

# Nobuhiro Ohkohchi

## List of Publications by Year in descending order

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Version: 2024-02-01

125  
papers

2,842  
citations

159525

30  
h-index

206029

48  
g-index

127  
all docs

127  
docs citations

127  
times ranked

3310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelets Promote Liver Regeneration in Early Period after Hepatectomy in Mice. World Journal of Surgery, 2007, 31, 808-816.	0.8	161
2	Platelets Strongly Induce Hepatocyte Proliferation with IGF-1 and HGF In Vitro. Journal of Surgical Research, 2008, 145, 279-286.	0.8	115
3	Role of platelets on liver regeneration after 90% hepatectomy in mice. Journal of Hepatology, 2008, 49, 363-372.	1.8	109
4	Platelet Administration Via the Portal Vein Promotes Liver Regeneration in Rats After 70% Hepatectomy. Annals of Surgery, 2011, 253, 759-763.	2.1	102
5	Significance of Ductal Margin Status in Patients Undergoing Surgical Resection for Extrahepatic Cholangiocarcinoma. World Journal of Surgery, 2007, 31, 1788-1796.	0.8	99
6	Platelets contribute to the reduction of liver fibrosis in mice. Journal of Gastroenterology and Hepatology (Australia), 2009, 24, 78-89.	1.4	94
7	Activation of human liver sinusoidal endothelial cell by human platelets induces hepatocyte proliferation. Journal of Hepatology, 2010, 53, 648-654.	1.8	86
8	Platelets in liver disease, cancer and regeneration. World Journal of Gastroenterology, 2017, 23, 3228.	1.4	77
9	Single Administration of Thrombopoietin Prevents Progression of Liver Fibrosis and Promotes Liver Regeneration After Partial Hepatectomy in Cirrhotic Rats. Annals of Surgery, 2008, 248, 821-828.	2.1	72
10	Anticancer effect of linalool<i>via</i> cancer-specific hydroxyl radical generation in human colon cancer. World Journal of Gastroenterology, 2016, 22, 9765.	1.4	63
11	Unique clinical courses of transfusionâ€transmitted hepatitis E in patients with immunosuppression. Transfusion, 2017, 57, 280-288.	0.8	62
12	The Effect of Threeâ€Dimensional Preoperative Simulation on Liver Surgery. World Journal of Surgery, 2017, 41, 1840-1847.	0.8	60
13	Pancreatic neuroendocrine tumor and solid-pseudopapillary neoplasm: Key immunohistochemical profiles for differential diagnosis. World Journal of Gastroenterology, 2016, 22, 8596.	1.4	57
14	Platelets Promote Liver Regeneration under Conditions of Kupffer Cell Depletion after Hepatectomy in Mice. World Journal of Surgery, 2008, 32, 1088-1096.	0.8	54
15	A novel three-dimensional print of liver vessels and tumors in hepatectomy. Surgery Today, 2017, 47, 521-524.	0.7	53
16	Portal vein pressure is the key for successful liver transplantation of an extremely small graft in the pig model. Transplant International, 2003, 16, 376-382.	0.8	51
17	Heating characteristics of ferromagnetic iron oxide nanoparticles for magnetic hyperthermia. Journal of Applied Physics, 2010, 107, .	1.1	50
18	Isorhamnetin Alleviates Steatosis and Fibrosis in Mice with Nonalcoholic Steatohepatitis. Scientific Reports, 2019, 9, 16210.	1.6	48

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19	Novel functions of platelets in the liver. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 745-751.	1.4	46
20	Platelet Transfusion Improves Liver Function in Patients with Chronic Liver Disease and Cirrhosis. <i>Tohoku Journal of Experimental Medicine</i> , 2013, 229, 213-220.	0.5	45
21	A Novel Therapeutic Strategy for Pancreatic Cancer: Targeting Cell Surface Glycan Using rBC2LC-N Lectin-Drug Conjugate (LDC). <i>Molecular Cancer Therapeutics</i> , 2018, 17, 183-195.	1.9	45
22	Proton beam therapy combined with concurrent chemotherapy for esophageal cancer. <i>Anticancer Research</i> , 2015, 35, 1757-62.	0.5	45
23	Three-Dimensional Liver Surgery Simulation: Computer-Assisted Surgical Planning with Three-Dimensional Simulation Software and Three-Dimensional Printing<sup />. <i>Tissue Engineering - Part A</i> , 2017, 23, 474-480.	1.6	44
24	Novel 3-dimensional virtual hepatectomy simulation combined with real-time deformation. <i>World Journal of Gastroenterology</i> , 2015, 21, 9982.	1.4	41
25	( $\hat{\alpha}$ )-Epigallocatechin-3-gallate suppresses liver metastasis of human colorectal cancer. <i>Oncology Reports</i> , 2014, 31, 625-633.	1.2	36
26	Usefulness of quantitative real-time polymerase chain reaction in following up patients with Epstein-Barr virus infection after liver transplantation. <i>Clinical Transplantation</i> , 2000, 14, 308-317.	0.8	34
27	Signal Transduction of Platelet-Induced Liver Regeneration and Decrease of Liver Fibrosis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5412-5425.	1.8	33
28	Three-dimensional simulation of pancreatic surgery showing the size and location of the main pancreatic duct. <i>Surgery Today</i> , 2017, 47, 357-364.	0.7	32
29	Terpinen-4-ol inhibits colorectal cancer growth via reactive oxygen species. <i>Oncology Letters</i> , 2017, 14, 2015-2024.	0.8	32
30	Thrombocytopenia after liver transplantation: Should we care?. <i>World Journal of Gastroenterology</i> , 2018, 24, 1386-1397.	1.4	32
31	Platelets prevent acute liver damage after extended hepatectomy in pigs. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2010, 17, 855-864.	1.4	31
32	Human platelets inhibit liver fibrosis in severe combined immunodeficiency mice. <i>World Journal of Gastroenterology</i> , 2013, 19, 5250.	1.4	31
33	Human platelets promote liver regeneration with Kupffer cells in SCID mice. <i>Journal of Surgical Research</i> , 2013, 180, 62-72.	0.8	30
34	Living-donor liver transplantation for homozygous familial hypercholesterolemia from a donor with heterozygous hypercholesterolemia. <i>Transplant International</i> , 2003, 16, 276-279.	0.8	29
35	Sphingosine 1-phosphate has anti-apoptotic effect on liver sinusoidal endothelial cells and proliferative effect on hepatocytes in a paracrine manner in human. <i>Hepatology Research</i> , 2015, 45, 1136-1145.	1.8	29
36	1,8-Cineole Ameliorates Steatosis of Pten Liver Specific KO Mice via Akt Inactivation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12051-12063.	1.8	27

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37	Autonomic Regulation of Liver Regeneration After Partial Hepatectomy in Mice. <i>Journal of Surgical Research</i> , 2009, 152, 218-223.	0.8	26
38	Cetuximab delivery and antitumor effects are enhanced by mild hyperthermia in a xenograft mouse model of pancreatic cancer. <i>Cancer Science</i> , 2016, 107, 514-520.	1.7	26
39	Survival of surgery for recurrent biliary tract cancer: a single-center experience and systematic review of literature. <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 206-212.	0.6	26
40	Platelets prevent acute hepatitis induced by anti- $\alpha$ -fas antibody. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 348-355.	1.4	25
41	A Nationwide Survey of Hepatitis E Virus Infection and Chronic Hepatitis in Heart and Kidney Transplant Recipients in Japan. <i>Transplantation</i> , 2020, 104, 437-444.	0.5	25
42	Freeze-dried platelets promote hepatocyte proliferation in mice. <i>Cryobiology</i> , 2007, 55, 255-260.	0.3	24
43	Novel therapy for liver regeneration by increasing the number of platelets. <i>Surgery Today</i> , 2013, 43, 1081-1087.	0.7	23
44	The Eltrombopag antitumor effect on hepatocellular carcinoma. <i>International Journal of Oncology</i> , 2015, 47, 1696-1702.	1.4	21
45	Chronic hepatitis E virus infection after living donor liver transplantation via blood transfusion: a case report. <i>Surgical Case Reports</i> , 2016, 2, 32.	0.2	21
46	Three-dimensional imaging identified the accessory bile duct in a patient with cholangiocarcinoma. <i>World Journal of Gastroenterology</i> , 2014, 20, 11451.	1.4	21
47	Effects of thrombopoietin on growth of hepatocellular carcinoma: Is thrombopoietin therapy for liver disease safe or not?. <i>Hepatology Research</i> , 2013, 43, 610-620.	1.8	20
48	Exploring the Potential Role of Rosmarinic Acid in Neuronal Differentiation of Human Amnion Epithelial Cells by Microarray Gene Expression Profiling. <i>Frontiers in Neuroscience</i> , 2019, 13, 779.	1.4	20
49	Postoperative Decrease in Platelet Counts Is Associated with Delayed Liver Function Recovery and Complications after Partial Hepatectomy. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 239, 47-55.	0.5	19
50	Neuroendocrine carcinoma of the extrahepatic bile duct: A case report. <i>World Journal of Gastroenterology</i> , 2016, 22, 6960.	1.4	19
51	Enhanced hepatic differentiation in the subpopulation of human amniotic stem cells under 3D multicellular microenvironment. <i>World Journal of Stem Cells</i> , 2019, 11, 705-721.	1.3	19
52	Current trends in three-dimensional visualization and real-time navigation as well as robot-assisted technologies in hepatobiliary surgery. <i>World Journal of Gastrointestinal Surgery</i> , 2021, 13, 904-922.	0.8	18
53	Novel non- $\alpha$ -alcoholic steatohepatitis model with histopathological and insulin-resistant features. <i>Pathology International</i> , 2018, 68, 12-22.	0.6	17
54	Cyanidin-3-glucoside enhances mitochondrial function and biogenesis in a human hepatocyte cell line. <i>Cytotechnology</i> , 2018, 70, 1519-1528.	0.7	17

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55	Platelet and liver regeneration after liver surgery. <i>Surgery Today</i> , 2020, 50, 974-983.	0.7	17
56	Microarray analysis of verbenalin-treated human amniotic epithelial cells reveals therapeutic potential for Alzheimer's Disease. <i>Aging</i> , 2020, 12, 5516-5538.	1.4	17
57	Impact of Three-Dimensional Surgical Simulation on Pancreatic Surgery. <i>Gastrointestinal Tumors</i> , 2017, 4, 84-89.	0.3	16
58	Regulation of Signal Transduction and Role of Platelets in Liver Regeneration. <i>International Journal of Hepatology</i> , 2012, 2012, 1-8.	0.4	15
59	Successful liver transplantation from agonal non-heart-beating donors in pigs. <i>Transplant International</i> , 2003, 16, 100-107.	0.8	14
60	Regulation of HGF-induced hepatocyte proliferation by the small GTPase Arf6 through the PIP2-producing enzyme PIP5K1A. <i>Scientific Reports</i> , 2017, 7, 9438.	1.6	14
61	Kupffer cells play an important role in the cytokine production and activation of nuclear factors of liver grafts from non-heart-beating donors. <i>Transplant International</i> , 2002, 15, 397-405.	0.8	13
62	Mode of swine hepatitis E virus infection and replication in primary human hepatocytes. <i>Journal of General Virology</i> , 2014, 95, 2677-2682.	1.3	13
63	Protecting liver sinusoidal endothelial cells suppresses apoptosis in acute liver damage. <i>Hepatology Research</i> , 2016, 46, 697-706.	1.8	13
64	Indocyanine green fluorescence-navigated laparoscopic metastasectomy for peritoneal metastasis of hepatocellular carcinoma: a case report. <i>Surgical Case Reports</i> , 2018, 4, 130.	0.2	13
65	Decreasing the Epstein-Barr virus load by adjusting the FK506 blood level. <i>Transplant International</i> , 2002, 15, 529-534.	0.8	11
66	Complicated adult right-sided Bochdalek hernia with Chilaiditi's syndrome: a case report. <i>Surgical Case Reports</i> , 2015, 1, 95.	0.2	11
67	Surgical resection of hepatic and rectal metastases of pancreatic acinar cell carcinoma (PACC): a case report. <i>World Journal of Surgical Oncology</i> , 2018, 16, 158.	0.8	11
68	A novel hydrogel sheet prevents postoperative pancreatic fistula in a rat model. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2021, 28, 192-201.	1.4	11
69	Treatment with ribavirin for chronic hepatitis E following living donor liver transplantation: A case report. <i>Hepatology Research</i> , 2016, 46, 1058-1059.	1.8	10
70	Three-dimensional surgical simulation of the bile duct and vascular arrangement in pancreatoduodenectomy: A retrospective cohort study. <i>Annals of Medicine and Surgery</i> , 2018, 36, 17-22.	0.5	10
71	Albumin-Indocyanine Green Evaluation Grading System Predicts Post-Hepatectomy Liver Failure for Biliary Tract Cancer. <i>Digestive Surgery</i> , 2019, 36, 13-19.	0.6	10
72	New drug delivery system for liver sinusoidal endothelial cells for ischemia-reperfusion injury. <i>World Journal of Gastroenterology</i> , 2015, 21, 12778.	1.4	10

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73	Inter-Anastomosis Drainage Tube Between the Pancreas and Jejunum: A Novel Technique for Preventing Pancreatic Fistula after Pancreaticoduodenectomy. <i>Journal of the American College of Surgeons</i> , 2015, 221, e55-e60.	0.2	9
74	Stable Liver Function during Long-Term Administration of Eltrombopag, a Thrombopoietin Receptor Agonist, in Patients with Chronic Liver Disease. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 240, 277-279.	0.5	9
75	Three-Dimensional Remnant Pancreatic Volumetry Predicts Postoperative Pancreatic Fistula in Pancreatic Cancer Patients after Pancreaticoduodenectomy. <i>Gastrointestinal Tumors</i> , 2018, 5, 90-99.	0.3	9
76	Remnant pancreatic volume as an indicator of poor prognosis in pancreatic cancer patients after resection. <i>Pancreatology</i> , 2019, 19, 716-721.	0.5	9
77	Platelets Stimulate Liver Regeneration in a Rat Model of Partial Liver Transplantation. <i>Liver Transplantation</i> , 2021, 27, 719-734.	1.3	9
78	Oxidative stress and Liver X Receptor agonist induce hepatocellular carcinoma in Non-alcoholic steatohepatitis model. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 800-810.	1.4	9
79	Hepatic stellate cells contribute to liver regeneration through galectins in hepatic stem cell niche. <i>Stem Cell Research and Therapy</i> , 2020, 11, 425.	2.4	9
80	Well leg compartment syndrome after surgery for ulcerative colitis in the lithotomy position: A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 23, 25-28.	0.2	8
81	Development of Implantable Wireless Sensor Nodes for Animal Husbandry and MedTech Innovation. <i>Sensors</i> , 2018, 18, 979.	2.1	8
82	Gene expression profiling of sense and antisense transcripts in liver regeneration by microarray analysis. <i>Biomedical Reports</i> , 2013, 1, 383-388.	0.9	7
83	Development and evaluation of novel hydrogel for preventing postoperative pancreatic fistula. <i>Polymers for Advanced Technologies</i> , 2022, 33, 125-136.	1.6	7
84	Evaluation of safety for hepatectomy in a novel mouse model with nonalcoholic-steatohepatitis. <i>World Journal of Gastroenterology</i> , 2018, 24, 1622-1631.	1.4	7
85	Dualistic role of platelets in living donor liver transplantation: Are they harmful?. <i>World Journal of Gastroenterology</i> , 2022, 28, 897-908.	1.4	7
86	Modified Reinforced Staple Closure Technique Decreases Postoperative Pancreatic Fistula After Distal Pancreatectomy. <i>Indian Journal of Surgical Oncology</i> , 2019, 10, 587-593.	0.3	6
87	Correlation analysis of the proportion of monocytic myeloid-derived suppressor cells in colorectal cancer patients. <i>PLoS ONE</i> , 2020, 15, e0243643.	1.1	6
88	Drug-Drug Interaction between Tacrolimus and Vonoprazan in Kidney Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3964.	1.0	5
89	Survival-Assured Liver Injury Preconditioning (SALIC) Enables Robust Expansion of Human Hepatocytes in Fah <sup>-/-</sup> Rag2 <sup>-/-</sup> IL2rg <sup>-/-</sup> Rats. <i>Advanced Science</i> , 2021, 8, e2101188.	0.6	5
90	Pathological complete response after preoperative chemotherapy including FOLFOX plus bevacizumab for locally advanced rectal cancer: A case report and literature review. <i>International Journal of Surgery Case Reports</i> , 2019, 62, 85-88.	0.2	4

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91	Dynamic Magnetization Properties of Platelet Ferromagnetic Nanoparticles and Their Heat Generation Injected in Tumors of Mice. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	3
92	Prevalence and characteristics of hepatitis E virus infection in kidney transplant recipients: A single-center experience in Japan. Transplant Infectious Disease, 2019, 21, e13033.	0.7	3
93	Prominent effect of platelet on improvement of liver cirrhosis. AME Case Reports, 2020, 4, 14-14.	0.2	3
94	A CASE OF INGUINAL BLADDER HERNIA. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2000, 62, 107-110.	0.0	3
95	Hypercobalaminemia Induced by an Energy Drink after Total Gastrectomy: A Case Report. Journal of Rural Medicine: JRM, 2013, 8, 181-185.	0.2	2
96	Characterization of Spinel-Structured Iron Oxide Nanoparticles Synthesized by Heating of $\alpha$ -FeOOH Platelets in Tetra-Ethylene Glycol. Materials Transactions, 2014, 55, 813-817.	0.4	2
97	Novel imaging using a touchless display for computer-assisted hepato-biliary surgery. Surgery Today, 2017, 47, 1512-1518.	0.7	2
98	Antisense RNA transcripts in the blood may be novel diagnostic markers for colorectal cancer. Oncology Letters, 2017, 14, 3487-3493.	0.8	2
99	Pubic osteomyelitis after surgery for perforated colonic diverticulitis with fecal peritonitis: A case report. International Journal of Surgery Case Reports, 2017, 38, 50-52.	0.2	2
100	Gallbladder bleeding associated with microscopic polyangiitis: a case report. Journal of Surgical Case Reports, 2017, 2017, rjx159.	0.2	2
101	The evidence of a macrophage barrier in the xenotransplantation of human hematopoietic stem cells to severely immunodeficient rats. Xenotransplantation, 2021, 28, e12702.	1.6	2
102	[Invited Paper] A Liver Surgery Simulator Using Full HD Autostereoscopic Displays. ITE Transactions on Media Technology and Applications, 2018, 6, 11-17.	0.3	2
103	Administration of Fresh Frozen Plasma in Hepatectomy Patients.. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2002, 63, 2621-2625.	0.0	2
104	Therapeutic Experience of Corrosive Esophagitis. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2000, 62, 107-110.	0.0	2
105	Quantity Determination of Magnetic Particles Intravenously Administered to Mice Tissues Using Magnetization Measurements. IEEE Transactions on Magnetics, 2015, 51, 1-6.	1.2	1
106	Recurrent renal cell carcinoma leading to a misdiagnosis of polycystic liver disease: A case report. World Journal of Gastroenterology, 2019, 25, 2264-2270.	1.4	1
107	Laparoscopic Inter-sphincteric Resection following Neoadjuvant Imatinib Mesylate Therapy for the Treatment of Rectal GIST with Anal Preservation—A Case Report—. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2015, 76, 338-343.	0.0	1
108	Two Cases of Primary Retroperitoneal Mature Cystic Teratoma in Adults. Japanese Journal of Gastroenterological Surgery, 2015, 48, 421-428.	0.0	1

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109	A Case of a Resected Ileosigmoid Knot in an Older Schizophrenic Patient. Kitakanto Medical Journal, 2016, 66, 289-292.	0.0	1
110	The Effect of the Platelet Administration for the Patients with Liver Dysfunction after Liver Resection: Preliminary Clinical Trial. Case Reports in Gastrointestinal Medicine, 2021, 2021, 1-4.	0.2	0
111	A Case of Severe Radiation Enteritis caused by Proton Therapy for Hepatocellular Carcinoma. Japanese Journal of Gastroenterological Surgery, 2010, 43, 83-89.	0.0	0
112	A Case of Nonalcoholic Fatty Liver Disease with Hepatic Encephalopathy after Pancreatoduodenectomy, Which Improved Rapidly through Nutritional Care and Pancreatic Enzyme Replacement. Japanese Journal of Gastroenterological Surgery, 2015, 48, 321-327.	0.0	0
113	A Case of Retroperitoneal Abscess Arising from a Perforated Appendiceal Diverticulum Treated by Laparoscopic Appendectomy. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2015, 76, 2471-2475.	0.0	0
114	An Adult Case of Duplication of Transverse Colon Resected by Laparoscope-assisted Surgery. Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons), 2016, 41, 652-657.	0.0	0
115	Introduction of the Robotic Surgery (da Vinci Surgical System) for Colorectal Cancer. Kitakanto Medical Journal, 2016, 66, 155-158.	0.0	0
116	A Case of a Duodenal Papilla Adenosquamous Carcinoma with Trophoblastic Differentiation. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2016, 77, 1440-1445.	0.0	0
117	A Case of Inflammatory Pseudotumor-like Follicular Dendritic Cell Sarcoma of the Lymph Node in the Small Bowel Mesentery Accompanied by Myasthenia Gravis. Nihon Rinsho Geka Gakkai Zasshi (Journal) Tj ETQq1 1 0.084314ogBT /O		
118	A Case of Metastatic Splenic Tumor with Tumor Thrombus. Kitakanto Medical Journal, 2017, 67, 159-162.	0.0	0
119	Gastroenterological, Hepatobiliary and Pancreatic Surgery. Journal of Japan Society of Computer Aided Surgery, 2017, 19, 157-161.	0.1	0
120	A Case of Intraabdominal Bleeding due to Laceration of a Gastro-colic Membrane due to a Practice Swing. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2018, 79, 2058-2062.	0.0	0
121	Immunological reactions in liver graft perireperfusion in living donor liver transplantation--change of expression of adhesion molecules, deposition of immunoglobulins and cytokine level. Hepato-Gastroenterology, 2003, 50, 1090-6.	0.5	0
122	Title is missing!. , 2020, 15, e0243643.		0
123	Title is missing!. , 2020, 15, e0243643.		0
124	Title is missing!. , 2020, 15, e0243643.		0
125	Title is missing!. , 2020, 15, e0243643.		0