

Stefano Colagrande

List of Publications by Year in descending order

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114
papers

4,016
citations

147801
31
h-index

133252
59
g-index

122
all docs

122
docs citations

122
times ranked

5191
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver stiffness measurement predicts severe portal hypertension in patients with HCV-related cirrhosis. Hepatology, 2007, 45, 1290-1297.	7.3	628
2	Hepatocellular Adenoma and Focal Nodular Hyperplasia: Value of Gadoxetic Acid-enhanced MR Imaging in Differential Diagnosis. Radiology, 2012, 262, 520-529.	7.3	259
3	Fibrosis in chronic liver diseases: diagnosis and management. Journal of Hepatology, 2005, 42, S22-S36.	3.7	212
4	In vivo ultrasound assessment of respiratory function of abdominal muscles in normal subjects. European Respiratory Journal, 1997, 10, 2861-2867.	6.7	160
5	Challenges of advanced hepatocellular carcinoma. World Journal of Gastroenterology, 2016, 22, 7645.	3.3	135
6	Staging and follow-up of nasopharyngeal carcinoma: Magnetic resonance imaging versus computerized tomography. International Journal of Radiation Oncology Biology Physics, 1995, 32, 795-800.	0.8	120
7	Safety and efficacy of rituximab in patients with hepatitis C virus-related mixed cryoglobulinemia and severe liver disease. Blood, 2010, 116, 335-342.	1.4	112
8	Additional value of gadoxetic acid-enhanced hepatobiliary phase MR imaging in the diagnosis of early-stage hepatocellular carcinoma: Comparison with dynamic triple-phase multidetector CT imaging. Journal of Magnetic Resonance Imaging, 2011, 34, 69-78.	3.4	106
9	Magnetic resonance diffusion-weighted imaging: extraneurological applications. Radiologia Medica, 2006, 111, 392-419.	7.7	94
10	Can MR fluoroscopic triggering technique and slow rate injection provide appropriate arterial phase images with reducing artifacts on gadoxetic acid-enhanced (Gd-EOB-DTPA)-enhanced hepatic MR imaging?. Journal of Magnetic Resonance Imaging, 2010, 32, 334-340.	3.4	89
11	Transient Hepatic Intensity Differences: Part 1, Those Associated with Focal Lesions. American Journal of Roentgenology, 2007, 188, 154-159.	2.2	75
12	Metal and motion artifacts by cone beam computed tomography (CBCT) in dental and maxillofacial study. Radiologia Medica, 2015, 120, 618-626.	7.7	68
13	MR diffusion weighted imaging of healthy liver parenchyma: Repeatability and reproducibility of apparent diffusion coefficient measurement. Journal of Magnetic Resonance Imaging, 2010, 31, 912-920.	3.4	64
14	Transient Hepatic Attenuation Differences. American Journal of Roentgenology, 2004, 183, 459-464.	2.2	62
15	Dynamic contrast-enhanced MRI in oncology: how we do it. Radiologia Medica, 2020, 125, 1288-1300.	7.7	62
16	Transient Hepatic Intensity Differences: Part 2, Those Not Associated with Focal Lesions. American Journal of Roentgenology, 2007, 188, 160-166.	2.2	60
17	The role of chest CT in deciphering interstitial lung involvement: systemic sclerosis versus COVID-19. Rheumatology, 2022, 61, 1600-1609.	1.9	53
18	Persistent contrast enhancement by sterically stabilized paramagnetic liposomes in murine melanoma. Magnetic Resonance in Medicine, 2004, 52, 669-672.	3.0	52

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19	Head and neck effective dose and quantitative assessment of image quality: a study to compare cone beam CT and multislice spiral CT. <i>Dentomaxillofacial Radiology</i> , 2017, 46, 20170030.	2.7	52
20	Whole-body magnetic resonance imaging (WB-MRI) in oncology: recommendations and key uses. <i>Radiologia Medica</i> , 2019, 124, 218-233.	7.7	52
21	The Influence of Diffusion- and Relaxation-Related Factors on Signal Intensity. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 463-474.	0.9	51
22	MRI of Hepatic Epithelioid Hemangioendothelioma (HEH). <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 552-558.	3.4	44
23	Is Panoramic Radiography an Accurate Imaging Technique for the Detection of Endodontically Treated Asymptomatic Apical Periodontitis?. <i>Journal of Endodontics</i> , 2018, 44, 1500-1508.	3.1	44
24	Spirometric assessment of emphysema presence and severity as measured by quantitative CT and CT-based radiomics in COPD. <i>Respiratory Research</i> , 2019, 20, 101.	3.6	43
25	Advanced hepatocellular carcinoma and sorafenib: Diagnosis, indications, clinical and radiological follow-up. <i>World Journal of Hepatology</i> , 2015, 7, 1041.	2.0	42
26	Motion artefacts in cone beam CT: an <i>in vitro</i> study about the effects on the images. <i>British Journal of Radiology</i> , 2016, 89, 20150687.	2.2	41
27	Safety and efficacy of ruxolitinib in splanchnic vein thrombosis associated with myeloproliferative neoplasms. <i>American Journal of Hematology</i> , 2017, 92, 187-195.	4.1	41
28	The role of diffusion-weighted imaging in the detection of hepatic metastases from colorectal cancer: A comparison with unenhanced and Gd-EOB-DTPA enhanced MRI. <i>European Journal of Radiology</i> , 2016, 85, 1027-1034.	2.6	39
29	Whole-body magnetic resonance imaging (WB-MRI) for cancer screening: recommendations for use. <i>Radiologia Medica</i> , 2021, 126, 1434-1450.	7.7	36
30	A Robust Design for Cellular Vehicles of Gold Nanorods for Multimodal Imaging. <i>Advanced Functional Materials</i> , 2016, 26, 7178-7185.	14.9	33
31	Accuracy of Orthopantomography for Apical Periodontitis without Endodontic Treatment. <i>Journal of Endodontics</i> , 2017, 43, 1640-1646.	3.1	33
32	MRI features of primary hepatic lymphoma. <i>Abdominal Radiology</i> , 2018, 43, 2277-2287.	2.1	33
33	Solitary necrotic nodule of the liver: imaging and correlation with pathologic features. <i>Abdominal Imaging</i> , 2003, 28, 41-44.	2.0	32
34	Vulnerability to Infarction During Cerebral Ischemia in Migraine Sufferers. <i>Stroke</i> , 2018, 49, 573-578.	2.0	31
35	Cardiac magnetic resonance in patients with mitral valve prolapse: Focus on late gadolinium enhancement and T1 mapping. <i>European Radiology</i> , 2019, 29, 1546-1554.	4.5	31
36	State of the art in post-mortem computed tomography: a review of current literature. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 139-150.	2.8	31

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37	Performance of Doppler ultrasound in the prediction of severe portal hypertension in hepatitis C virus-related chronic liver disease. <i>Liver International</i> , 2007, 27, 1379-1388.	3.9	29
38	Radiation dose in non-dental cone beam CT applications: a systematic review. <i>Radiologia Medica</i> , 2018, 123, 765-777.	7.7	29
39	CT exposure in adult and paediatric patients: a review of the mechanisms of damage, relative dose and consequent possible risks. <i>Radiologia Medica</i> , 2014, 119, 803-810.	7.7	28
40	Edema-like marrow signal intensity: a narrative review with a pictorial essay. <i>Skeletal Radiology</i> , 2021, 50, 645-663.	2.0	28
41	Imaging of mandibular fractures: a pictorial review. <i>Insights Into Imaging</i> , 2020, 11, 30.	3.4	25
42	Whole-body magnetic resonance imaging (WB-MRI) in oncology: an Italian survey. <i>Radiologia Medica</i> , 2021, 126, 299-305.	7.7	25
43	Effects of gadoteric acid on quantitative diffusion-weighted imaging of the liver. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 365-370.	3.4	24
44	Predictors of survival in patients with established cirrhosis and hepatocellular carcinoma treated with sorafenib. <i>World Journal of Gastroenterology</i> , 2014, 20, 786.	3.3	24
45	Magnetic resonance diffusion-weighted imaging: quantitative evaluation of age-related changes in healthy liver parenchyma. <i>Magnetic Resonance Imaging</i> , 2011, 29, 805-812.	1.8	23
46	The diffusion parameter in magnetic resonance: physics, techniques, and semeiotics. <i>Radiologia Medica</i> , 2005, 109, 1-16.	7.7	23
47	T2-weighted and diffusion-weighted MRI for discriminating benign from malignant focal liver lesions: Diagnostic abilities of single versus combined interpretations. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1388-1396.	3.4	21
48	Diffusion-weighted magnetic resonance imaging in the prediction and assessment of chemotherapy outcome in liver metastases. <i>Radiologia Medica</i> , 2014, 119, 625-633.	7.7	21
49	Assessment of Liver Perfusion by IntraVoxel Incoherent Motion (IVIM) Magnetic Resonance-Diffusion-Weighted Imaging. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 1.	0.9	21
50	State-of-the-art review of lung imaging in cystic fibrosis with recommendations for pulmonologists and radiologists from the "eIMaging management of cystic fibrosis" (MAESTRO) consortium. <i>European Respiratory Review</i> , 2022, 31, 210173.	7.1	21
51	Devic's syndrome and primary APS: a new immunological overlap. <i>Lupus</i> , 2010, 19, 1337-1339.	1.6	20
52	Solitary Necrotic Nodules of the Liver: Cross-Sectional Imaging Findings and Follow-Up in Nine Patients. <i>American Journal of Roentgenology</i> , 2008, 191, 1122-1128.	2.2	19
53	Transient hepatic attenuation difference (THAD) in biliary duct disease. <i>Abdominal Imaging</i> , 2009, 34, 626-633.	2.0	19
54	Incidental and Metastatic Adrenal Masses. <i>Seminars in Oncology</i> , 2010, 37, 649-661.	2.2	19

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55	MR-diffusion imaging in assessing chronic liver diseases: does a clinical role exist?. Radiologia Medica, 2012, 117, 242-253.	7.7	19
56	Radiologic Cerebral Reperfusion at 24h Predicts Good Clinical Outcome. Translational Stroke Research, 2019, 10, 178-188.	4.2	19
57	A multifunctional organosilica cross-linker for the bio-conjugation of gold nanorods. Colloids and Surfaces B: Biointerfaces, 2017, 157, 174-181.	5.0	19
58	Improvement in liver cirrhosis after treatment of HCV-related mixed cryoglobulinemia with rituximab. Digestive and Liver Disease, 2007, 39, S129-S133.	0.9	18
59	Magnetic resonance imaging of salivary gland tumours: Key findings for imaging characterisation. European Journal of Radiology, 2021, 139, 109716.	2.6	18
60	Liver Lesion Characterization: The Wrong Choice of Contrast Agent Can Mislead the Diagnosis of Hemangioma. American Journal of Roentgenology, 2012, 199, W662-W662.	2.2	17
61	Quantitative analysis of pulmonary vasculature in systemic sclerosis at spirometry-gated chest CT. Annals of the Rheumatic Diseases, 2020, 79, 1210-1217.	0.9	17
62	The role of diffusion-weighted and dynamic contrast enhancement perfusion-weighted imaging in the evaluation of salivary glands neoplasms. Radiologia Medica, 2020, 125, 851-863.	7.7	17
63	Diffusion weighted imaging in cystic fibrosis disease: beyond morphological imaging. European Radiology, 2016, 26, 3830-3839.	4.5	16
64	Transient hepatic attenuation differences (THAD) not connected to focal lesions. Radiologia Medica, 2002, 104, 25-43.	7.7	16
65	Value of Hepatic Arterial Phase CT Versus Lipiodol Ultrafluid CT in the Detection of Hepatocellular Carcinoma. Journal of Computer Assisted Tomography, 2000, 24, 878-883.	0.9	15
66	Resovist enhanced MR imaging of the liver: Does quantitative assessment help in focal lesion classification and characterization?. Journal of Magnetic Resonance Imaging, 2009, 30, 1012-1020.	3.4	15
67	MRI for Rectal Cancer Primary Staging and Restaging After Neoadjuvant Chemoradiation Therapy: How to Do It During Daily Clinical Practice. European Journal of Radiology, 2020, 131, 109238.	2.6	15
68	Texture analysis in the characterization of parotid salivary gland lesions: A study on MR diffusion weighted imaging. European Journal of Radiology, 2021, 136, 109529.	2.6	15
69	Bile leak after elective laparoscopic cholecystectomy: Role of MR imaging. Journal of Radiology Case Reports, 2013, 7, 25-32.	0.4	14
70	The role of cone beam CT in the study of symptomatic total knee arthroplasty (TKA): a 20 cases report. British Journal of Radiology, 2017, 90, 20160925.	2.2	14
71	Spiral computed tomography versus ultrasound in the follow-up of cirrhotic patients previously treated for hepatocellular carcinoma: a prospective study. Journal of Hepatology, 2003, 39, 93-98.	3.7	13
72	Focal Liver Lesion Classification and Characterization in Noncirrhotic Liver. Journal of Computer Assisted Tomography, 2013, 37, 560-567.	0.9	12

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73	Lung magnetic resonance imaging in systemic sclerosis: a new promising approach to evaluate pulmonary involvement and progression. <i>Clinical Rheumatology</i> , 2021, 40, 1903-1912.	2.2	12
74	Intrabiliary metastasis from rectal cancer mimicking peripheral papillary-type cholangiocarcinoma. <i>Journal of Hepatology</i> , 2004, 41, 172-174.	3.7	11
75	Focal Liver Lesions Classification and Characterization. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 701-708.	0.9	11
76	Role of cone-beam computed tomography with a large field of view in Goldenhar syndrome. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018, 153, 269-277.	1.7	10
77	Imaging of the chemotherapy-induced hepatic damage: Yellow liver, blue liver, and pseudocirrhosis. <i>World Journal of Gastroenterology</i> , 2021, 27, 7866-7893.	3.3	10
78	Lung vascular changes as biomarkers of severity in systemic sclerosis-associated interstitial lung disease. <i>Rheumatology</i> , 2023, 62, 696-706.	1.9	9
79	Diffusion Weighted MR and Apparent Diffusion Coefficient Measurement in Classification and Characterization of Noncystic Focal Liver Lesions. <i>Medicine (United States)</i> , 2014, 93, e40.	1.0	8
80	Complete written/oral information about dose exposure in CT: is it really useful to guarantee the patients' awareness about radiation risks?. <i>Radiologia Medica</i> , 2018, 123, 788-798.	7.7	8
81	Bone Marrow Edema. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 189-200.	3.0	8
82	Superparamagnetic iron oxide-enhanced liver MRI with SHU 555 A (RESOVISTÂ®): New protocol infusion to improve arterial phase evaluation-A prospective study. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 607-616.	3.4	7
83	Transient Hepatic Parenchymal Enhancement detected at dynamic imaging: A short instruction manual for the clinician. <i>Digestive and Liver Disease</i> , 2012, 44, 363-368.	0.9	7
84	Sudden cardiac death in a patient with advanced hepatocellular carcinoma with good response to sorafenib treatment: A case report with literature analysis. <i>Molecular and Clinical Oncology</i> , 2017, 6, 389-396.	1.0	7
85	Transient Hepatic Attenuation Differences and Focal Liver Lesions. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 259-265.	0.9	6
86	How radiology can help pulmonary tuberculosis diagnosis: analysis of 49 patients. <i>Radiologia Medica</i> , 2019, 124, 838-845.	7.7	6
87	Pulmonary magnetic resonance imaging in systemic sclerosis: a jump in the future to unravel inflammation in interstitial lung disease. <i>Clinical Rheumatology</i> , 2021, 40, 3461-3464.	2.2	6
88	Multiple Effects of Somatostatin Analogs Verified in Three Cases of Metastasized Neuroendocrine Tumors of the Gastroenteropancreatic System. <i>Tumori</i> , 2006, 92, 170-174.	1.1	5
89	The Risks of Complications During Endoscopic Sinus Surgery in Cystic Fibrosis Patients: An Anatomical and Endoscopic Study. <i>Laryngoscope</i> , 2021, 131, E2481-E2489.	2.0	5
90	Complete resolution of primary sclerosing peritonitis ("abdominal cocoon") following long term therapy for <i>Tropheryma whipplei</i> : a case report and review of literature. <i>BMJ Case Reports</i> , 2009, 2009, bcr0420091810-bcr0420091810.	0.5	5

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91	Rheolitic thrombectomy in acute myocardial infarction: Effect on microvascular obstruction, infarct size, and left ventricular remodeling. Catheterization and Cardiovascular Interventions, 2016, 87, E1-8.	1.7	4
92	Electronic processing of digital panoramic radiography for the detection of apical periodontitis. Radiologia Medica, 2020, 125, 145-154.	7.7	4
93	CT volume of enhancement of disease (VED) can predict the early response to treatment and overall survival in patients with advanced HCC treated with sorafenib. European Radiology, 2021, 31, 1608-1619.	4.5	4
94	Pancreatic fistula: A proposed percutaneous procedure. World Journal of Hepatology, 2013, 5, 33.	2.0	3
95	Hemolymphangiomas of the Spleen. Journal of Computer Assisted Tomography, 2005, 29, 831-833.	0.9	2
96	Imaging studies in extramedullary hematopoiesis of the spleen. Annals of Hematology, 2014, 93, 347-349.	1.8	2
97	A Large Rheumatoid Nodule Mimicking Hepatic Malignancy. Hepatology, 2019, 69, 1345-1348.	7.3	2
98	Infection or Autoimmunity? The Clinical Challenge of Interstitial Lung Disease in Systemic Sclerosis During the COVID-19 Pandemic. Journal of Rheumatology, 2021, 48, 790-792.	2.0	2
99	Magnetic resonance imaging of inflammatory pseudotumor of the liver: a 2021 systematic literature update and series presentation. Abdominal Radiology, 0, , .	2.1	2
100	Teeth of the Renaissance: A paleopathological and historic-medical study on the jaws of the Medici Family. Journal of Forensic Radiology and Imaging, 2013, 1, 193-200.	1.2	1
101	Atypical liver lesion in previous trauma: Magnetic Resonance appearance. Liver International, 2013, 33, 805-805.	3.9	1
102	MR Imaging in non- α -hepatosplenic extramedullary hematopoiesis in primary myelofibrosis. American Journal of Hematology, 2016, 91, 1062-1063.	4.1	1
103	Diffusion-Weighted and Perfusion-Weighted MRI to Evaluate Therapeutic Response in Lymphoma: A Comparison with FDG-PET/CT. Acta Haematologica, 2018, 139, 74-76.	1.4	1
104	Myocardial infarction with nonobstructed coronary arteries following accidental nitrogen inhalation. Journal of Cardiovascular Medicine, 2019, 20, 487-488.	1.5	1
105	Recurrence of acute suppurative thyroiditis in a young man. Internal and Emergency Medicine, 2006, 1, 81-83.	2.0	0
106	Intermittent fever in a patient with apparent fatty liver. Gut, 2006, 55, 774-774.	12.1	0
107	Hemolymphangiomas of the Spleen. , 2008, , 681-686.		0
108	Biological profiles of plasmonic particles modified with a cell penetrating peptide. , 2015, , .		0

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109	Feasibility of plasmonic cellular vehicles for photoacoustic applications. , 2015, , .		0
110	Strategies for tumor targeting by gold nanorods. , 2015, , .		0
111	Optically induced microbubbles around gold nanorods: the influence of particle parameters and environment on cavitation threshold. , 2016, , .		0
112	Preparation of cellular vehicles for delivery of gold nanorods to tumors. , 2016, , .		0
113	Dynamics of endothelial progenitor cells in patients with advanced hepatocellular carcinoma. Digestive and Liver Disease, 2021, , .	0.9	0
114	Results of comprehensive cardiovascular diagnostic work-up in HIV positive patients. Infezioni in Medicina, 2020, 28, 397-406.	1.1	0