

# Olivier Chevallier

## List of Publications by Year in descending order

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53  
papers

744  
citations

471061

17  
h-index

610482

24  
g-index

54  
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54  
docs citations

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times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning reconstruction versus iterative reconstruction for cardiac CT angiography in a stroke imaging protocol: reduced radiation dose and improved image quality. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 392-401.	1.1	50
2	Selective arterial embolization of symptomatic and asymptomatic renal angiomyolipomas: a retrospective study of safety, outcomes and tumor size reduction. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 8-23.	1.1	35
3	Deep Learning Versus Iterative Reconstruction for CT Pulmonary Angiography in the Emergency Setting: Improved Image Quality and Reduced Radiation Dose. <i>Diagnostics</i> , 2020, 10, 558.	1.3	34
4	Safety and efficacy of transcatheter embolization with Glubran®2 cyanoacrylate glue for acute arterial bleeding: a single-center experience with 104 patients. <i>Abdominal Radiology</i> , 2018, 43, 723-733.	1.0	32
5	Idarubicin-loaded Beads for Chemoembolization of Hepatocellular Carcinoma: The IDASPHERE II Single-Arm Phase II Trial. <i>Radiology</i> , 2019, 291, 801-808.	3.6	31
6	Efficacy, safety and outcomes of transcatheter arterial embolization with N-butyl cyanoacrylate glue for non-variceal gastrointestinal bleeding: A systematic review and meta-analysis. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 479-487.	1.8	31
7	Endovascular management of arterial injuries after blunt or iatrogenic renal trauma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 434-442.	1.1	28
8	Embolization with ethylene vinyl alcohol copolymer (Onyx®) for peripheral hemostatic and non-hemostatic applications: a feasibility and safety study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 280-290.	1.1	28
9	Preoperative portal vein embolization in liver cancer: indications, techniques and outcomes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 730-9.	1.1	27
10	Relationship Between Fragmented QRS and No-Reflow, Infarct Size, and Peri-Infarct Zone Assessed Using Cardiac Magnetic Resonance in Patients With Myocardial Infarction. <i>Canadian Journal of Cardiology</i> , 2014, 30, 204-210.	0.8	26
11	Comparison of triâ€œexponential decay versus biâ€œexponential decay and full fitting versus segmented fitting for modeling liver intravoxel incoherent motion diffusion MRI. <i>NMR in Biomedicine</i> , 2019, 32, e4155.	1.6	25
12	Intravoxel incoherent motion derived liver perfusion/diffusion readouts can be reliable biomarker for the detection of viral hepatitis B induced liver fibrosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 371-371.	1.1	25
13	High performance of intravoxel incoherent motion diffusion MRI in detecting viral hepatitis-b induced liver fibrosis. <i>Annals of Translational Medicine</i> , 2019, 7, 39-39.	0.7	24
14	Endovascular stent placement for chronic post-thrombotic symptomatic ilio-femoral venous obstructive lesions: a single-center study of safety, efficacy and quality-of-life improvement. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 342-352.	1.1	23
15	Removal of evidential motion-contaminated and poorly fitted image data improves IVIM diffusion MRI parameter scanâ€œrescan reproducibility. <i>Acta Radiologica</i> , 2018, 59, 1157-1167.	0.5	23
16	Ten-year experience with arterial embolization for peptic ulcer bleeding: N-butyl cyanoacrylate glue versus other embolic agents. <i>European Radiology</i> , 2021, 31, 3015-3026.	2.3	21
17	Current role of multiparametric magnetic resonance imaging for prostate cancer. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 754-64.	1.1	21
18	Prostate Artery Embolization Using N-Butyl Cyanoacrylate Glue for Urinary Tract Symptoms Due to Benign Prostatic Hyperplasia: A Valid Alternative to Microparticles?. <i>Journal of Clinical Medicine</i> , 2021, 10, 3161.	1.0	19

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19	Endovascular Use of Cyanoacrylate-Lipiodol Mixture for Peripheral Embolization: Properties, Techniques, Pitfalls, and Applications. <i>Journal of Clinical Medicine</i> , 2021, 10, 4320.	1.0	19
20	Percutaneous ultrasound-guided balloon-assisted embolization of iatrogenic femoral artery pseudoaneurysms with Glubran®2 cyanoacrylate glue: safety, efficacy and outcomes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 796-803.	1.1	18
21	Evidence of Tri-Exponential Decay for Liver Intravoxel Incoherent Motion MRI: A Review of Published Results and Limitations. <i>Diagnostics</i> , 2021, 11, 379.	1.3	18
22	Outcomes of Transcatheter Arterial Embolization with a Modified N -Butyl Cyanoacrylate Glue for Spontaneous Iliopsoas and Rectus Sheath Hematomas in Anticoagulated Patients. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 210-217.	0.2	17
23	Endovascular stenting for chronic femoro-iliac venous obstructive disease: Clinical efficacy and short-term outcomes. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 15-23.	1.8	17
24	Bleomycin for Percutaneous Sclerotherapy of Venous and Lymphatic Malformations: A Retrospective Study of Safety, Efficacy and Mid-Term Outcomes in 26 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 1302.	1.0	17
25	Single-Session Percutaneous Mechanical Thrombectomy Using the Aspirex®S Device Plus Stenting for Acute Iliofemoral Deep Vein Thrombosis: Safety, Efficacy, and Mid-Term Outcomes. <i>Diagnostics</i> , 2020, 10, 544.	1.3	13
26	Safety, Efficacy, and Outcomes of N-Butyl Cyanoacrylate Glue Injection through the Endoscopic or Radiologic Route for Variceal Gastrointestinal Bleeding: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2298.	1.0	12
27	Current role of cyanoacrylate glue transcatheter embolization in the treatment of acute nonvariceal gastrointestinal bleeding. <i>Expert Review of Gastroenterology and Hepatology</i> , 2020, 14, 975-984.	1.4	9
28	Transarterial Radioembolization of Hepatocellular Carcinoma, Liver-Dominant Hepatic Colorectal Cancer Metastases, and Cholangiocarcinoma Using Yttrium90 Microspheres: Eight-Year Single-Center Real-Life Experience. <i>Diagnostics</i> , 2021, 11, 122.	1.3	9
29	Computed Tomography-Navigation, Electromagnetic System Compared to Conventional Computed Tomography Guidance for Percutaneous Lung Biopsy: A Single-Center Experience. <i>Diagnostics</i> , 2021, 11, 1532.	1.3	9
30	Ethylene-vinyl alcohol copolymer (Onyx®) transarterial embolization for post-traumatic high-flow priapism. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 323-327.	1.1	8
31	Selective Arterial Embolization of Renal Angiomyolipomas with a N-Butyl Cyanoacrylate-Lipiodol Mixture: Efficacy, Safety, Short- and Mid-Term Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 4062.	1.0	8
32	Relevant Biological Effects of Varicocele Embolization with N-Butyl Cyanoacrylate Glue on Semen Parameters in Infertile Men. <i>Biomedicines</i> , 2021, 9, 1423.	1.4	7
33	Endovascular management of a large aneurysm of the superior vena cava involving internal thoracic vein with remodeling technique. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 315-317.	1.1	5
34	In Vivo Experimental Endovascular Uses of Cyanoacrylate in Non-Modified Arteries: A Systematic Review. <i>Biomedicines</i> , 2021, 9, 1282.	1.4	5
35	Deep Learning-Based Reconstruction vs. Iterative Reconstruction for Quality of Low-Dose Head-and-Neck CT Angiography with Different Tube-Voltage Protocols in Emergency-Department Patients. <i>Diagnostics</i> , 2022, 12, 1287.	1.3	5
36	Transcatheter embolization of a large aberrant systemic artery to an intralobar pulmonary sequestration using an Amplatzer vascular plug in an adolescent. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 152-155.	1.1	4

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37	Ethylene Vinyl Alcohol Copolymer as First Hemostatic Liquid Embolic Agent for Non-variceal Upper Gastrointestinal Bleeding Patients: Pros and Cons. CardioVascular and Interventional Radiology, 2018, 41, 1808-1809.	0.9	4
38	Diffusion-weighted MRI of the liver: challenges and some solutions for the quantification of apparent diffusion coefficient and intravoxel incoherent motion. American Journal of Nuclear Medicine and Molecular Imaging, 2021, 11, 107-142.	1.0	4
39	Endovascular management of the deep venous thrombosis: A new challenging role for the endovascular specialist in 2020. Catheterization and Cardiovascular Interventions, 2021, 98, 748-755.	0.7	3
40	Packing Technique with or without Remodeling for Endovascular Coil Embolization of Renal Artery Aneurysms: Safety, Efficacy and Mid-Term Outcomes. Journal of Clinical Medicine, 2021, 10, 326.	1.0	3
41	Percutaneous Implantation of a Microcatheter-Port System for Hepatic Arterial Infusion Chemotherapy of Unresectable Liver Tumors: Technical Feasibility, Functionality, and Complications. Diagnostics, 2021, 11, 399.	1.3	3
42	Selective Arterial Embolization with N-Butyl Cyanoacrylate Prior to CT-Guided Percutaneous Cryoablation of Kidney Malignancies: A Single-Center Experience. Journal of Clinical Medicine, 2021, 10, 4986.	1.0	3
43	Prostate Artery Embolization for Benign Prostatic Hyperplasia: Rationale for the Use of N-Butyl Cyanoacrylate Glue as an Embolic Agent. CardioVascular and Interventional Radiology, 2022, 45, 824-825.	0.9	3
44	Endovascular management of a giant symptomatic gluteal artery aneurysm with selective arterial embolization. Quantitative Imaging in Medicine and Surgery, 2017, 7, 163-165.	1.1	2
45	Persistence of gastric or esophageal varices on final angiography increases transjugular intrahepatic portosystemic shunt revision rate after polytetrafluoroethylene-covered stent shunt creation. Quantitative Imaging in Medicine and Surgery, 2018, 8, 174-181.	1.1	2
46	Ultrasound-Guided Percutaneous Antegrade Varicocele Embolization with Cyanoacrylate Glue as an Alternative to the Standard Retrograde Approach. Diagnostics, 2020, 10, 432.	1.3	2
47	Adjunctive Component to N-Butyl Cyanoacrylate-Lipiodol Mixture for Best Embolic Profile in Vivo: Ethanol or Iopamidol?. CardioVascular and Interventional Radiology, 2021, 44, 1467-1468.	0.9	2
48	Short- and Long-Term Safety and Efficacy of Self-Expandable Leo Stents Used Alone or with Coiling for Ruptured and Unruptured Intracranial Aneurysms: A Retrospective Observational Study. Journal of Clinical Medicine, 2021, 10, 4541.	1.0	2
49	Adrenal Insufficiency Revealing a Bilateral Adrenal Hemorrhage-Adrenal Infarction Related to Antiphospholipid Syndrome. American Journal of Medicine, 2022, 135, 194-195.	0.6	2
50	Single-Breath-Hold MRI-SPACE Cholangiopancreatography with Compressed Sensing versus Conventional Respiratory-Triggered MRI-SPACE Cholangiopancreatography at 3Tesla: Comparison of Image Quality and Diagnostic Confidence. Diagnostics, 2021, 11, 1886.	1.3	2
51	Giant subperiosteal hematoma. Quantitative Imaging in Medicine and Surgery, 2016, 6, 791-792.	1.1	1
52	Endoscopically unmanageable peptic ulcer bleeding: transcatheter arterial embolization remains the first-line therapy in 2020. European Journal of Trauma and Emergency Surgery, 2020, 46, 1037-1038.	0.8	1
53	Re: Systematic Review and Meta-Analysis of Prophylactic Transarterial Embolization for High-Risk Bleeding Peptic Ulcer Disease. Journal of Vascular and Interventional Radiology, 2021, 32, 1389-1390.	0.2	0