochrome P450/ABC transporter inhibition simultaneously enhances ivermectin pharmacokinetics in the mammal host and pharmacodynamics in <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2017, 7, 8535.	1.6	28
16	Liver cancer arterial perfusion modelling and CFD boundary conditions methodology: a case study of the haemodynamics of a patientâ€“specific hepatic artery in literatureâ€“based healthy and tumourâ€“bearing liver scenarios. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2016, 32, e02764.	1.0	26
17	Arteriodigestive fistula: A complication associated with intraoperative and external beam radiotherapy following surgery for gastric cancer. <i>Journal of Surgical Oncology</i> , 1992, 49, 52-57.	0.8	25
18	Limitations of percutaneous techniques in the treatment of portal vein thrombosis. <i>CardioVascular and Interventional Radiology</i> , 1999, 22, 417-422.	0.9	25

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19	Percutaneous transhepatic treatment of a posttransplant portal vein thrombosis and a preexisting spontaneous splenorenal shunt. <i>CardioVascular and Interventional Radiology</i> , 1995, 18, 323-6.	0.9	19
20	Computational particleâ€™haemodynamics analysis of liver radioembolization pretreatment as an actual treatment surrogate. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017, 33, e02791.	1.0	19
21	Is a Technetium-99m Macroaggregated Albumin Scan Essential in the Workup for Selective Internal Radiation Therapy with Yttrium-90? An Analysis of 532 Patients. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1536-1542.	0.2	19
22	Radioembolisation in patients with hepatocellular carcinoma that have previously received liver-directed therapies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1721-1730.	3.3	18
23	Ascites due to anastomotic stenosis after liver transplantation using the piggyback technique: Treatment with endovascular prosthesis. <i>CardioVascular and Interventional Radiology</i> , 2000, 23, 149-151.	0.9	17
24	Computational assessment of the effects of the catheter type on particleâ€™hemodynamics during liver radioembolization. <i>Journal of Biomechanics</i> , 2016, 49, 3705-3713.	0.9	17
25	The role of angledâ€™tip microcatheter and microsphere injection velocity in liver radioembolization: A computational particleâ€™hemodynamics study. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017, 33, e2895.	1.0	15
26	Therapeutic Effect of Irreversible Electroporation in Combination with Poly-ICLC Adjuvant in Preclinical Models of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1098-1105.	0.2	15
27	Short-term Safety and Quality of Life Outcomes Following Radioembolization in Primary and Secondary Liver Tumours: a Multi-centre Analysis of 200 Patients in France. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 36-49.	0.9	15
28	Liver Radioembolization: An Analysis of Parameters that Influence the Catheter-Based Particle-Delivery via CFD. <i>Current Medicinal Chemistry</i> , 2020, 27, 1600-1615.	1.2	15
29	Computational Fluid Dynamics Modeling of Liver Radioembolization: A Review. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 12-20.	0.9	13
30	Numerical investigation of liver radioembolization via computational particleâ€™hemodynamics: The role of the microcatheter distal direction and microsphere injection point and velocity. <i>Journal of Biomechanics</i> , 2016, 49, 3714-3721.	0.9	12
31	A proof-of-concept study of the in-vivo validation of a computational fluid dynamics model of personalized radioembolization. <i>Scientific Reports</i> , 2021, 11, 3895.	1.6	12
32	3D voxel-based dosimetry to predict contralateral hypertrophy and an adequate future liver remnant after lobar radioembolization. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3048-3057.	3.3	12
33	Embolization of nonvariceal portosystemic collaterals in transjugular intrahepatic portosystemic shunts. <i>CardioVascular and Interventional Radiology</i> , 1997, 20, 149-153.	0.9	11
34	Physiological outflow boundary conditions methodology for small arteries with multiple outlets: A patient-specific hepatic artery haemodynamics case study. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 291-306.	1.0	11
35	Numerical zeroâ€™dimensional hepatic artery hemodynamics model for balloonâ€™occluded transarterial chemoembolization. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2983.	1.0	11
36	Recommendations for SIR-Spheres Y-90 resin microspheres in chemotherapy-refractory/intolerant colorectal liver metastases. <i>Future Oncology</i> , 2017, 13, 2065-2082.	1.1	10

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37	Clinical Application of Radioembolization in Hepatic Malignancies: Protocol for a Prospective Multicenter Observational Study. <i>JMIR Research Protocols</i> , 2020, 9, e16296.	0.5	8
38	Improvement of Adeno-Associated Virus-Mediated Liver Transduction Efficacy by Regional Administration in <i>Macaca fascicularis</i> . <i>Human Gene Therapy Clinical Development</i> , 2017, 28, 68-73.	3.2	7
39	Transarterial radioembolization in patients with hepatocellular carcinoma of intermediate B2 substage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 661-668.	3.3	7
40	The Pattern of Progression Defines Post-progression Survival in Patients with Hepatocellular Carcinoma Treated with SIRT. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1165-1172.	0.9	6
41	The joint use of ^{99m} Tc-MAA-SPECT/CT and cone-beam CT optimizes radioembolization planning. <i>EJNMMI Research</i> , 2021, 11, 23.	1.1	5
42	CFD Simulations of Radioembolization: A Proof-of-Concept Study on the Impact of the Hepatic Artery Tree Truncation. <i>Mathematics</i> , 2021, 9, 839.	1.1	5
43	A methodology for numerically analysing the hepatic artery haemodynamics during B-TACE: a proof of concept. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 518-532.	0.9	4
44	â€œPrimum Non Nocereâ€ in Interventional Oncology for Liver Cancer: How to Reduce the Risk for Complications?. <i>Life</i> , 2020, 10, 180.	1.1	3
45	On the importance of spiralâ€flow inflow boundary conditions when using idealized artery geometries in the analysis of liver radioembolization: A parametric study. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3337.	1.0	3
46	A new animal model of atrophyâ€hypertrophy complex and liver damage following Yttrium-90 lobar selective internal radiation therapy in rabbits. <i>Scientific Reports</i> , 2022, 12, 1777.	1.6	3
47	Selective internal radiation therapy: an effective treatment for hormonal syndromes in pancreatic neuroendocrine tumors. <i>Hepatic Oncology</i> , 2018, 5, HEP09.	4.2	2
48	Hepatocellular Carcinoma: Essentials Interventional Radiologists Need to Know. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 1262-1270.	0.9	2
49	Selective internal radiation therapy (SIRT) using Y90 resin microspheres as consolidation treatment for liver metastases from colorectal cancer (LCRC).. <i>Journal of Clinical Oncology</i> , 2015, 33, e14662-e14662.	0.8	2
50	â€Computational study of a novel catheter for liver radioembolizationâ€. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2022, , e3577.	1.0	2
51	Radioembolization and the Cystic Artery. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1724-1726.	0.2	1
52	Partial Splenic Embolization in a Child with Sickle Cell Disease and Hypersplenism. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1738-1739.	0.2	1