

# Cristina Costa Santos

## List of Publications by Year in descending order

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106  
papers

2,069  
citations

218381

26  
h-index

288905

40  
g-index

109  
all docs

109  
docs citations

109  
times ranked

2509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcome and quality of life in patients with postoperative delirium during an ICU stay following major surgery. <i>Critical Care</i> , 2013, 17, R257.	2.5	168
2	A multicenter validation of an endoscopic classification with narrow band imaging for gastric precancerous and cancerous lesions. <i>Endoscopy</i> , 2012, 44, 236-246.	1.0	151
3	The limits of agreement and the intraclass correlation coefficient may be inconsistent in the interpretation of agreement. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 264-269.	2.4	83
4	Nonlinear Methods Most Applied to Heart-Rate Time Series: A Review. <i>Entropy</i> , 2020, 22, 309.	1.1	78
5	Prediction of neonatal state by computer analysis of fetal heart rate tracings: the antepartum arm of the SisPorto <sup>®</sup> multicentre validation study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2005, 118, 52-60.	0.5	64
6	Agreement and accuracy using the FIGO, ACOG and NICE cardiotocography interpretation guidelines. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 166-175.	1.3	60
7	Hypothermia in a surgical intensive care unit. <i>BMC Anesthesiology</i> , 2005, 5, 7.	0.7	57
8	Prediction of neonatal acidemia by computer analysis of fetal heart rate and ST event signals. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 201, 464.e1-464.e6.	0.7	56
9	How to promote adverse drug reaction reports using information systems – a systematic review and meta-analysis. <i>BMC Medical Informatics and Decision Making</i> , 2016, 16, 27.	1.5	53
10	Central Fetal Monitoring With and Without Computer Analysis. <i>Obstetrics and Gynecology</i> , 2017, 129, 83-90.	1.2	49
11	The Entropy Universe. <i>Entropy</i> , 2021, 23, 222.	1.1	46
12	An investigation of the environmental determinants of asthma hospitalizations: An applied spatial approach. <i>Applied Geography</i> , 2014, 47, 10-19.	1.7	45
13	Knowledge of adverse neonatal outcome alters clinicians' interpretation of the intrapartum cardiotocograph. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011, 118, 978-984.	1.1	42
14	Comparison of real beat-to-beat signals with commercially available 4ÂHz sampling on the evaluation of foetal heart rate variability. <i>Medical and Biological Engineering and Computing</i> , 2013, 51, 665-676.	1.6	42
15	The modified Misgav-Ladach versus the Pfannenstiel-Kerr technique for cesarean section: a randomized trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 878-882.	1.3	38
16	Agreement studies in obstetrics and gynaecology: inappropriateness, controversies and consequences. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 667-669.	1.1	37
17	Serum leptin levels in overweight children and adolescents. <i>British Journal of Nutrition</i> , 2009, 101, 1262-1266.	1.2	34
18	Interobserver agreement in CTG interpretation using the 2015 FIGO guidelines for intrapartum fetal monitoring. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 205, 27-31.	0.5	33

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19	A randomised clinical trial of intrapartum fetal monitoring with computer analysis and alerts versus previously available monitoring. <i>BMC Pregnancy and Childbirth</i> , 2010, 10, 71.	0.9	32
20	Promoting Spontaneous Adverse Drug Reaction Reporting in Hospitals Using a Hyperlink to the Online Reporting Form. <i>Drug Safety</i> , 2012, 35, 387-394.	1.4	32
21	Obstetric care in a migrant population with free access to health care. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 126, 244-247.	1.0	32
22	Skin adhesive versus subcuticular suture for perineal skin repair after episiotomy – a randomized controlled trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009, 88, 660-666.	1.3	31
23	Assessment of Disagreement: A New Information-Based Approach. <i>Annals of Epidemiology</i> , 2010, 20, 555-561.	0.9	29
24	Quality of Recovery after Anesthesia: Validation of the Portuguese Version of the “Quality of Recovery 15” Questionnaire. <i>Acta Medica Portuguesa</i> , 2015, 28, 567-574.	0.2	29
25	Comparison of a computer system evaluation of intrapartum cardiotocographic events and a consensus of clinicians. <i>Journal of Perinatal Medicine</i> , 2010, 38, 191-5.	0.6	28
26	Occupational factors and risk of adult bone sarcomas: A multicentric case-control study in Europe. <i>International Journal of Cancer</i> , 2006, 118, 721-727.	2.3	26
27	Lowered national cesarean section rates after a concerted action. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 391-398.	1.3	26
28	The Teaching of Ethics and the Moral Competence of Medical and Nursing Students. <i>Health Care Analysis</i> , 2021, 29, 113-126.	1.4	25
29	Entropy and compression: two measures of complexity. <i>Journal of Evaluation in Clinical Practice</i> , 2013, 19, 1101-1106.	0.9	23
30	Inflammatory and Cardiometabolic Risk on Obesity: Role of Environmental Xenoestrogens. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1792-1801.	1.8	22
31	Nurses’ attitudes and spontaneous adverse drug reaction reporting: a case-control study in Portugal. <i>Journal of Nursing Management</i> , 2016, 24, 409-416.	1.4	21
32	Quality of life after stay in surgical intensive care unit. <i>BMC Anesthesiology</i> , 2007, 7, 8.	0.7	20
33	Access to computerised analysis of intrapartum cardiotocographs improves clinicians’ prediction of newborn umbilical artery blood pH. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010, 117, 1288-1293.	1.1	20
34	The impact of migration on women’s mental health in the postpartum period. <i>Revista De Saude Publica</i> , 2016, 50, .	0.7	20
35	Longitudinal evaluation of computerized cardiotocographic parameters throughout pregnancy in normal fetuses: a prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 1143-1152.	1.3	20
36	The effect of a test ordering software intervention on the prescription of unnecessary laboratory tests - a randomized controlled trial. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 20.	1.5	20

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37	Computerized analysis of cardiocograms and ST signals is associated with significant reductions in hypoxic-ischemic encephalopathy and cesarean delivery: an observational study in 38,466 deliveries. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 269.e1-269.e8.	0.7	18
38	Bioethics education and the development of nursing students' moral competence. <i>Nurse Education Today</i> , 2020, 95, 104601.	1.4	18
39	Health-related quality of life in children and adolescents with cochlear implants: self and proxy reports. <i>Acta Oto-Laryngologica</i> , 2014, 134, 881-889.	0.3	17
40	Promoting adverse drug reaction reporting: comparison of different approaches. <i>Revista De Saude Publica</i> , 2016, 50, 14.	0.7	17
41	Development of a birthweight standard and comparison with currently used standards. What is a 10th centile?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 206, 184-193.	0.5	16
42	Reliability and accuracy of blue light imaging for staging of intestinal metaplasia in the stomach. <i>Scandinavian Journal of Gastroenterology</i> , 2019, 54, 1301-1305.	0.6	16
43	Development and evaluation of an algorithm for computer analysis of maternal heart rate during labor. <i>Computers in Biology and Medicine</i> , 2014, 49, 30-35.	3.9	15
44	COVID-19 surveillance data quality issues: a national consecutive case series. <i>BMJ Open</i> , 2021, 11, e047623.	0.8	15
45	Information-based measure of disagreement for more than two observers: a useful tool to compare the degree of observer disagreement. <i>BMC Medical Research Methodology</i> , 2013, 13, 47.	1.4	14
46	Improvements in fetal heart rate analysis by the removal of maternal-fetal heart rate ambiguities. <i>BMC Pregnancy and Childbirth</i> , 2015, 15, 301.	0.9	14
47	Phthalates and type 1 diabetes: is there any link?. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17915-17919.	2.7	14
48	Quality of life before surgical ICU admission. <i>BMC Surgery</i> , 2007, 7, 23.	0.6	13
49	Delirium assessment in postoperative patients: Validation of the Portuguese version of the Nursing Delirium Screening Scale in critical care. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2013, 63, 450-455.	0.2	12
50	Education for values and bioethics. <i>SpringerPlus</i> , 2015, 4, 45.	1.2	12
51	On the prediction of foetal acidemia: A spectral analysis-based approach. <i>Computers in Biology and Medicine</i> , 2019, 109, 235-241.	3.9	12
52	Web-based system for training and dissemination of a magnification chromoendoscopy classification. <i>World Journal of Gastroenterology</i> , 2008, 14, 7086.	1.4	12
53	Reliability of Paris Classification for superficial neoplastic gastric lesions improves with training and narrow band imaging. <i>Endoscopy International Open</i> , 2019, 07, E633-E640.	0.9	11
54	Mechanical Risks of Ventilator Sharing in the COVID-19 Era: A Simulation-Based Study. <i>Archivos De Bronconeumologia</i> , 2020, 56, 752-753.	0.4	9

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55	The modified Misgav-Ladach versus the Pfannenstiel-Kerr technique for cesarean section: a randomized trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 878-882.	1.3	9
56	Can Antioxidative Status Be Involved in Type 1 Diabetes?. <i>Journal of Clinical Medicine Research</i> , 2017, 9, 998-1001.	0.6	9
57	Differences between external and internal fetal heart rate monitoring during the second stage of labor: a prospective observational study. <i>Journal of Perinatal Medicine</i> , 2014, 42, 493-498.	0.6	8
58	Diagnostic and laboratory test ordering in Northern Portuguese Primary Health Care: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e018509.	0.8	8
59	POPs <sup>TM</sup> effect on cardiometabolic and inflammatory profile in a sample of women with obesity and hypertension. <i>Archives of Environmental and Occupational Health</i> , 2019, 74, 310-321.	0.7	8
60	Non-linear Methods Predominant in Fetal Heart Rate Analysis: A Systematic Review. <i>Frontiers in Medicine</i> , 2021, 8, 661226.	1.2	8
61	The Mediating Role of Resilience and Life Satisfaction in the Relationship between Stress and Burnout in Medical Students during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2822.	1.2	8
62	Náusea e Vômito no Pós-Operatório: Validação da Versão em Português da Escala de Intensidade de Náuseas e Vômitos Pós-Operatórios. <i>Revista Brasileira De Anestesiologia</i> , 2013, 63, 340-346.	0.6	7
63	Portuguese Family Physicians <sup>TM</sup> Awareness of Diagnostic and Laboratory Test Costs: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0137025.	1.1	7
64	School failure in students who are normal-hearing or deaf: with or without cochlear implants. <i>SpringerPlus</i> , 2016, 5, 237.	1.2	7
65	Computer analysis of maternal fetal heart rate recordings during labor in relation with maternal fetal attachment and prediction of newborn acidemia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1440-1444.	0.7	7
66	Entropy and Compression Capture Different Complexity Features: The Case of Fetal Heart Rate. <i>Entropy</i> , 2017, 19, 688.	1.1	7
67	Comparison and Impact of Four Different Methodologies for Identification of Ambulatory Care Sensitive Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8121.	1.2	7
68	E-learning at Porto Faculty of Medicine. A case study for the subject 'Introduction to Medicine'. <i>Studies in Health Technology and Informatics</i> , 2007, 129, 1366-71.	0.2	7
69	Male gender is an important clinical risk factor for iron deficiency in healthy infants. <i>E-SPEN Journal</i> , 2012, 7, e219-e222.	0.5	6
70	An interactive web site for research on fetal heart rate monitoring. <i>Obstetrics and Gynecology</i> , 2000, 95, 309-311.	1.2	5
71	Preventive health services implemented by family physicians in Portugal—a cross-sectional study based on two clinical scenarios. <i>BMJ Open</i> , 2014, 4, e005162.	0.8	5
72	Ethics, equity, and human dignity in access to health services: the case of cochlear implants in children and adolescents. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 1011-1019.	0.8	5

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73	Complexity of Cardiocographic Signals as A Predictor of Labor. <i>Entropy</i> , 2020, 22, 104.	1.1	5
74	Complexity and categorical analysis may improve the interpretation of agreement studies using continuous variables. <i>Journal of Evaluation in Clinical Practice</i> , 2011, 17, 511-514.	0.9	4
75	Can We Avoid Unnecessary Polysomnographies in the Diagnosis of Obstructive Sleep Apnea? A Bayesian Network Decision Support Tool. , 2014, , .		4
76	Exploring patient journeys through acne healthcare: a patient perspective. <i>Journal of Dermatological Treatment</i> , 2022, 33, 2209-2216.	1.1	4
77	The Hidden Factor“Low Quality of Data is a Major Peril in the Identification of Risk Factors for COVID-19 Deaths: A Comment on Nogueira, P.J., et al. “The Role of Health Preconditions on COVID-19 Deaths in Portugal: Evidence from Surveillance Data of the First 20293 Infection Cases” <i>J. Clin. Med.</i> 2020. 9, 2368. <i>Journal of Clinical Medicine.</i> 2020. 9, 3442.	1.0	3
78	Adverse drug reactions in adolescents: a review of reporting to a national pharmacovigilance system. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 915-922.	1.0	3
79	Medical Education: Patients’s™ Perspectives on Clinical Training and Informed Consent. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7611.	1.2	3
80	A Multicenter Web-Based Study To Assess the Learning Curve of a Classification of Magnification Chromoendoscopy in Gastric Mucosa. <i>Gastrointestinal Endoscopy</i> , 2005, 61, AB112.	0.5	2
81	Observer reliability and agreement: differences, difficulties, and controversies. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 702.	2.4	2
82	Comparison of experts and computer analysis in fetal heart rate interpretation: we need to agree on what agreement is. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, e11-e12.	0.7	2
83	Postoperative Nausea and Vomiting: Validation of the Portuguese Version of the Postoperative Nausea and Vomiting Intensity Score. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2013, 63, 340-346.	0.2	2
84	Do students from public schools fare better in medical school than their colleagues from private schools? If so, what can we learn from this?. <i>BMC Medical Education</i> , 2018, 18, 51.	1.0	2
85	Health expectancies in the European Union: same concept, different methods, different results. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 764-771.	2.0	2
86	QUALITY OF LIFE AND INDEPENDENCE IN ACTIVITIES OF DAILY LIVING AFTER DISCHARGE FROM A SURGICAL ICU.. <i>Critical Care Medicine</i> , 2005, 33, A88.	0.4	2
87	Bioethics Education on Medical Students: Opinions About Ethical Dilemmas. <i>SAGE Open</i> , 2021, 11, 215824402110571.	0.8	2
88	Do surrogates predict patient preferences more accurately after a physician-led discussion about advance directives? A randomized controlled trial. <i>BMC Palliative Care</i> , 2022, 21, .	0.8	2
89	Differences and consequences in interobserver variation in intrapartum fetal heart rate assessment. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, e8.	0.7	1
90	Agreement on cardiocogram interpretation and clinical decision using the STAN guidelines. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 1540-1541.	1.1	1

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91	Effect of clinical information and previous exam execution on observer agreement and reliability in the analysis of hysteroscopic video-recordings. Archives of Gynecology and Obstetrics, 2018, 297, 393-400.	0.8	1
92	Towards FHR Biometric Identification: A Comparison between Compression and Entropy Based Approaches. , 2018, , .		1
93	Mechanical Risks of Ventilator Sharing in the COVID-19 Era: A Simulation-Based Study. Archivos De Bronconeumologia, 2020, 56, 752-753.	0.4	1
94	More than Ownership: The Importance of Relationships with Companion Dogs for the Psychological Adjustment of Fibromyalgia Patients. Pain Medicine, 2021, , .	0.9	1
95	Presumed post-mortem donors: the degree of information among university students. BMC Medical Ethics, 2021, 22, 139.	1.0	1
96	The association between acne care provision and quality of life: A cross-sectional survey. Health Science Reports, 2022, 5, e487.	0.6	1
97	Interobserver agreement according to STAN guidelines. Acta Obstetrica Et Gynecologica Scandinavica, 2008, 87, 1260-1260.	1.3	0
98	Assessment and reporting of the reproducibility of fetal heart rate monitoring. American Journal of Obstetrics and Gynecology, 2008, 198, 343.	0.7	0
99	Skin Adhesive Versus Subcuticular Suture for Perineal Skin Repair After Episiotomy: A Randomized Controlled Trial. Obstetrical and Gynecological Survey, 2009, 64, 582-583.	0.2	0
100	Knowledge of Adverse Neonatal Outcome Alters Clinicians' Interpretation of the Intrapartum Cardiotocograph. Obstetrical and Gynecological Survey, 2011, 66, 673-675.	0.2	0
101	Impact of the introduction of fetal central monitoring on hospital expenses with cardiotocographic paper. Journal of Obstetrics and Gynaecology, 2014, 34, 82-84.	0.4	0
102	HIV/AIDS Indicators for Clinical Care Quality Assessment: Relevance and Utility Assessed by Health Professionals. Acta Medica Portuguesa, 2016, 29, 389.	0.2	0
103	A letter to the editor regarding the article "Impaired validity of the new FIGO and Swedish CTG classification templates to identify fetal acidosis in the first stage of labor". Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-2.	0.7	0
104	Reallocations in acne healthcare: exploring the possible roles and added value of non-physicians by a mixed-methods study design. BMC Health Services Research, 2021, 21, 746.	0.9	0
105	The Role of Patent Foramen Ovale Closure in the Secondary Prevention of Cryptogenic Stroke: a Meta-Analysis Report. International Journal of Cardiovascular Sciences, 0, , .	0.0	0
106	An Eight Years Prospective Study of Iron Deficiency Anaemia in Infancy. , 2005, , 170-171.		0