

Portal Vein Embolization Before Liver Resection: A Systematic Review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Preoperative portal vein embolization. , 0, , 176-192.		0
2	Preoperative portal vein embolization. , 2012, , 1577-1586.e1.		0
3	Increase in left liver lobe function after preoperative right portal vein embolisation assessed with gadolinium-EOB-DTPA MRI. <i>European Radiology</i> , 2013, 23, 2555-2560.	2.3	18
4	Portal vein embolization using an adapted hysterosalpingography catheter. <i>Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery</i> , 2014, 27, 204-205.	0.5	2
5	Evaluation of gadolinium-EOB-DTPA uptake after portal vein embolization: value of an increased flip angle. <i>Acta Radiologica</i> , 2014, 55, 149-154.	0.5	5
6	Comparison of Tc-99m GSA scintigraphy and CT volumetry for evaluation in portal vein embolization. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014, 23, 241-246.	0.6	7
7	Treatment of Hepatocellular Carcinoma. <i>Digestive Diseases</i> , 2014, 32, 554-563.	0.8	33
8	Simultaneous Biliary Drainage and Portal Vein Embolization Before Extended Hepatectomy for Hilar Cholangiocarcinoma: Preliminary Experience. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 698-704.	0.9	15
9	Improved Hypertrophy of Future Remnant Liver after Portal Vein Embolization with Plugs, Coils and Particles. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1251-1258.	0.9	33
10	The ALPPS procedure for hepatocellular carcinoma. <i>European Journal of Surgical Oncology</i> , 2014, 40, 982-988.	0.5	53
11	Defining indications to ALPPS procedure: technical aspects and open issues. <i>Updates in Surgery</i> , 2014, 66, 41-49.	0.9	62
12	Colorectal Cancer with Potentially Resectable Hepatic Metastases: Optimizing Treatment. <i>Current Oncology Reports</i> , 2014, 16, 407.	1.8	25
13	Image-Guided Interventions in Oncology. <i>Surgical Oncology Clinics of North America</i> , 2014, 23, 937-955.	0.6	9
14	Failure of Portal Venous Embolization. ALPPS as Salvage Enabling Successful Resection of Bilobar Liver Metastases. <i>Journal of Gastrointestinal Cancer</i> , 2014, 45, 233-236.	0.6	14
15	Hepatic resection for colorectal metastases. <i>Journal of Surgical Oncology</i> , 2014, 109, 2-7.	0.8	75
16	Indications for portal vein embolization in perihilar cholangiocarcinoma. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2014, 21, 542-549.	1.4	53
17	Multimodal treatment strategies for advanced hilar cholangiocarcinoma. <i>Langenbeck's Archives of Surgery</i> , 2014, 399, 679-692.	0.8	29
18	Comparison of CT and MRI artefacts from coils and vascular plugs used for portal vein embolization. <i>European Journal of Radiology</i> , 2014, 83, 692-695.	1.2	5

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19	Preoperative assessment of postoperative liver function: The importance of residual liver volume. <i>Journal of Surgical Oncology</i> , 2014, 110, 445-450.	0.8	48
20	Right portal vein embolization with absolute ethanol in major hepatic resection for hepatobiliary malignancy. <i>British Journal of Surgery</i> , 2014, 101, 1122-1128.	0.1	27
21	Remnant Growth Rate after Portal Vein Embolization Is a Good Early Predictor of Post-Hepatectomy Liver Failure. <i>Journal of the American College of Surgeons</i> , 2014, 219, 620-630.	0.2	84
22	Hepatic volume changes after lobar selective internal radiation therapy (SIRT) of hepatocellular carcinoma. <i>Clinical Radiology</i> , 2014, 69, 172-178.	0.5	76
23	Hepatic Surgery for Colorectal Cancer Metastasis – Possibilities and Prerequisites. , 0, , .		1
24	Granulomatous Phlebitis of the Hepatic Vein Tributaries after Portal Venous Embolization. , 2015, 05, .		0
25	Preoperative Estimation of Future Remnant Liver Function Following Portal Vein Embolization Using Relative Enhancement on Gadoteric Acid Disodium-Enhanced Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2015, 16, 523.	1.5	18
26	Complications of Portal Vein Embolization: Evaluation on Cross-Sectional Imaging. <i>Korean Journal of Radiology</i> , 2015, 16, 1079.	1.5	22
27	A systematic review and meta-analysis of portal vein ligation versus portal vein embolization for elective liver resection. <i>Surgery</i> , 2015, 157, 690-698.	1.0	114
28	Perioperative Management of Hilar Cholangiocarcinoma. <i>Journal of Gastrointestinal Surgery</i> , 2015, 19, 1889-1899.	0.9	68
29	Percutaneous transhepatic portal embolization using foam ethanolamine oleate and carbon dioxide (CO ₂): a pilot study. <i>Acta Radiologica</i> , 2015, 56, 1361-1367.	0.5	3
30	Concurrent biliary drainage and portal vein embolization in preparation for extended hepatectomy in patients with biliary cancer. <i>Acta Radiologica Open</i> , 2015, 4, 205846011557912.	0.3	4
31	A novel rat model of liver regeneration: possible role of cytokine induced neutrophil chemoattractant-1 in augmented liver regeneration. <i>Annals of Surgical Innovation and Research</i> , 2015, 9, 11.	1.3	24
32	Central hepatectomy versus extended hepatectomy for liver malignancy: a matched cohort comparison. <i>Hpb</i> , 2015, 17, 1025-1032.	0.1	21
33	Embolisation portale controlatÅ©rale transhÅ©patique avec une association de particules non rÅ©sorbables de trisacryl, de gÅ©latine rÅ©sorbable et de coils avant une hÅ©patectomie droite chez 80Å©patients. <i>Diagnostic and Interventional Imaging</i> , 2015, 96, S51-S59.	0.0	0
34	Anesthesia for Hepatobiliary Surgery. <i>Anesthesiology Clinics</i> , 2015, 33, 125-141.	0.6	8
35	Strategies to Increase the Resectability of Patients with Colorectal Liver Metastases: A Multi-center Case-Match Analysis of ALPPS and Conventional Two-Stage Hepatectomy. <i>Annals of Surgical Oncology</i> , 2015, 22, 1933-1942.	0.7	101
36	Systematic Review and Meta-Analysis of Feasibility, Safety, and Efficacy of a Novel Procedure: Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy. <i>Annals of Surgical Oncology</i> , 2015, 22, 3109-3120.	0.7	114

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37	Triggered Liver Regeneration: From Experimental Model to Clinical Implications. <i>European Surgical Research</i> , 2015, 54, 148-161.	0.6	14
38	Disastrous Portal Vein Embolization Turned into a Successful Intervention. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 1365-1368.	0.9	3
40	Portal vein embolization with plug/coils improves hepatectomy outcome. <i>Journal of Surgical Research</i> , 2015, 194, 202-211.	0.8	27
41	Large variation in the utilization of liver resections in stage IV colorectal cancer patients with metastases confined to the liver. <i>European Journal of Surgical Oncology</i> , 2015, 41, 1217-1225.	0.5	15
42	Alterations in hepatic lobar function in regenerating rat liver. <i>Journal of Surgical Research</i> , 2015, 197, 307-317.	0.8	5
43	Monosegment ALPPS hepatectomy: Extending resectability by rapid hypertrophy. <i>Surgery</i> , 2015, 157, 676-689.	1.0	85
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45	Influence of Transplantation on Liver Surgery. , 2015, , 58-63.		0
46	Assessment of percutaneous transhepatic portal vein embolization with portal vein stenting for perihilar cholangiocarcinoma with severe portal vein stenosis. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2015, 22, 310-315.	1.4	8
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48	Liver transplantation in treatment of colorectal liver metastases. <i>Hepatic Oncology</i> , 2015, 2, 181-190.	4.2	7
49	Portal Vein Embolization Before Extended Hepatectomy in a Toddler With Mesenchymal Hamartoma. <i>Pediatrics</i> , 2015, 136, e1055-e1059.	1.0	9
50	Rectal cancer with synchronous liver metastases: Do we have a clear direction?. <i>European Journal of Surgical Oncology</i> , 2015, 41, 1570-1577.	0.5	4
51	Preoperative portal vein embolization with a combination of trisacryl microspheres, gelfoam and coils. <i>Diagnostic and Interventional Imaging</i> , 2015, 96, 57-64.	1.8	12
52	Associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) procedure for hepatocellular carcinoma with chronic liver disease: a case report and review of literature. <i>Korean Journal of Hepato-biliary-pancreatic Surgery</i> , 2016, 20, 75.	1.0	9
53	Selective Internal Radiation Therapy (SIRT) as Conversion Therapy for Unresectable Primary Liver Malignancies. <i>Liver Cancer</i> , 2016, 5, 303-311.	4.2	23
55	Liver regeneration after different degrees of portal vein ligation. <i>Journal of Surgical Research</i> , 2016, 203, 451-458.	0.8	17
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58	Postoperative peak transaminases correlate with morbidity and mortality after liver resection. <i>Hpb</i> , 2016, 18, 915-921.	0.1	16
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64	Analysis of Portal Vein Embolization Using Absolute Ethanol Before Major Hepatectomy. <i>International Surgery</i> , 2016, 101, 453-457.	0.0	2
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68	Liver resection for cancer: New developments in prediction, prevention and management of postresectional liver failure. <i>Journal of Hepatology</i> , 2016, 65, 1217-1231.	1.8	96
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70	Surgical Management of Liver Metastases From Colorectal Cancer. <i>Journal of Oncology Practice</i> , 2016, 12, 33-39.	2.5	47
71	A Review and Update of Treatment Options and Controversies in the Management of Hepatocellular Carcinoma. <i>Annals of Surgery</i> , 2016, 263, 1112-1125.	2.1	233
72	Short term and long term results of patients with colorectal liver metastases undergoing surgery with or without radiofrequency ablation. <i>European Journal of Surgical Oncology</i> , 2016, 42, 523-530.	0.5	47
74	Should ALPPS be Used for Liver Resection in Intermediate-Stage HCC?. <i>Annals of Surgical Oncology</i> , 2016, 23, 1335-1343.	0.7	79
75	The role of portal vein embolization in the surgical management of primary hepatobiliary cancers. A systematic review. <i>European Journal of Surgical Oncology</i> , 2017, 43, 32-41.	0.5	92
76	Radiologic hepatobiliary interventions. , 2017, , 525-536.e1.		0

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78	Safety and efficacy of radiofrequency-assisted ALPPS (RALPPS) in patients with cirrhosis-related hepatocellular carcinoma. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-7.	1.1	12
79	Dynamic Evaluation of Liver Volume and Function in Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 967-974.	0.9	50
80	Postoperative Liver Failure. <i>GI Surgery Annual</i> , 2017, , 59-81.	0.0	0
81	Hepatic parenchymal transection increases liver volume but not function after portal vein embolization in rabbits. <i>Surgery</i> , 2017, 162, 732-741.	1.0	18
82	Extended liver venous deprivation before major hepatectomy induces marked and very rapid increase in future liver remnant function. <i>European Radiology</i> , 2017, 27, 3343-3352.	2.3	108
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84	Systematic review of perioperative and survival outcomes of liver resections with and without preoperative portal vein embolization for colorectal metastases. <i>Hpb</i> , 2017, 19, 559-566.	0.1	32
85	Extrahepatic bile duct tumors. , 2017, , 818-832.e3.		0
86	Future remnant liver function as predictive factor for the hypertrophy response after portal vein embolization. <i>Surgery</i> , 2017, 162, 37-47.	1.0	38
87	Ablative Liver Partition and Portal Vein Embolization: Proof-of-Concept Testing in a Rabbit Model. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 906-912.e1.	0.2	4
88	Regulatory signatures of liver regeneration distilled by integrative analysis of mRNA, histone methylation, and proteomics. <i>Journal of Biological Chemistry</i> , 2017, 292, 8019-8037.	1.6	16
89	Survival after associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) for advanced colorectal liver metastases: A case-matched comparison with palliative systemic therapy. <i>Surgery</i> , 2017, 161, 909-919.	1.0	51
90	Comparable liver function and volume increase after portal vein embolization in rabbits and humans. <i>Surgery</i> , 2017, 161, 658-665.	1.0	9
91	Gd-EOB-DTPA-enhanced MRI for monitoring future liver remnant function after portal vein embolization and extended hemihepatectomy: A prospective trial. <i>European Radiology</i> , 2017, 27, 3080-3087.	2.3	25
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96	Current technical aspects of oncological hepatic surgery. Hepatobiliary and Pancreatic Diseases International, 2017, 16, 147-154.	0.6	3
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103	An Overview of the Current Management of Bilobar Colorectal Liver Metastases. Indian Journal of Surgical Oncology, 2017, 8, 600-606.	0.3	0
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108	ALPPS Procedure in Insufficient Hypertrophy After Portal Vein Embolization (PVE). World Journal of Surgery, 2017, 41, 250-257.	0.8	25
109	Transcatheter Arterial Embolization for Hepatic Arterial Injury Related to Percutaneous Transhepatic Portal Intervention. CardioVascular and Interventional Radiology, 2017, 40, 291-295.	0.9	8
110	Hypertrophy and Liver Function in ALPPS: Correlation with Morbidity and Mortality. Visceral Medicine, 2017, 33, 426-433.	0.5	30
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114	Portal Vein Embolization: Impact of Chemotherapy and Genetic Mutations. <i>Journal of Clinical Medicine</i> , 2017, 6, 26.	1.0	23
115	Intrahepatic cholangiocarcinoma: current perspectives. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1131-1142.	1.0	115
116	The paradigm of tumor shrinkage and rapid liver remnant hypertrophy for conversion of initially unresectable colorectal liver metastasis: a case report and literature review. <i>World Journal of Surgical Oncology</i> , 2017, 15, 148.	0.8	6
117	Portal vein embolization with n-butyl-cyanoacrylate through an ipsilateral approach before major hepatectomy: single center analysis of 50 consecutive patients. <i>Cancer Imaging</i> , 2017, 17, 25.	1.2	18
118	Abdominal cross-sectional imaging of the associating liver partition and portal vein ligation for staged hepatectomy procedure. <i>World Journal of Hepatology</i> , 2017, 9, 733.	0.8	5
119	Neoadjuvant transarterial radiation lobectomy for colorectal hepatic metastases: a small cohort analysis on safety, efficacy, and radiopathologic correlation. <i>Journal of Gastrointestinal Oncology</i> , 2017, 8, E43-E51.	0.6	22
120	Safety of selective internal radiation therapy (SIRT) with yttrium-90 microspheres combined with systemic anticancer agents: expert consensus. <i>Journal of Gastrointestinal Oncology</i> , 2017, 8, 1079-1099.	0.6	34
121	Liver related complications in unresectable disease after portal vein embolization. <i>Hepatobiliary Surgery and Nutrition</i> , 2017, 6, 379-386.	0.7	5
122	Portal Vein Embolization versus Associated Liver Partition and Portal Vein Ligation for Staged Hepatectomy. <i>Digestive Surgery</i> , 2018, 35, 311-322.	0.6	0
123	Right trisegmentectomy after portal vein embolization in a high-risk toddler with hepatoblastoma. <i>Pediatric Surgery International</i> , 2018, 34, 573-578.	0.6	4
124	An Update on Colorectal Cancer. <i>Current Problems in Surgery</i> , 2018, 55, 76-116.	0.6	20
125	Modern work-up and extended resection in perihilar cholangiocarcinoma: the AMC experience. <i>Langenbeck's Archives of Surgery</i> , 2018, 403, 289-307.	0.8	80
126	Portal Vein Embolization Utilizing N-Butyl Cyanoacrylate for Contralateral Lobe Hypertrophy Prior to Liver Resection: A Systematic Review and Meta-Analysis. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1302-1312.	0.9	28
127	Alcohol injection into the portal vein prior to ligation increases liver regeneration rate. <i>Hpb</i> , 2018, 20, 739-744.	0.1	0
128	C-Arm Cone Beam CT for Intraprocedural Image Fusion and 3D Guidance in Portal Vein Embolization (PVE). <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 424-432.	0.9	6
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130	Modulating Portal Hemodynamics With Vascular Ring Allows Efficient Regeneration After Partial Hepatectomy in a Porcine Model. <i>Annals of Surgery</i> , 2018, 268, 134-142.	2.1	17
131	Resection for Klatskin tumors: technical complexities and results. <i>Translational Gastroenterology and Hepatology</i> , 2018, 3, 69-69.	1.5	21

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132	Isoform-Dependent Changes in Cytochrome P450-Mediated Drug Metabolism after Portal Vein Ligation in the Rat. <i>European Surgical Research</i> , 2018, 59, 301-319.	0.6	3
133	Cytoreduction for colorectal metastases: liver, lung, peritoneum, lymph nodes, bone, brain. When does it palliate, prolong survival, and potentially cure?. <i>Current Problems in Surgery</i> , 2018, 55, 330-379.	0.6	151
134	Mitochondrial function after associating liver partition and portal vein ligation for staged hepatectomy in an experimental model. <i>British Journal of Surgery</i> , 2018, 106, 120-131.	0.1	11
135	Indications and Best Practices for Intra-arterial Therapies to Treat Hepatocellular Carcinoma. <i>Current Hepatology Reports</i> , 2018, 17, 399-411.	0.4	0
136	Clinical Case Panel: Treatment Alternatives for Inoperable Hepatocellular Carcinoma. <i>Seminars in Radiation Oncology</i> , 2018, 28, 295-308.	1.0	4
137	Portal Vein Thrombosis: Imaging the Spectrum of Disease With an Emphasis on MRI Features. <i>American Journal of Roentgenology</i> , 2018, 211, 14-24.	1.0	50
138	Efficacy of percutaneous transhepatic portal vein embolization using gelatin sponge particles and metal coils. <i>Acta Radiologica Open</i> , 2018, 7, 205846011876968.	0.3	5
139	The HPB controversy of the decade: 2007â€“2017 â€“ Ten years of ALPPS. <i>European Journal of Surgical Oncology</i> , 2018, 44, 1624-1627.	0.5	31
140	Portal Venous Interventions: How to Recognize, Avoid, or Get Out of Trouble in Transjugular Intrahepatic Portosystemic Shunt (TIPS), Balloon Occlusion Sclerosis (ie, BROTO), and Portal Vein Embolization (PVE). <i>Techniques in Vascular and Interventional Radiology</i> , 2018, 21, 267-287.	0.4	10
141	Portal Vein Embolization: Correlation of Future Liver Remnant Hypertrophy to Type of Embolic Agent Used. <i>Canadian Association of Radiologists Journal</i> , 2018, 69, 316-321.	1.1	11
142	Hepatic venous pressure gradient after portal vein embolization: An accurate predictor of future liver remnant hypertrophy. <i>Surgery</i> , 2018, 164, 227-232.	1.0	8
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144	Ethylene vinyl alcohol copolymer for occlusion of specific portal branches during preoperative portal vein embolisation with n-butyl-cyanoacrylate. <i>European Radiology</i> , 2018, 28, 4810-4817.	2.3	6
145	In situ splitting after selective partial portal vein ligation or simultaneous hepatic artery ligation promotes liver regeneration. <i>Scientific Reports</i> , 2018, 8, 8699.	1.6	1
146	Point-shear wave elastography predicts liver hypertrophy after portal vein embolization and postoperative liver failure. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 371-379.	1.8	6
147	Assessment of hepatic microvascular flow and density in patients undergoing preoperative portal vein embolization. <i>Hpb</i> , 2019, 21, 187-194.	0.1	9
148	Multibipolar Radiofrequency Ablation for the Treatment of Mass-Forming and Infiltrative Hepatocellular Carcinomas > 5 cm: Long-Term Results. <i>Liver Cancer</i> , 2019, 8, 172-185.	4.2	22
150	Associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) and its further developments in the last decade. <i>Hepatobiliary Surgery and Nutrition</i> , 2019, 8, 258-259.	0.7	6

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151	Discovery of a spontaneous portosystemic shunt following portal vein embolization. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1411-1415.	0.3	0
152	Portal Vein Embolization with PVA and Coils before Major Hepatectomy: Single-Center Retrospective Analysis in Sixty-Four Patients. <i>Journal of Oncology</i> , 2019, 2019, 1-9.	0.6	10
154	Transcatheter embolization with Squid, combined with other embolic agents or alone, in different abdominal diseases: a single-center experience in 30 patients. <i>CVIR Endovascular</i> , 2019, 2, 8.	0.4	31
155	Perioperative impact of liver venous deprivation compared with portal venous embolization in patients undergoing right hepatectomy: preliminary results from the pioneer center. <i>Hepatobiliary Surgery and Nutrition</i> , 2019, 8, 329-337.	0.7	60
156	Rectal carcinoma with synchronous liver metastases. <i>Journal of Coloproctology</i> , 2019, 39, 365-372.	0.1	1
157	Segment 2/3 Hypertrophy is Greater When Right Portal Vein Embolisation is Extended to Segment 4 in Patients with Colorectal Liver Metastases: A Retrospective Cohort Study. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 552-559.	0.9	10
158	Model-based virtual patient analysis of human liver regeneration predicts critical perioperative factors controlling the dynamic mode of response to resection. <i>BMC Systems Biology</i> , 2019, 13, 9.	3.0	10
159	Associating liver partition and portal vein ligation for staged hepatectomy: establishment of an animal model with insufficient liver remnant. <i>Laboratory Investigation</i> , 2019, 99, 698-707.	1.7	6
160	Adjuncts to Liver Resection. <i>GI Surgery Annual</i> , 2019, , 205-232.	0.0	0
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323	Pushing the Limits of Surgical Resection in Colorectal Liver Metastasis: How Far Can We Go?. <i>Cancers</i> , 2023, 15, 2113.	1.7	3
324	Safety and Feasibility of Laparoscopic Right or Extended Right Hemi Hepatectomy Following Modulation of the Future Liver Remnant in Patients with Colorectal Liver Metastases: A Systematic Review. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 0, , .	0.5	1
347	Preoperative portal vein embolization and major hepatectomy for perihilar cancer. , 2024, , 105-124.		0
348	Functional and volumetric regeneration following PVE and ALPPS. , 2024, , 149-165.		0
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