

# Ana P Lourenco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1749938/publications.pdf>

Version: 2024-02-01

110  
papers

3,185  
citations

172457

29  
h-index

189892

50  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3421  
citing authors

#	ARTICLE	IF	CITATIONS
1	ACR Appropriateness Criteria Breast Cancer Screening. <i>Journal of the American College of Radiology</i> , 2013, 10, 11-14.	1.8	241
2	ACR Appropriateness Criteria <sup>®</sup> Breast Cancer Screening. <i>Journal of the American College of Radiology</i> , 2017, 14, S383-S390.	1.8	144
3	Changes in Recall Type and Patient Treatment Following Implementation of Screening Digital Breast Tomosynthesis. <i>Radiology</i> , 2015, 274, 337-342.	7.3	124
4	Characterization of walnut, almond, and pine nut shells regarding chemical composition and extract composition. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 175-188.	4.6	122
5	Detection of Mammographically Occult Architectural Distortion on Digital Breast Tomosynthesis Screening: Initial Clinical Experience. <i>American Journal of Roentgenology</i> , 2014, 203, 216-222.	2.2	119
6	<i>Cynara cardunculus</i> L. as a biomass and multi-purpose crop: A review of 30 years of research. <i>Biomass and Bioenergy</i> , 2018, 109, 257-275.	5.7	116
7	Ovarian and tubal torsion: imaging findings on US, CT, and MRI. <i>Emergency Radiology</i> , 2014, 21, 179-187.	1.8	105
8	Lignin Composition and Structure Differs between Xylem, Phloem and Pith in <i>Quercus suber</i> L.. <i>Frontiers in Plant Science</i> , 2016, 7, 1612.	3.6	104
9	ACR Appropriateness Criteria Breast Cancer Screening. <i>Journal of the American College of Radiology</i> , 2016, 13, R45-R49.	1.8	80
10	Stereotactic Breast Biopsy: Comparison of Histologic Underestimation Rates with 11- and 9-Gauge Vacuum-Assisted Breast Biopsy. <i>American Journal of Roentgenology</i> , 2007, 189, W275-W279.	2.2	78
11	ACR Appropriateness Criteria <sup>®</sup> Palpable Breast Masses. <i>Journal of the American College of Radiology</i> , 2017, 14, S203-S224.	1.8	68
12	ACR Appropriateness Criteria <sup>®</sup> Evaluation of Nipple Discharge. <i>Journal of the American College of Radiology</i> , 2017, 14, S138-S153.	1.8	65
13	ACR Appropriateness Criteria <sup>®</sup> Breast Imaging of Pregnant and Lactating Women. <i>Journal of the American College of Radiology</i> , 2018, 15, S263-S275.	1.8	60
14	Ovarian torsion: Case-control study comparing the sensitivity and specificity of ultrasonography and computed tomography for diagnosis in the emergency department. <i>European Journal of Radiology</i> , 2014, 83, 733-738.	2.6	58
15	ACR Appropriateness Criteria <sup>®</sup> Monitoring Response to Neoadjuvant Systemic Therapy for Breast Cancer. <i>Journal of the American College of Radiology</i> , 2017, 14, S462-S475.	1.8	57
16	Characterization of lignin in heartwood, sapwood and bark from <i>Tectona grandis</i> using Py-GC/MS/FID. <i>Wood Science and Technology</i> , 2015, 49, 159-175.	3.2	54
17	Improvement of gasification performance of <i>Eucalyptus globulus</i> stumps with torrefaction and densification pre-treatments. <i>Fuel</i> , 2017, 206, 289-299.	6.4	51
18	Ultrasound-Guided Breast Cancer Cryoablation. <i>American Journal of Roentgenology</i> , 2019, 213, 716-722.	2.2	50

#	ARTICLE	IF	CITATIONS
19	High-Risk Lesions at MRI-Guided Breast Biopsy: Frequency and Rate of Underestimation. American Journal of Roentgenology, 2014, 203, 682-686.	2.2	49
20	Chemical composition and kraft pulping potential of 12 eucalypt species. Industrial Crops and Products, 2015, 66, 89-95.	5.2	48
21	Characterization of hairs and pappi from <i>Cynara cardunculus capitula</i> and their suitability for paper production. Industrial Crops and Products, 2009, 29, 116-125.	5.2	47
22	Comparison of digital mammography and digital breast tomosynthesis in the detection of architectural distortion. European Radiology, 2018, 28, 3-10.	4.5	47
23	Chemical and fuel properties of stumps biomass from <i>Eucalyptus globulus</i> plantations. Industrial Crops and Products, 2012, 39, 12-16.	5.2	42
24	The influence of heartwood on the pulping properties of <i>Acacia melanoxylon</i> wood. Journal of Wood Science, 2008, 54, 464-469.	1.9	41
25	ACR Appropriateness Criteria Evaluation of the Symptomatic Male Breast. Journal of the American College of Radiology, 2015, 12, 678-682.	1.8	41
26	ACR Appropriateness Criteria® Breast Implant Evaluation. Journal of the American College of Radiology, 2018, 15, S13-S25.	1.8	41
27	ACR Appropriateness Criteria® Evaluation of the Symptomatic Male Breast. Journal of the American College of Radiology, 2018, 15, S313-S320.	1.8	40
28	Ceramides from the fungus <i>Phellinus pini</i> . Phytochemistry, 1996, 43, 617-620.	2.9	36
29	Characterization of crop residues from false banana ( <i>Ensete ventricosum</i> ) in Ethiopia in view of a full-resource valorization. PLoS ONE, 2018, 13, e0199422.	2.5	35
30	ACR Appropriateness Criteria® Transgender Breast Cancer Screening. Journal of the American College of Radiology, 2021, 18, S502-S515.	1.8	33
31	Imaging Unusual Pregnancy Implantations: Rare Ectopic Pregnancies and More. American Journal of Roentgenology, 2016, 207, 1380-1392.	2.2	31
32	Teaching and Working With Millennial Trainees: Impact on Radiological Education and Work Performance. Journal of the American College of Radiology, 2017, 14, 92-95.	1.8	31
33	Ductal Carcinoma in Situ: Current Concepts in Biology, Imaging, and Treatment. Journal of Breast Imaging, 2019, 1, 166-176.	1.3	29
34	Variation of Lignin Monomeric Composition During Kraft Pulping of <i>Eucalyptus globulus</i> Heartwood and Sapwood. Journal of Wood Chemistry and Technology, 2013, 33, 1-18.	1.7	28
35	MRI: first-line imaging modality for pregnant patients with suspected appendicitis. Abdominal Imaging, 2015, 40, 3359-3364.	2.0	28
36	The influence of irrigation and fertilization on heartwood and sapwood contents in 18-year-old <i>Eucalyptus globulus</i> trees. Canadian Journal of Forest Research, 2006, 36, 2675-2683.	1.7	27

#	ARTICLE	IF	CITATIONS
37	Digital Mammography Stereotactic Biopsy versus Digital Breast Tomosynthesisâ€“guided Biopsy: Differences in Biopsy Targets, Pathologic Results, and Discordance Rates. <i>Radiology</i> , 2020, 294, 518-527.	7.3	27
38	Dense Breast Ultrasound Screening After Digital Mammography Versus After Digital Breast Tomosynthesis. <i>American Journal of Roentgenology</i> , 2019, 213, 1397-1402.	2.2	26
39	ACR Appropriateness Criteria® Breast Pain. <i>Journal of the American College of Radiology</i> , 2018, 15, S276-S282.	1.8	25
40	Biomass production of four <i>Cynara cardunculus</i> clones and lignin composition analysis. <i>Biomass and Bioenergy</i> , 2015, 76, 86-95.	5.7	24
41	Improving outcomes of screening breast MRI with practice evolution: Initial clinical experience with 3T compared to 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 535-539.	3.4	22
42	Probably benign breast MRI lesions: Frequency, lesion type, and rate of malignancy. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 789-794.	3.4	22
43	Steam Explosion as a Pretreatment of <i>Cynara cardunculus</i> Prior to Delignification. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 424-433.	3.7	22
44	Clinical and Radiologic Follow-up Study for Biopsy Diagnosis of Radial Scar/Radial Sclerosing Lesion without Other Atypia. <i>Breast Journal</i> , 2016, 22, 637-644.	1.0	21
45	A Noninvasive Blood-based Combinatorial Proteomic Biomarker Assay to Detect Breast Cancer in Women Under the Age of 50 Years. <i>Clinical Breast Cancer</i> , 2017, 17, 516-525.e6.	2.4	21
46	ACR Appropriateness Criteria® Breast Pain. <i>Journal of the American College of Radiology</i> , 2017, 14, S25-S33.	1.8	20
47	Effect of Rice Husk Torrefaction on Syngas Production and Quality. <i>Energy &amp; Fuels</i> , 2017, 31, 5183-5192.	5.1	20
48	Thermal Conversion of <i>Cynara cardunculus</i> L. and Mixtures with <i>Eucalyptus globulus</i> by Fluidized-Bed Combustion and Gasification. <i>Energy &amp; Fuels</i> , 2013, 27, 6725-6737.	5.1	19
49	Screening Mammography Recall Rate: Does Practice Site Matter?. <i>Radiology</i> , 2013, 269, 348-353.	7.3	19
50	Distillery Residues from <i>Cistus ladanifer</i> (Rockrose) as Feedstock for the Production of Added-Value Phenolic Compounds and Hemicellulosic Oligosaccharides. <i>Bioenergy Research</i> , 2019, 12, 347-358.	3.9	19
51	Py-GC/MS(FID) assessed behavior of polysaccharides during kraft delignification of <i>Eucalyptus globulus</i> heartwood and sapwood. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 101, 142-149.	5.5	18
52	The Potential of Hydrothermally Pretreated Industrial Barks From <i>E. globulus</i> as a Feedstock for Pulp Production. <i>Journal of Wood Chemistry and Technology</i> , 2016, 36, 383-392.	1.7	18
53	The influence of nuclear interactions on ionization chamber perturbation factors in proton beams: FLUKA simulations supported by a Fano test. <i>Medical Physics</i> , 2019, 46, 885-891.	3.0	18
54	Chemical characterization of cork, phloem and wood from different <i>Quercus suber</i> provenances and trees. <i>Heliyon</i> , 2019, 5, e02910.	3.2	18

#	ARTICLE	IF	CITATIONS
55	Neo-clerodane diterpenoids from <i>Teucrium gracile</i> . <i>Phytochemistry</i> , 1991, 30, 3693-3697.	2.9	17
56	Necessity of Hysterosalpingography After Essure Microinsert Placement for Contraception. <i>American Journal of Roentgenology</i> , 2012, 198, 1460-1463.	2.2	17
57	Delignification of <i>Cistus ladanifer</i> Biomass by Organosolv and Alkali Processes. <i>Energies</i> , 2021, 14, 1127.	3.1	17
58	Experimental and Monte Carlo studies of fluence corrections for graphite calorimetry in low- and high-energy clinical proton beams. <i>Medical Physics</i> , 2016, 43, 4122-4132.	3.0	16
59	A Noninvasive Blood-based Combinatorial Proteomic Biomarker Assay to Detect Breast Cancer in Women over age 50 with BI-RADS 3, 4, or 5 Assessment. <i>Clinical Cancer Research</i> , 2019, 25, 142-149.	7.0	16
60	Does 16-Detector Computed Tomography Improve Detection of Non-traumatic Subarachnoid Hemorrhage in the Emergency Department?. <i>Journal of Emergency Medicine</i> , 2009, 36, 171-175.	0.7	15
61	Optimizing Radiology Reports for Patients and Referring Physicians: Mitigating the Curse of Knowledge. <i>Academic Radiology</i> , 2020, 27, 436-439.	2.5	14
62	Structural changes in lignin of thermally treated eucalyptus wood. <i>Journal of Wood Chemistry and Technology</i> , 2020, 40, 258-268.	1.7	14
63	Isolation and Structural Characterization of Lignin from Cardoon ( <i>Cynara cardunculus</i> L.) Stalks. <i>Bioenergy Research</i> , 2015, 8, 1946-1955.	3.9	13
64	An extensive study on the chemical diversity of lipophilic extractives from <i>Eucalyptus globulus</i> wood. <i>Phytochemistry</i> , 2020, 180, 112520.	2.9	13
65	Transformation of montanin A into isocrotocaudin. A revision of the structures of crotocaudin and isocrotocaudin. <i>Tetrahedron Letters</i> , 1991, 32, 7305-7308.	1.4	12
66	The absolute stereochemistry of some clerodane diterpenoids isolated from <i>Teucrium</i> species. <i>Phytochemistry</i> , 1991, 30, 613-617.	2.9	12
67	ACR Appropriateness Criteria® Stage I Breast Cancer: Initial Workup and Surveillance for Local Recurrence and Distant Metastases in Asymptomatic Women. <i>Journal of the American College of Radiology</i> , 2017, 14, S282-S292.	1.8	12
68	Chemical composition and cellular structure of ponytail palm ( <i>Beaucarnea recurvata</i> ) cork. <i>Industrial Crops and Products</i> , 2018, 124, 845-855.	5.2	12
69	<i>Cistus ladanifer</i> as a source of chemicals: structural and chemical characterization. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 325-337.	4.6	12
70	ACR Appropriateness Criteria® Imaging After Mastectomy and Breast Reconstruction. <i>Journal of the American College of Radiology</i> , 2020, 17, S403-S414.	1.8	12
71	Modeling of sapwood and heartwood delignification kinetics of <i>Eucalyptus globulus</i> using consecutive and simultaneous approaches. <i>Journal of Wood Science</i> , 2011, 57, 20-26.	1.9	11
72	Cancer Yield of Incidental Breast Lesions Detected on Chest Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 453-456.	0.9	11

#	ARTICLE	IF	CITATIONS
73	Breast Density Notification Letters and Websites: Are They Too "Dense"? Journal of the American College of Radiology, 2019, 16, 717-723.	1.8	11
74	Detection of emergent large vessel occlusion stroke with CT angiography is high across all levels of radiology training and grayscale viewing methods. European Radiology, 2020, 30, 4447-4453.	4.5	11
75	Eucalyptus globulus Stumps Bark: Chemical and Anatomical Characterization Under a Valorisation Perspective. Waste and Biomass Valorization, 2021, 12, 1253-1265.	3.4	11
76	The absolute stereochemistry at C-12 in 12-hydroxylated neo-clerodane diterpenoids. Tetrahedron, 1992, 48, 3925-3934.	1.9	10
77	Breast Density Legislation in New England. Academic Radiology, 2017, 24, 1265-1267.	2.5	10
78	Implementing Breast Cryoablation in Practice. Journal of Breast Imaging, 2020, 2, 61-66.	1.3	10
79	Diffuse dermal angiomatosis mimicking inflammatory breast carcinoma. Breast Journal, 2018, 24, 196-198.	1.0	9
80	Digital Breast Tomosynthesis and Digital Mammography Recall and False-Positive Rates by Time of Day and Reader Experience. Radiology, 2022, 303, 63-68.	7.3	9
81	Teaching Principles of Patient-Centered Care During Radiology Residency. Academic Radiology, 2016, 23, 802-809.	2.5	8
82	Correction of the measured current of a small-gap plane-parallel ionization chamber in proton beams in the presence of charge multiplication. Zeitschrift Fur Medizinische Physik, 2021, 31, 192-202.	1.5	8
83	Structural Features of Cork Dioxane Lignin from <i>Quercus suber</i> L.. Journal of Agricultural and Food Chemistry, 2021, 69, 8555-8564.	5.2	8
84	Malignancy Upgrade Rates of Radial Sclerosing Lesions at Breast Cancer Screening. Radiology Imaging Cancer, 2021, 3, e210036.	1.6	8
85	BioZorb tissue marker as seen on multiple imaging modalities. Breast Journal, 2018, 24, 207-209.	1.0	7
86	Utility of Targeted Sonography in Management of Probably Benign Breast Lesions Identified on Magnetic Resonance Imaging. Journal of Ultrasound in Medicine, 2012, 31, 1033-1040.	1.7	6
87	Screening Breast MRI in Women with a Personal History of Breast Cancer. Breast Journal, 2016, 22, 252-253.	1.0	6
88	Screening Digital Mammography Recall Rate: Does It Change with Digital Breast Tomosynthesis Experience?. Radiology, 2018, 286, 838-844.	7.3	6
89	The effect of eucalypt tree overaging on pulping and paper properties. European Journal of Wood and Wood Products, 2016, 74, 101-108.	2.9	5
90	Cholesteroloma of the breast: A 10 year retrospective review of 79 cases with radiology correlation. Breast Journal, 2019, 25, 1177-1181.	1.0	5

#	ARTICLE	IF	CITATIONS
91	Development and Assessment of Early Utilization of the Standardized Letter of Recommendation for Use in the Radiology Residency Match. <i>Academic Radiology</i> , 2022, 29, 1583-1589.	2.5	5
92	Online or Offline: Does It Matter? A Review of Existing Interpretation Approaches and Their Effect on Screening Mammography Metrics, Patient Satisfaction, and Cost. <i>Journal of Breast Imaging</i> , 2022, 4, 3-9.	1.3	5
93	Supplemental Screening for Women with Dense Breasts: What Do Practicing Radiologists Recommend?. <i>Journal of Breast Imaging</i> , 2019, 1, 32-36.	1.3	4
94	Patient Portals and Radiology: Overcoming Hurdles. <i>Journal of the American College of Radiology</i> , 2019, 16, 1488-1490.	1.8	4
95	A Roadmap for a Successful Breast Imaging Fellowship. <i>Journal of Breast Imaging</i> , 2020, 2, 157-160.	1.3	4
96	RVUs, SGR, RUC, and Alphabet Soup. <i>Academic Radiology</i> , 2016, 23, 797-801.	2.5	3
97	Advances in Breast Localization Techniques: An Opportunity to Improve Quality of Care and Patient Satisfaction. <i>Seminars in Roentgenology</i> , 2018, 53, 270-279.	0.6	3
98	Community-Based Breast Cancer Screening Using Digital Breast Tomosynthesis Versus Digital Mammography: Comparison of Screening Performance and Tumor Characteristics. <i>American Journal of Roentgenology</i> , 2022, 218, 249-257.	2.2	3
99	Incorporating Imaging Into the Locoregional Management of Breast Cancer. <i>Seminars in Radiation Oncology</i> , 2016, 26, 17-24.	2.2	2
100	A 10 year retrospective review of fine needle aspiration cytology of cystic lesions of the breast with emphasis on papillary cystic lesions. <i>Diagnostic Cytopathology</i> , 2019, 47, 400-403.	1.0	2
101	A Multimetric Evaluation of Online Patient Educational Materials for Breast Implant-associated Anaplastic Large Cell Lymphoma. <i>Journal of Breast Imaging</i> , 2021, 3, 564-571.	1.3	2
102	Anxiety and Breast Imaging-Can Community Education by a Breast Radiologist Decrease Anxiety and Improve Knowledge?. <i>Breast Journal</i> , 2017, 23, 605-606.	1.0	1
103	Glomangioma of the male breast. <i>Breast Journal</i> , 2018, 24, 87-89.	1.0	1
104	Re: Molecular Breast Imaging Under Threat by the Protecting Access to Medicare Act and ACR Appropriate Use Criteria. <i>Journal of the American College of Radiology</i> , 2020, 17, 445-446.	1.8	1
105	Compliance with Short-Interval Follow-up MRI after Benign Concordant MRI-guided Breast Biopsy. <i>Journal of Breast Imaging</i> , 2021, 3, 64-71.	1.3	1
106	Comprehensiveness of Breast Radiology Fellowship Online Content. <i>Journal of Breast Imaging</i> , 2021, 3, 72-76.	1.3	1
107	Dense Breast Notification Letters: What Do Breast Radiologists Think?. <i>Journal of Breast Imaging</i> , 2020, 2, 225-231.	1.3	0
108	BI-RADS 3 on dense breast screening ultrasound after digital mammography versus digital breast tomosynthesis. <i>Clinical Imaging</i> , 2021, 80, 315-321.	1.5	0

#	ARTICLE	IF	CITATIONS
109	Imaging diagnosis of uterine anomalies. <i>Medicine and Health, Rhode Island</i> , 2012, 95, 155-6.	0.1	0
110	Symptomatic Fibroadenoma Resolves Status Post Cryoablation. <i>Rhode Island Medical Journal</i> (2013), 2019, 102, 49-52.	0.2	0