

# Laure S Fournier

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

3,323  
citations

172457

29  
h-index

161849

54  
g-index

103  
all docs

103  
docs citations

103  
times ranked

5244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risks and benefits of systematic lymphadenectomy during interval debulking surgery for advanced high grade serous ovarian cancer. <i>European Journal of Surgical Oncology</i> , 2022, 48, 275-282.	1.0	5
2	Technical note: Design and initial evaluation of a novel physical breast phantom to monitor image quality in digital breast tomosynthesis. <i>Medical Physics</i> , 2022, , .	3.0	2
3	Adjusting D-dimer to Lung Disease Extent to Exclude Pulmonary Embolism in COVID-19 Patients (Co-LEAD). <i>Thrombosis and Haemostasis</i> , 2022, 122, 1888-1898.	3.4	5
4	Validation of a deep learning segmentation algorithm to quantify the skeletal muscle index and sarcopenia in metastatic renal carcinoma. <i>European Radiology</i> , 2022, 32, 4728-4737.	4.5	11
5	Editorial: Quantitative Imaging for Clinical Decisions. <i>Frontiers in Oncology</i> , 2022, 12, 858372.	2.8	0
6	Nivolumab, nivolumabâ€“ipilimumab, and VEGFR-tyrosine kinase inhibitors as first-line treatment for metastatic clear-cell renal cell carcinoma (BIONIKK): a biomarker-driven, open-label, non-comparative, randomised, phase 2 trial. <i>Lancet Oncology</i> , The, 2022, 23, 612-624.	10.7	66
7	Intravoxel incoherent motion (IVIM) 3Âˆ MRI for orbital lesion characterization. <i>European Radiology</i> , 2021, 31, 14-23.	4.5	14
8	AI-driven quantification, staging and outcome prediction of COVID-19 pneumonia. <i>Medical Image Analysis</i> , 2021, 67, 101860.	11.6	111
9	Proposals for the use of artificial intelligence in emergency radiology. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 63-68.	3.2	12
10	Prevalence and characteristics of pulmonary embolism in 1042 COVID-19 patients with respiratory symptoms: A nested case-control study. <i>Thrombosis Research</i> , 2021, 197, 94-99.	1.7	47
11	Involvement of radiologists in oncologic multidisciplinary team meetings: an international survey by the European Society of Oncologic Imaging. <i>European Radiology</i> , 2021, 31, 983-991.	4.5	17
12	Radiomic analysis of HTR-DCE MR sequences improves diagnostic performance compared to BI-RADS analysis of breast MR lesions. <i>European Radiology</i> , 2021, 31, 4848-4859.	4.5	15
13	Prevalence of pulmonary embolism in patients with COVID-19 at the time of hospital admission. <i>European Respiratory Journal</i> , 2021, 58, 2100116.	6.7	41
14	Diagnostic Accuracy of Four Levels of Manual Compression Applied in Supersonic Shear Wave Elastography of the Breast. <i>Academic Radiology</i> , 2021, 28, 481-486.	2.5	13
15	Feasibility of an adapted schedule of carboplatin plus paclitaxel in elderly women with advanced ovarian cancer: A retrospective cohort.. <i>Journal of Clinical Oncology</i> , 2021, 39, 5546-5546.	1.6	0
16	What can we learn from the 10 mm lymph node size cut-off on the CT in advanced ovarian cancer at the time of interval debulking surgery?. <i>Gynecologic Oncology</i> , 2021, 162, 667-673.	1.4	4
17	Study of Thoracic CT in COVID-19: The STOIC Project. <i>Radiology</i> , 2021, 301, E361-E370.	7.3	26
18	Incorporating radiomics into clinical trials: expert consensus endorsed by the European Society of Radiology on considerations for data-driven compared to biologically driven quantitative biomarkers. <i>European Radiology</i> , 2021, 31, 6001-6012.	4.5	53

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19	Clinical Impact of Lymphadenectomy after Neoadjuvant Chemotherapy in Advanced Epithelial Ovarian Cancer: A Review of Available Data. <i>Journal of Clinical Medicine</i> , 2021, 10, 334.	2.4	5
20	Can we use radiomics in ultrasound imaging? Impact of preprocessing on feature repeatability. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 659-667.	3.2	16
21	A Magnetic Resonance Imaging Radiomics Signature to Distinguish Benign From Malignant Orbital Lesions. <i>Investigative Radiology</i> , 2021, 56, 173-180.	6.2	22
22	Bone Metastases Are Measurable: The Role of Whole-Body MRI and Positron Emission Tomography. <i>Frontiers in Oncology</i> , 2021, 11, 772530.	2.8	14
23	Artificial Intelligence and Machine Learning. , 2021, , 213-225.		1
24	Application of Artificial Intelligence to Gastroenterology and Hepatology. <i>Gastroenterology</i> , 2020, 158, 76-94.e2.	1.3	335
25	Socio-economic and psychological impact of the COVID-19 outbreak on private practice and public hospital radiologists. <i>European Journal of Radiology</i> , 2020, 132, 109285.	2.6	23
26	Diagnostic Algorithm to Differentiate Benign Atypical Leiomyomas from Malignant Uterine Sarcomas with Diffusion-weighted MRI. <i>Radiology</i> , 2020, 297, 361-371.	7.3	56
27	Determining extent of COVID-19 pneumonia on CT based on biological variables. <i>Respiratory Medicine</i> , 2020, 175, 106206.	2.9	9
28	Pulmonary embolism in patients with COVID-19 pneumonia. <i>European Respiratory Journal</i> , 2020, 56, 2001365.	6.7	298
29	Impact of the COVID-19 crisis on imaging in oncological trials. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2054-2058.	6.4	11
30	Ovarian-Adnexal Reporting Data System Magnetic Resonance Imaging (O-RADS MRI) Score for Risk Stratification of Sonographically Indeterminate Adnexal Masses. <i>JAMA Network Open</i> , 2020, 3, e1919896.	5.9	144
31	Validated imaging biomarkers as decision-making tools in clinical trials and routine practice: current status and recommendations from the EIBALL* subcommittee of the European Society of Radiology (ESR). <i>Insights Into Imaging</i> , 2019, 10, 87.	3.4	61
32	Radiomique: mode d'emploi. Méthodologie et exemples d'application en imagerie de la femme. <i>Imagerie De La Femme</i> , 2019, 29, 25-33.	0.0	3
33	Quality-based pharmacokinetic model selection on DCE-MRI for characterizing orbital lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1514-1525.	3.4	14
34	Gray-level discretization impacts reproducible MRI radiomics texture features. <i>PLoS ONE</i> , 2019, 14, e0213459.	2.5	129
35	Assessment of different pre and intra-operative strategies to predict the actual ESMO risk group and to establish the appropriate indication of lymphadenectomy in endometrial cancer. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2018, 47, 517-523.	1.3	7
36	Sunitinib Prior to Planned Nephrectomy in Metastatic Renal Cell Carcinoma: Angiogenesis Biomarkers Predict Clinical Outcome in the Prospective Phase II PREINSUT Trial. <i>Clinical Cancer Research</i> , 2018, 24, 5534-5542.	7.0	15

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37	Prediction of Everolimus Toxicity and Prognostic Value of Skeletal Muscle Index in Patients With Metastatic Renal Cell Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2017, 15, 350-355.	1.9	26
38	Blood-Brain Barrier Leakage in Early Alzheimer Disease. <i>Radiology</i> , 2017, 282, 923-925.	7.3	4
39	Sunitinib in kidney cancer: 10 years of experience and development. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 129-142.	2.4	30
40	Repeatability of apparent diffusion coefficient and intravoxel incoherent motion parameters at 3.0 Tesla in orbital lesions. <i>European Radiology</i> , 2017, 27, 5094-5103.	4.5	29
41	Imaging Response of Antiangiogenic and Immune-Oncology Drugs in Metastatic Renal Cell Carcinoma (mRCC): Current Status and Future Challenges. <i>Kidney Cancer</i> , 2017, 1, 107-114.	0.4	8
42	Debulking Surgery: Interval Debulking Surgery Versus Primary: Pros and Cons on How to Evaluate Quality. , 2017, , 33-42.		0
43	Response to characterization of orbital masses by multiparametric MRI. <i>European Journal of Radiology</i> , 2016, 85, 1686-1687.	2.6	0
44	Ruptured benign serous ovarian cystadenoma mimicking ovarian malignancy with peritoneal carcinomatosis. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 1187-1188.	3.2	1
45	“Big data” and “open data”: What kind of access should researchers enjoy?. <i>Therapie</i> , 2016, 71, 107-114.	1.0	7
46	Supersonic Shear Wave Elastography of Response to Anti-cancer Therapy in a Xenograft Tumor Model. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 924-930.	1.5	18
47	<i>In Vivo</i> Detection of Succinate by Magnetic Resonance Spectroscopy as a Hallmark of SDHx Mutations in Paraganglioma. <i>Clinical Cancer Research</i> , 2016, 22, 1120-1129.	7.0	54
48	Antitumoral Effect of Mural Cells Assessed With High-Resolution MRI and Fluorescence Microscopy. <i>American Journal of Roentgenology</i> , 2015, 205, W11-W18.	2.2	2
49	Carcinose pÂ©ritonÃ©ale secondaire dâ€™origine ovarienne. <i>Imagerie De La Femme</i> , 2015, 25, 197-203.	0.0	1
50	Pitfalls in Imaging For Advanced Ovarian Cancer. <i>Seminars in Roentgenology</i> , 2015, 50, 284-293.	0.6	3
51	Prognostic factors in patients with advanced renal cell carcinoma treated with VEGF-targeted agents. <i>Expert Review of Anticancer Therapy</i> , 2014, 14, 523-542.	2.4	11
52	Multiparametric optical and MR imaging demonstrate inhibition of tumor angiogenesis natural history by mural cell therapy. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 841-849.	3.0	1
53	Necrotizing pancreatitis complicated by oesophageal haemorrhage. <i>Pancreatology</i> , 2014, 14, 146-147.	1.1	0
54	Assessing the Response to Targeted Therapies in Renal Cell Carcinoma: Technical Insights and Practical Considerations. <i>European Urology</i> , 2014, 65, 766-777.	1.9	32

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55	Imaging criteria for assessing tumour response: RECIST, mRECIST, Cheson. Diagnostic and Interventional Imaging, 2014, 95, 689-703.	3.2	52
56	Radiological evaluation of response to treatment: Application to metastatic renal cancers receiving anti-angiogenic treatment. Diagnostic and Interventional Imaging, 2014, 95, 527-539.	3.2	26
57	Postpartum Hemorrhage Treated with Gelfoam Slurry Embolization Using the Superselective Technique: Immediate Results and 1-Month MRI Follow-up. CardioVascular and Interventional Radiology, 2013, 36, 98-104.	2.0	11
58	Shear wave elastography of tumour growth in a human breast cancer model with pathological correlation. European Radiology, 2013, 23, 2079-2086.	4.5	73
59	New Insights into the Management of Renal Cell Cancer. Oncology, 2013, 84, 22-31.	1.9	16
60	&lt;em>In vivo</em> Imaging of Tumor Angiogenesis using Fluorescence Confocal Videomicroscopy. Journal of Visualized Experiments, 2013, , .	0.3	5
61	Diffusion-weighted imaging for evaluation of uterine arterial embolization of fibroids. Magnetic Resonance in Medicine, 2013, 70, 1739-1747.	3.0	11
62	Macromolecular Capillary Leakage Is Involved in the Onset of Anaphylactic Hypotension. Anesthesiology, 2012, 117, 1072-1079.	2.5	18
63	Optimisation of the tumour response threshold in patients treated with everolimus for metastatic renal cell carcinoma: Analysis of response and progression-free survival in the RECORD-1 study. European Journal of Cancer, 2012, 48, 1512-1518.	2.8	31
64	Tumour burden is an independent prognostic factor in metastatic renal cell carcinoma. BJU International, 2012, 110, 1753-1754.	2.5	39
65	Renal malacoplakia: Case report of a differential diagnosis for renal cell carcinoma. American Journal of Case Reports, 2012, 13, 38-40.	0.8	8
66	La loi Jard��: une nouvelle loi r��gissant la recherche m��dicale. HEGEL - HEpato-GastroEnt��rologie Lib��rale, 2012, N�� 3, 47-50.	0.0	0
67	La loi Jard�� : une nouvelle loi r��gissant la recherche m��dicale. Canc��ro Digest, 2012, , .	0.0	0
68	Accuracy of perfusion MRI with high spatial but low temporal resolution to assess invasive breast cancer response to neoadjuvant chemotherapy: a retrospective study. BMC Cancer, 2011, 11, 361.	2.6	35
69	Metastatic Renal Cell Carcinoma: Relationship Between Initial Metastasis Hypoxia, Change After 1 Month's Sunitinib, and Therapeutic Response: An <sup>18</sup>F-Fluoromisonidazole PET/CT Study. Journal of Nuclear Medicine, 2011, 52, 1048-1055.	5.0	82
70	Signal-to-Noise Ratio Improvement in Dynamic Contrast-enhanced CT and MR Imaging with Automated Principal Component Analysis Filtering. Radiology, 2011, 258, 435-445.	7.3	20
71	RECIST 1.1: mode d'emploi. Canc��ro Digest, 2011, , .	0.0	0
72	Metastatic Renal Carcinoma: Evaluation of Antiangiogenic Therapy with Dynamic Contrast-enhanced CT. Radiology, 2010, 256, 511-518.	7.3	124

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73	Salvage Therapy with Bevacizumab+Sunitinib Combination after Failure of Sunitinib Alone for Metastatic Renal Cell Carcinoma: A Case Series. <i>European Urology</i> , 2009, 56, 207-211.	1.9	20
74	Contribution of diffusion-weighted MR imaging for predicting benignity of complex adnexal masses. <i>European Radiology</i> , 2009, 19, 1544-1552.	4.5	163
75	Dynamic optical breast imaging: A novel technique to detect and characterize tumor vessels. <i>European Journal of Radiology</i> , 2009, 69, 43-49.	2.6	31
76	Response of Renal Cell Carcinoma Pancreatic Metastasis to Sunitinib Treatment: A Retrospective Analysis. <i>Journal of Urology</i> , 2009, 181, 2470-2475.	0.4	26
77	MR Monitoring of Cyclooxygenase-2 Inhibition of Angiogenesis in a Human Breast Cancer Model in Rats. <i>Radiology</i> , 2007, 243, 105-111.	7.3	31
78	Cascade Polymeric MRI Contrast Media Derived from Poly(ethylene glycol) Cores: Initial Syntheses and Characterizations. <i>Biomacromolecules</i> , 2007, 8, 1519-1529.	5.4	38
79	Prospective Multicenter Phase II Study of Gemcitabine Plus Platinum Salt for Metastatic Collecting Duct Carcinoma: Results of a GETUG (Groupe d'Études des Tumeurs Uro-Génitales) Study. <i>Journal of Urology</i> , 2007, 177, 1698-1702.	0.4	160
80	Magnetic Targeting of Rhodamine-Labeled Superparamagnetic Liposomes to Solid Tumors: In Vivo Tracking by Fibered Confocal Fluorescence Microscopy. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00004.	1.4	33
81	Optical mammography: a new technique for visualizing breast lesions in women presenting non palpable BIRADS 4-5 imaging findings: preliminary results with radiologic-pathologic correlation. <i>Cancer Imaging</i> , 2007, 7, 34-40.	2.8	19
82	In-vivo NIR autofluorescence imaging of rat mammary tumors. <i>Optics Express</i> , 2006, 14, 6713.	3.4	10
83	Initial Computed Tomography Imaging Experience Using a New Macromolecular Iodinated Contrast Medium in Experimental Breast Cancer. <i>Investigative Radiology</i> , 2005, 40, 614-620.	6.2	23
84	Comprehensive model for simultaneous MRI determination of perfusion and permeability using a blood-pool agent in rats rhabdomyosarcoma. <i>European Radiology</i> , 2005, 15, 2497-2505.	4.5	44
85	Dynamic optical breast imaging: A new technique to visualise breast vessels: Comparison with breast MRI and preliminary results. <i>European Journal of Radiology</i> , 2005, 54, 72-79.	2.6	21
86	The Role of Blood Pool Contrast Media in the Study of Tumor Pathophysiology. , 2005, , 39-52.		1
87	Magnetic Resonance Imaging Detects Early Changes in Microvascular Permeability in Xenograft Tumors after Treatment with the Matrix Metalloprotease Inhibitor Prinomastat. <i>Technology in Cancer Research and Treatment</i> , 2004, 3, 377-382.	1.9	10
88	Early modifications of hepatic perfusion measured by functional CT in a rat model of hepatocellular carcinoma using a blood pool contrast agent. <i>European Radiology</i> , 2004, 14, 2125-2133.	4.5	79
89	Challenges for the development of clinically useful fluorescing diagnostic contrast agents for optical imaging: a radiologist's perspective. , 2004, , .		0
90	Pyothorax-Associated Lymphoma:Diagnosis at Percutaneous Core Biopsy with CT Guidance. <i>American Journal of Roentgenology</i> , 2003, 180, 969-971.	2.2	12

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91	In-vivo NIR autofluorescence of rat mammary tumors discriminates pathological malignancy. , 2003, , .		0
92	Can CT Replace Bronchoscopy in the Detection of the Site and Cause of Bleeding in Patients with Large or Massive Hemoptysis?. American Journal of Roentgenology, 2002, 179, 1217-1224.	2.2	142
93	Tumor Imaging. , 0, , 277-309.		0
94	Socio-Economic and Psychological Impact of the COVID-19 Outbreak on Private Practice and Public Hospital Radiologists. SSRN Electronic Journal, 0, , .	0.4	1