

Marcello Maestri

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,438
citations

361045

20
h-index

360668

35
g-index

68
all docs

68
docs citations

68
times ranked

2407
citing authors

#	ARTICLE	IF	CITATIONS
1	Indocyanine green delivery systems for tumour detection and treatments. <i>Biotechnology Advances</i> , 2016, 34, 768-789.	6.0	143
2	Perfusion of isolated rat kidney with Mesenchymal Stromal Cells/Extracellular Vesicles prevents ischaemic injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3381-3393.	1.6	102
3	Combined use of intraoperative ultrasound and indocyanine green fluorescence imaging to detect liver metastases from colorectal cancer. <i>Hpb</i> , 2013, 15, 928-934.	0.1	100
4	Cystic echinococcosis of the liver: A primer for hepatologists. <i>World Journal of Hepatology</i> , 2014, 6, 293.	0.8	80
5	Long-term follow-up after near-infrared fluorescence-guided resection of colorectal liver metastases: A retrospective multicenter analysis. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1463-1471.	0.5	71
6	Deficient Natural Killer Cell NKp30-Mediated Function and Altered NCR3 Splice Variants in Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 1165-1179.	3.6	48
7	Allogenic platelet gel in the treatment of pressure sores: a pilot study. <i>International Wound Journal</i> , 2010, 7, 184-190.	1.3	44
8	Transarterial chemoembolization of hepatocellular carcinoma – agents and drugs: an overview. Part 2. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 799-810.	2.4	41
9	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Induces Intracellular Ca ²⁺ Release through the Two-Pore Channel TPC1 in Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2019, 11, 542.	1.7	41
10	Creation and implantation of acellular rat renal ECM-based scaffolds. <i>Organogenesis</i> , 2015, 11, 58-74.	0.4	40
11	Stim and Orai mediate constitutive Ca ²⁺ entry and control endoplasmic reticulum Ca ²⁺ refilling in primary cultures of colorectal carcinoma cells. <i>Oncotarget</i> , 2018, 9, 31098-31119.	0.8	36
12	Stent Grafts Provided Superior Primary Patency for Central Venous Stenosis Treatment in Comparison with Angioplasty and Bare Metal Stent: A Retrospective Single Center Study on 70 Hemodialysis Patients. <i>Vascular and Endovascular Surgery</i> , 2016, 50, 221-230.	0.3	33
13	Chitosan Nanoparticles for Therapy and Theranostics of Hepatocellular Carcinoma (HCC) and Liver-Targeting. <i>Nanomaterials</i> , 2020, 10, 870.	1.9	33
14	High Frequency of Endothelial Colony Forming Cells Marks a Non-Active Myeloproliferative Neoplasm with High Risk of Splanchnic Vein Thrombosis. <i>PLoS ONE</i> , 2010, 5, e15277.	1.1	30
15	Development of thermosensitive chitosan/glicerophosphate injectable in situ gelling solutions for potential application in intraoperative fluorescence imaging and local therapy of hepatocellular carcinoma: a preliminary study. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1583-1596.	2.4	30
16	Transarterial chemoembolization of hepatocellular carcinoma. Agents and drugs: an overview. Part 1. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 679-690.	2.4	27
17	A Novel Technique for Rat Liver Transplantation Using Quick Linker System: A Preliminary Result. <i>Journal of Surgical Research</i> , 2008, 149, 303-309.	0.8	26
18	Lymph node metastases: importance of detection and treatment strategies. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 459-467.	2.4	26

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19	In Vitro Killing of Colorectal Carcinoma Cells by Autologous Activated NK Cells is Boosted by Anti-Epidermal Growth Factor Receptor-induced ADCC Regardless of RAS Mutation Status. <i>Journal of Immunotherapy</i> , 2018, 41, 190-200.	1.2	26
20	Costs Associated with Surgically Treated Cases of Abdominal Cystic Echinococcosis: A Single Center's Experience from 2008 to 2014, Pavia, Italy. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 405-409.	0.6	24
21	Hepatectomy Versus Sorafenib in Advanced Nonmetastatic Hepatocellular Carcinoma. <i>Annals of Surgery</i> , 2022, 275, 743-752.	2.1	24
22	The Impact of Hospital Volume on Failure to Rescue after Liver Resection for Hepatocellular Carcinoma. <i>Annals of Surgery</i> , 2020, 272, 840-846.	2.1	23
23	Engineered polymeric microspheres obtained by multi-step method as potential systems for transarterial embolization and intraoperative imaging of HCC: Preliminary evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 160-167.	2.0	20
24	Surgical spacer placement prior carbon ion radiotherapy (CIRT): an effective feasible strategy to improve the treatment for sacral chordoma. <i>World Journal of Surgical Oncology</i> , 2016, 14, 211.	0.8	19
25	Nonbiodegradable Expanded Polytetrafluoroethylene-Covered Stent Implantation in Porcine Peripheral Arteries: Histologic Evaluation of Vascular Wall Response Compared with Uncoated Stents. <i>CardioVascular and Interventional Radiology</i> , 2001, 24, 260-270.	0.9	18
26	Hepatocellular carcinoma surgical and oncological trends in a national multicentric population: the HERCOLES experience. <i>Updates in Surgery</i> , 2020, 72, 399-411.	0.9	18
27	Electrochemotherapy of Deep-Seated Tumors: State of Art and Perspectives as Possible "EPR Effect Enhancer" to Improve Cancer Nanomedicine Efficacy. <i>Cancers</i> , 2021, 13, 4437.	1.7	17
28	An Anti-MICA/B Antibody and IL-15 Rescue Altered NKG2D-Dependent NK Cell Responses in Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 3583.	1.7	16
29	The challenge of extraabdominal desmoid tumour management in patients with Gardner's syndrome: radiofrequency ablation, a promising option. <i>World Journal of Surgical Oncology</i> , 2014, 12, 361.	0.8	15
30	Hydrogen Sulfide-Evoked Intracellular Ca ²⁺ Signals in Primary Cultures of Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2020, 12, 3338.	1.7	15
31	Performance of Comprehensive Complication Index and Clavien-Dindo Complication Scoring System in Liver Surgery for Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 3868.	1.7	15
32	Hepatectomy for Metabolic Associated Fatty Liver Disease (MAFLD) related HCC: Propensity case-matched analysis with viral- and alcohol-related HCC. <i>European Journal of Surgical Oncology</i> , 2022, 48, 103-112.	0.5	14
33	INSULIN-LIKE GROWTH FACTOR-I AMELIORATES DELAYED KIDNEY GRAFT FUNCTION AND THE ACUTE NEPHROTOXIC EFFECTS OF CYCLOSPORINE1. <i>Transplantation</i> , 1997, 64, 185-190.	0.5	14
34	Saving from unnecessary pancreaticoduodenectomy. Brunner's gland hamartoma: Case report on a rare duodenal lesion and exhaustive literature review. <i>Annals of Medicine and Surgery</i> , 2017, 17, 43-49.	0.5	13
35	AUGMENTER OF LIVER REGENERATION ENHANCES THE SUCCESS RATE OF FETAL PANCREAS TRANSPLANTATION IN RODENTS1. <i>Transplantation</i> , 1998, 65, 32-36.	0.5	13
36	MICA/B-targeted antibody promotes NK cell-driven tumor immunity in patients with intrahepatic cholangiocarcinoma. <i>Oncolimmunology</i> , 2022, 11, 2035919.	2.1	13

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37	Oxygen Delivery and Oxygen Tension in Cerebral Tissue During Global Cerebral Ischaemia: A Swine Model. , 2000, 76, 199-202.		11
38	The characterization of plasma-modified polydimethylsiloxane interfaces with media of different surface energy. Clinical Materials, 1990, 5, 147-156.	0.5	10
39	Poly (ethyl 2-cyanoacrylate) nanoparticles (PECA-NPs) as possible agents in tumor treatment. Colloids and Surfaces B: Biointerfaces, 2019, 177, 520-528.	2.5	10
40	Indocyanine Green Loaded Polymeric Nanoparticles: Physicochemical Characterization and Interaction Studies with Caco-2 Cell Line by Light and Transmission Electron Microscopy. Nanomaterials, 2020, 10, 133.	1.9	10
41	Curative versus palliative treatments for recurrent hepatocellular carcinoma: a multicentric weighted comparison. Hpb, 2021, 23, 889-898.	0.1	10
42	Evaluation of the Reperfusion Syndrome after Liver Ischemia in the Rat. Journal of Surgical Research, 1996, 62, 153-158.	0.8	9
43	Regimens of IGF-I Treatment in Fetal Pancreas Transplantation. Journal of Surgical Research, 1997, 68, 73-78.	0.8	9
44	In Vitro Efficient Expansion of Tumor Cells Deriving from Different Types of Human Tumor Samples. Medical Sciences (Basel, Switzerland), 2014, 2, 70-81.	1.3	9
45	Dialysis Catheter-Related Superior Vena Cava Syndrome with Patent Vena Cava: Long Term Efficacy of Unilateral Viatorr Stent-Graft Avoiding Catheter Manipulation. Korean Journal of Radiology, 2014, 15, 364.	1.5	9
46	The Impact of Postoperative Ascites on Survival After Surgery for Hepatocellular Carcinoma: a National Study. Journal of Gastrointestinal Surgery, 2021, 25, 2823-2834.	0.9	9
47	Shortage of Albendazole and Its Consequences for Patients with Cystic Echinococcosis Treated at a Referral Center in Italy. American Journal of Tropical Medicine and Hygiene, 2018, 99, 1006-1010.	0.6	8
48	Ventriculoperitoneal shunt and the need to remove a gallbladder: Time to definitely overcome the feeling that laparoscopic surgery is contraindicated. Annals of Medicine and Surgery, 2014, 3, 65-67.	0.5	7
49	In situ forming biodegradable poly(ϵ -caprolactone) microsphere systems: a challenge for transarterial embolization therapy. In vitro and preliminary ex vivo studies. Expert Opinion on Drug Delivery, 2017, 14, 453-465.	2.4	7
50	Nanoparticles in detection and treatment of lymph node metastases: an update from the point of view of administration routes. Expert Opinion on Drug Delivery, 2018, 15, 1117-1126.	2.4	6
51	Opinion Paper: Selective Targeting of Liver Nodules. Present Situation and New Challenges to Enhance Indocyanine Green Captation from Colorectal Liver Metastases. Current Drug Delivery, 2015, 12, 474-476.	0.8	6
52	Effect of Hyperbarism on Radiofrequency Ablation Outcome. American Journal of Roentgenology, 2007, 189, 876-882.	1.0	5
53	Short-Term Cyclosporine Therapy and Cotransplantation of Donor Splenocytes: Effects on Graft Rejection and Survival Rates in Pigs Subjected to Renal Transplantation. Journal of Surgical Research, 2008, 150, 100-109.	0.8	5
54	A Metachronous splenic metastases from esophageal cancer: a case report. World Journal of Surgical Oncology, 2011, 9, 105.	0.8	5

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55	Benchmarking postoperative outcomes after open liver surgery for cirrhotic patients with hepatocellular carcinoma in a national cohort. <i>Hpb</i> , 2022, 24, 1365-1375.	0.1	5
56	Multivisceral transplantation in pigs: technical aspects. <i>Transplantation Proceedings</i> , 1998, 30, 2627-2628.	0.3	3
57	Liver Ischemia Modifies the Concentration of Plasmatic Catecholamines after Reperfusion in the Rat. <i>European Surgical Research</i> , 1999, 31, 221-229.	0.6	3
58	Two-stage hepatectomy after autologous CD133+ stem cells administration: a case report. <i>World Journal of Surgical Oncology</i> , 2013, 11, 192.	0.8	3
59	One step minilaparotomy-assisted transmesenteric portal vein recanalization combined with transjugular intrahepatic portosystemic shunt placement: A novel surgical proposal in pediatrics. <i>World Journal of Gastroenterology</i> , 2017, 23, 2811.	1.4	3
60	Prospective collection of clinical data on cystic echinococcosis: experience with the European Registry of Cystic Echinococcosis in Pavia, Italy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2022, 116, 157-162.	0.7	2
61	Role of insulinlike growth factor I in renal transplantation: evaluation of intra- and postoperative effects. <i>Transplantation Proceedings</i> , 1998, 30, 2019-2023.	0.3	1
62	In-Lab Manufacturing of Decellularized Rat Renal Scaffold for Kidney Bioengineering. <i>Methods in Molecular Biology</i> , 2017, 1577, 103-110.	0.4	1
63	THU-482-A human anti-MICA/B antibody boost NK cell responses in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2019, 70, e373.	1.8	1
64	Evaluation of Interaction Between NK Cells and Colorectal Carcinoma Cells for Development of NK Cell-Based Immunotherapy in Patients with Refractory Disease. <i>Blood</i> , 2014, 124, 5810-5810.	0.6	1
65	The largest western experience on salvage hepatectomy for recurrent hepatocellular carcinoma: propensity score-matched analysis on behalf of He.RC.O.Le.Study Group. <i>Hpb</i> , 2022, 24, 1291-1304.	0.1	1
66	Biliary Intraductal Papillary Mucinous Neoplasm: the "Thread Sign". <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 1363-1365.	0.9	0