

# Maria Sala

## List of Publications by Year in descending order

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Version: 2024-02-01

128  
papers

4,647  
citations

109321

35  
h-index

123424

61  
g-index

150  
all docs

150  
docs citations

150  
times ranked

5831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Focus on hepatocellular carcinoma. <i>Cancer Cell</i> , 2004, 5, 215-219.	16.8	523
2	Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. <i>Journal of Epidemiology and Community Health</i> , 2001, 55, 537-546.	3.7	171
3	Breastfeeding, Exposure to Organochlorine Compounds, and Neurodevelopment in Infants. <i>Pediatrics</i> , 2003, 111, e580-e585.	2.1	167
4	Smoking and Bladder Cancer in Spain: Effects of Tobacco Type, Timing, Environmental Tobacco Smoke, and Gender. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1348-1354.	2.5	148
5	Cancer risk in the rubber industry: a review of the recent epidemiological evidence. <i>Occupational and Environmental Medicine</i> , 1998, 55, 1-12.	2.8	142
6	Inter- and intraradiologist variability in the BI-RADS assessment and breast density categories for screening mammograms. <i>British Journal of Radiology</i> , 2012, 85, 1465-1470.	2.2	124
7	Risk excess of soft-tissue sarcoma and thyroid cancer in a community exposed to airborne organochlorinated compound mixtures with a high hexachlorobenzene content. <i>International Journal of Cancer</i> , 1994, 56, 200-203.	5.1	116
8	Hospital costs of nosocomial multi-drug resistant <i>Pseudomonas aeruginosa</i> acquisition. <i>BMC Health Services Research</i> , 2012, 12, 122.	2.2	113
9	Cost-Effectiveness and Harm-Benefit Analyses of Risk-Based Screening Strategies for Breast Cancer. <i>PLoS ONE</i> , 2014, 9, e86858.	2.5	113
10	Association between serum concentrations of hexachlorobenzene and polychlorobiphenyls with thyroid hormone and liver enzymes in a sample of the general population. <i>Occupational and Environmental Medicine</i> , 2001, 58, 172-177.	2.8	89
11	A systematic review and quality assessment of individualised breast cancer risk prediction models. <i>British Journal of Cancer</i> , 2019, 121, 76-85.	6.4	89
12	Effectiveness and safety of colistin for the treatment of multidrug-resistant <i>Pseudomonas aeruginosa</i> infections. <i>Infection</i> , 2009, 37, 461-465.	4.7	87
13	Metabolism of hexachlorobenzene in humans: association between serum levels and urinary metabolites in a highly exposed population.. <i>Environmental Health Perspectives</i> , 1997, 105, 78-83.	6.0	76
14	Changes in methylation pattern of albumin and $\alpha$ -fetoprotein genes in developing rat liver and neoplasia. <i>Nucleic Acids Research</i> , 1983, 11, 4335-4354.	14.5	74
15	Evaluation of hand hygiene adherence in a tertiary hospital. <i>American Journal of Infection Control</i> , 2007, 35, 676-683.	2.3	73
16	Organochlorine in the serum of inhabitants living near an electrochemical factory. <i>Occupational and Environmental Medicine</i> , 1999, 56, 152-158.	2.8	67
17	Occupation and bladder cancer in a hospital-based case-control study in Spain. <i>Occupational and Environmental Medicine</i> , 2008, 65, 347-353.	2.8	64
18	Tumor phenotype and breast density in distinct categories of interval cancer: results of population-based mammography screening in Spain. <i>Breast Cancer Research</i> , 2014, 16, R3.	5.0	60

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19	Phenotypic characterization and risk factors for interval breast cancers in a population-based breast cancer screening program in Barcelona, Spain. <i>Cancer Causes and Control</i> , 2010, 21, 1155-1164.	1.8	58
20	Breast cancer risk after diagnosis by screening mammography of nonproliferative or proliferative benign breast disease: a study from a population-based screening program. <i>Breast Cancer Research and Treatment</i> , 2015, 149, 237-244.	2.5	57
21	Health promotion trials at worksites and risk factors for cancer. <i>Scandinavian Journal of Work, Environment and Health</i> , 2002, 28, 141-157.	3.4	56
22	Coffee consumption and bladder cancer in nonsmokers: a pooled analysis of case-control studies in European countries. <i>Cancer Causes and Control</i> , 2000, 11, 925-931.	1.8	52
23	Organochlorine compounds and concentrations of thyroid stimulating hormone in newborns. <i>Occupational and Environmental Medicine</i> , 2003, 60, 301-303.	2.8	52
24	Anxiety and depression in women with breast cancer: Social and clinical determinants and influence of the social network and social support (DAMA cohort). <i>Cancer Epidemiology</i> , 2018, 55, 123-129.	1.9	52
25	Breastfeeding and concentrations of HCB and p,p'-DDE at the age of 1 year. <i>Environmental Research</i> , 2005, 98, 8-13.	7.5	48
26	Implementation of Digital Mammography in a Population-based Breast Cancer Screening Program: Effect of Screening Round on Recall Rate and Cancer Detection. <i>Radiology</i> , 2009, 252, 31-39.	7.3	48
27	Gender-Related Differences in Clinical and Pathological Characteristics and Therapy of Bladder Cancer. <i>European Urology</i> , 2003, 43, 53-62.	1.9	47
28	Cross-national comparison of screening mammography accuracy measures in U.S., Norway, and Spain. <i>European Radiology</i> , 2016, 26, 2520-2528.	4.5	47
29	Health Effects of Chronic High Exposure to Hexachlorobenzene in a General Population Sample. <i>Archives of Environmental Health</i> , 1999, 54, 102-109.	0.4	46
30	Risk factors for multidrug-resistant <i>Pseudomonas aeruginosa</i> acquisition. Impact of antibiotic use in a double case-control study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2010, 29, 335-339.	2.9	46
31	Prevalence of faecal incontinence and analysis of its impact on quality of life and mental health. <i>Colorectal Disease</i> , 2011, 13, 899-905.	1.4	45
32	Effect of false-positives and women's characteristics on long-term adherence to breast cancer screening. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 543-552.	2.5	42
33	Effect of protocol-related variables and women's characteristics on the cumulative false-positive risk in breast cancer screening. <i>Annals of Oncology</i> , 2012, 23, 104-111.	1.2	42
34	Trends in hormone therapy use before and after publication of the Women's Health Initiative trial. <i>Menopause</i> , 2009, 16, 1061-1064.	2.0	40
35	Aggressiveness features and outcomes of true interval cancers. <i>European Journal of Cancer Prevention</i> , 2013, 22, 21-28.	1.3	39
36	Personalized breast cancer screening strategies: A systematic review and quality assessment. <i>PLoS ONE</i> , 2019, 14, e0226352.	2.5	38

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37	Mammographic and clinical characteristics of different phenotypes of screen-detected and interval breast cancers in a nationwide screening program. <i>Breast Cancer Research and Treatment</i> , 2015, 154, 403-415.	2.5	36
38	Effect of information about the benefits and harms of mammography on women's decision making: The InforMa randomised controlled trial. <i>PLoS ONE</i> , 2019, 14, e0214057.	2.5	36
39	Risk of Breast Cancer in Women with False-Positive Results according to Mammographic Features. <i>Radiology</i> , 2016, 280, 379-386.	7.3	33
40	Differences in radiological patterns, tumour characteristics and diagnostic precision between digital mammography and screen-film mammography in four breast cancer screening programmes in Spain. <i>European Radiology</i> , 2011, 21, 2020-2028.	4.5	32
41	Reduction in False-Positive Results after Introduction of Digital Mammography: Analysis from Four Population-based Breast Cancer Screening Programs in Spain. <i>Radiology</i> , 2011, 258, 388-395.	7.3	32
42	Impact of comorbidity on survival by tumour location: Breast, colorectal and lung cancer (2000-2014). <i>Cancer Epidemiology</i> , 2017, 49, 66-74.	1.9	32
43	Cost Attributable to Nosocomial Bacteremia. Analysis According to Microorganism and Antimicrobial Sensitivity in a University Hospital in Barcelona. <i>PLoS ONE</i> , 2016, 11, e0153076.	2.5	32
44	Association of diabetes and diabetes treatment with incidence of breast cancer. <i>Acta Diabetologica</i> , 2016, 53, 99-107.	2.5	30
45	Effects of fire and of clearing in a Mediterranean <i>Quercus ilex</i> woodland: An experimental approach. <i>Catena</i> , 1992, 19, 321-332.	5.0	29
46	Cancer Mortality in Workers Exposed to Organochlorine Compounds in the Pulp and Paper Industry: An International Collaborative Study. <i>Environmental Health Perspectives</i> , 2006, 114, 1007-1012.	6.0	29
47	Cost-effectiveness of early detection of breast cancer in Catalonia (Spain). <i>BMC Cancer</i> , 2011, 11, 192.	2.6	29
48	Mammographic breast density: How it affects performance indicators in screening programmes?. <i>European Journal of Radiology</i> , 2019, 110, 81-87.	2.6	29
49	Serum organochlorines and urinary porphyrin pattern in a population highly exposed to hexachlorobenzene. <i>Environmental Health</i> , 2002, 1, 1.	4.0	27
50	Reference Change Value for $\alpha$ -Fetoprotein and Its Application in Early Detection of Hepatocellular Carcinoma in Patients with Hepatic Disease. <i>Clinical Chemistry</i> , 2003, 49, 1209-1211.	3.2	27
51	Effect of false-positive results on reattendance at breast cancer screening programmes in Spain. <i>European Journal of Public Health</i> , 2012, 22, 404-408.	0.3	27
52	Seroprevalence of <i>Bartonella</i> spp. infection in HIV patients in Catalonia, Spain. <i>BMC Infectious Diseases</i> , 2008, 8, 58.	2.9	26
53	Breast cancer detection risk in screening mammography after a false-positive result. <i>Cancer Epidemiology</i> , 2013, 37, 85-90.	1.9	24
54	Budget Impact Analysis of Switching to Digital Mammography in a Population-Based Breast Cancer Screening Program: A Discrete Event Simulation Model. <i>PLoS ONE</i> , 2014, 9, e97459.	2.5	24

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55	Impact of Risk Factors on Different Interval Cancer Subtypes in a Population-Based Breast Cancer Screening Programme. PLoS ONE, 2014, 9, e110207.	2.5	24
56	Association between socioeconomic deprivation and colorectal cancer screening outcomes: Low uptake rates among the most and least deprived people. PLoS ONE, 2017, 12, e0179864.	2.5	24
57	Social context for workplace health promotion: feasibility considerations in Costa Rica, Finland, Germany, Spain and Sweden. Health Promotion International, 2003, 18, 115-126.	1.8	23
58	Effect of start age of breast cancer screening mammography on the risk of false-positive results. Preventive Medicine, 2011, 53, 76-81.	3.4	23
59	Impact of age- and gender-specific cut-off values for the fecal immunochemical test for hemoglobin in colorectal cancer screening. Digestive and Liver Disease, 2016, 48, 542-551.	0.9	23
60	A qualitative study on a decision aid for breast cancer screening: Views from women and health professionals. European Journal of Cancer Care, 2017, 26, e12660.	1.5	21
61	Changes in FIT values below the threshold of positivity and short-term risk of advanced colorectal neoplasia: Results from a population-based cancer screening program. European Journal of Cancer, 2019, 107, 53-59.	2.8	21
62	Comorbidities and Mortality in Patients With COVID-19 Aged 60 Years and Older in a University Hospital in Spain. Archivos De Bronconeumologia, 2020, 56, 756-758.	0.8	21
63	Urinary Porphyrin Excretion in a Human Population Highly Exposed to Hexachlorobenzene. Archives of Dermatology, 1999, 135, 400-4.	1.4	20
64	Detection methods predict differences in biology and survival in breast cancer patients. BMC Cancer, 2012, 12, 604.	2.6	20
65	Floods triggered by natural conditions and by human activities in a mediterranean coastal environment. Geografiska Annaler, Series A: Physical Geography, 2003, 85, 301-312.	1.5	19
66	Breast density, benign breast disease, and risk of breast cancer over time. European Radiology, 2021, 31, 4839-4847.	4.5	19
67	A Death Certificate-Based Study of Occupation and Mortality From Reproductive Cancers Among Women in 24 US States. Journal of Occupational and Environmental Medicine, 1998, 40, 632-639.	1.7	19
68	Exposure to Asbestos and Lung and Pleural Cancer Mortality Among Pulp and Paper Industry Workers. Journal of Occupational and Environmental Medicine, 2002, 44, 579-584.	1.7	17
69	Does digital mammography suppose an advance in early diagnosis? Trends in performance indicators 6Âyears after digitalization. European Radiology, 2015, 25, 850-859.	4.5	17
70	A retrospective review of medical errors adjudicated in court between 2002 and 2012 in Spain. International Journal for Quality in Health Care, 2016, 28, 33-39.	1.8	17
71	A prognostic score based on clinical factors and biomarkers for advanced non-small cell lung cancer. International Journal of Biological Markers, 2012, 27, 257-262.	1.8	16
72	Seventeen-years overview of breast cancer inside and outside screening in Denmark. Acta OncolÃ³gica, 2013, 52, 48-56.	1.8	16

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73	Evaluation of two strategies for the interpretation of tumour markers in pleural effusions. <i>Respiratory Research</i> , 2017, 18, 103.	3.6	16
74	Association Between Visual Impairment and Patient-Reported Visual Disability at Different Stages of Cataract Surgery. <i>Ophthalmic Epidemiology</i> , 2006, 13, 299-307.	1.7	14
75	Prevalence of persistent pain after breast cancer treatment by detection mode among participants in population-based screening programs. <i>BMC Cancer</i> , 2016, 16, 735.	2.6	14
76	Changes in mammographic density over time and the risk of breast cancer: An observational cohort study. <i>Breast</i> , 2019, 46, 108-115.	2.2	14
77	Rate of Detection of Advanced Neoplasms in Proximal Colon by Simulated Sigmoidoscopy vs Fecal Immunochemical Tests. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 1708-1716.e4.	4.4	13
78	The effect of smoking on prostate cancer survival. <i>European Journal of Cancer Prevention</i> , 2015, 24, 335-339.	1.3	13
79	Cumulative risk of breast cancer screening outcomes according to the presence of previous benign breast disease and family history of breast cancer: supporting personalised screening. <i>British Journal of Cancer</i> , 2017, 116, 1480-1485.	6.4	13
80	Biomarkers expression in benign breast diseases and risk of subsequent breast cancer: a caseâ€“control study. <i>Cancer Medicine</i> , 2017, 6, 1482-1489.	2.8	13
81	Health care services use among long-term breast cancer survivors: a systematic review. <i>Journal of Cancer Survivorship</i> , 2019, 13, 477-493.	2.9	13
82	Factors that Influence Treatment Delay for Patients with Breast Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 3714-3721.	1.5	13
83	Pesticides and congenital malformations - how many studies will it take to reach a conclusion?. <i>Scandinavian Journal of Work, Environment and Health</i> , 1998, 24, 445-447.	3.4	13
84	Evaluation of urinary porphyrin excretion in neonates born to mothers exposed to airborne hexachlorobenzene.. <i>Environmental Health Perspectives</i> , 2002, 110, 205-209.	6.0	12
85	Differences in breast cancer risk after benign breast disease by type of screening diagnosis. <i>Breast</i> , 2020, 54, 343-348.	2.2	12
86	Clinical utility of determining tumor markers in patients with signs and symptoms of cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 485-91.	2.3	11
87	Eleven-year descriptive analysis of closed court verdicts on medical errors in Spain and Massachusetts. <i>BMJ Open</i> , 2016, 6, e011644.	1.9	11
88	Gene Expression Profiling in True Interval Breast Cancer Reveals Overactivation of the mTOR Signaling Pathway. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 288-299.	2.5	10
89	Evaluation of the interval cancer rate and its determinants on the Girona health regionâ€™s early breast cancer detection program. <i>BMC Cancer</i> , 2014, 14, 558.	2.6	10
90	Multimorbidity clusters among longâ€“term breast cancer survivors in Spain: Results of the <sc>SURBCAN</sc> study. <i>International Journal of Cancer</i> , 2021, 149, 1755-1767.	5.1	10

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91	Assessment of Feasibility of Workplace Health Promotion. <i>Preventive Medicine</i> , 2002, 35, 232-240.	3.4	9
92	Trends in Detection of Invasive Cancer and Ductal Carcinoma In Situ at Biennial Screening Mammography in Spain: A Retrospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e83121.	2.5	9
93	Incremental cost of nosocomial bacteremia according to the focus of infection and antibiotic sensitivity of the causative microorganism in a university hospital. <i>Medicine (United States)</i> , 2017, 96, e6645.	1.0	9
94	The effect of information about the benefits and harms of mammography on women's decision-making: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 426.	1.6	9
95	Survival and Disease-Free Survival by Breast Density and Phenotype in Interval Breast Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 908-916.	2.5	9
96	Health services research in patients with breast cancer (CAMISS-prospective): study protocol for an observational prospective study. <i>BMC Cancer</i> , 2018, 18, 54.	2.6	9
97	Mammographic features of benign breast lesions and risk of subsequent breast cancer in women attending breast cancer screening. <i>European Radiology</i> , 2022, 32, 621-629.	4.5	9
98	Determination of biological variation of $\beta$ -fetoprotein and choriogonadotropin ( $\beta$ chain) in disease-free patients with testicular cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1799-1801.	2.3	8
99	Descriptive analysis of childbirth healthcare costs in an area with high levels of immigration in Spain. <i>BMC Health Services Research</i> , 2011, 11, 77.	2.2	7
100	The Psychological Impact of a False-Positive Screening Mammogram in Barcelona. <i>Journal of Cancer Education</i> , 2012, 27, 780-785.	1.3	7
101	Can the Gail model increase the predictive value of a positive mammogram in a European population screening setting? Results from a Spanish cohort. <i>Breast</i> , 2013, 22, 83-88.	2.2	7
102	Use of real-world data to study health services utilisation and comorbidities in long-term breast cancer survivors (the SURBCAN study): study protocol for a longitudinal population-based cohort study. <i>BMJ Open</i> , 2020, 10, e040253.	1.9	7
103	Developing and validating an individualized breast cancer risk prediction model for women attending breast cancer screening. <i>PLoS ONE</i> , 2021, 16, e0248930.	2.5	7
104	Influence of Social Determinants, Lifestyle, Emotional Well-Being and the Use of Unconventional Therapies in Breast Cancer Progression in a Cohort of Women in Barcelona: Protocol for the DAMA Cohort. <i>JMIR Research Protocols</i> , 2017, 6, e249.	1.0	7
105	Serum concentrations of hexachlorobenzene in family members of workers in an electrochemical factory. <i>Scandinavian Journal of Work, Environment and Health</i> , 2000, 26, 67-70.	3.4	7
106	Long-Term Risk of Breast Cancer after Diagnosis of Benign Breast Disease by Screening Mammography. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2625.	2.6	7
107	Cumulative risk of cancer detection in breast cancer screening by protocol strategy. <i>Breast Cancer Research and Treatment</i> , 2013, 138, 869-877.	2.5	6
108	Determination of the biological variation of S100 $\beta$ and lactate dehydrogenase in disease-free patients with malignant melanoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 927-9.	2.3	5

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109	Effect of participation on the cumulative risk of false-positive recall in a breast cancer screening programme. <i>Public Health</i> , 2009, 123, 635-637.	2.9	4
110	Results of a cervical cancer screening programme from an area of Barcelona (Spain) with a large immigrant population. <i>European Journal of Public Health</i> , 2009, 19, 499-503.	0.3	4
111	Clinical and radiological features of breast tumors according to history of false-positive results in mammography screening. <i>Cancer Epidemiology</i> , 2013, 37, 660-665.	1.9	4
112	Variabilidad en la práctica de la cirugía mamaria en mujeres participantes en el programa de cribado poblacional de cáncer de mama. <i>Cirugía Española</i> , 2019, 97, 89-96.	0.2	4
113	Investigación en cribado de cáncer de mama: camino hacia estrategias personalizadas y decisiones compartidas. <i>Revista De Senología Y Patología Mamaria</i> , 2014, 27, 176-182.	0.1	3
114	Impact of adjuvant chemotherapy on the survival of patients with breast cancer diagnosed by screening. <i>Cancer Medicine</i> , 2019, 8, 6662-6670.	2.8	3
115	Factors associated with readmissions in women participating in screening programs and treated for breast cancer: a retrospective cohort study. <i>BMC Health Services Research</i> , 2019, 19, 940.	2.2	3
116	External validation of the PREDICT tool in Spanish women with breast cancer participating in population-based screening programmes. <i>Journal of Evaluation in Clinical Practice</i> , 2019, 25, 873-880.	1.8	3
117	Effect of an information leaflet on breast cancer screening participation: A cluster randomized controlled trial. <i>BMC Public Health</i> , 2021, 21, 1301.	2.9	3
118	Adherence of long-term breast cancer survivors to follow-up care guidelines: a study based on real-world data from the SURBCAN cohort. <i>Breast Cancer Research and Treatment</i> , 2022, 193, 455-465.	2.5	3
119	Diagnostic Accuracy of CYFRA21-1 in the Differential Diagnosis of Pleural Effusions. <i>Anticancer Research</i> , 2019, 39, 5071-5076.	1.1	2
120	Exploring the Role of Breast Density on Cancer Prognosis among Women Attending Population-Based Screening Programmes. <i>Journal of Oncology</i> , 2019, 2019, 1-8.	1.3	2
121	Impact of Detection Mode in a Large Cohort of Women Taking Part in a Breast Screening Program. <i>The Journal of Breast Health</i> , 2022, 18, 182-189.	1.0	2
122	Cost-effectiveness Analysis of Peripherally Inserted Central Catheters Versus Central Venous Catheters for in-Hospital Parenteral Nutrition. <i>Journal of Patient Safety</i> , 2022, 18, e1109-e1115.	1.7	2
123	Clinical and histologic characteristics of breast cancers in women with previous pathologic diagnosis of benign breast disease in Spain. <i>Breast Journal</i> , 2018, 24, 509-518.	1.0	1
124	Use of health services among long-term breast cancer survivors in Spain: longitudinal study based on real-world data. <i>Journal of Cancer Survivorship</i> , 2022, 16, 132-141.	2.9	1
125	Mediterranean landscapes. , 0, , 297-320.		0
126	Readmissions and complications in breast ductal carcinoma in situ: A retrospective study comparing screen- and non-screen-detected patients. <i>Women's Health</i> , 2020, 16, 174550652096589.	1.5	0



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127	Influence of surgical technique on complications, readmissions and clinical progress of breast cancer in women participating in screening programs. Revista De Senologia Y Patologia Mamaria, 2022, 35, 33-41.	0.1	0
128	Dissemination of health technologies: Trends in the use of diagnostic test in breast cancer screening. Journal of Healthcare Quality Research, 2019, 34, 177-184.	0.6	0