

Giuseppe Ricci

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2812339/publications.pdf>

Version: 2024-02-01

137
papers

2,797
citations

218592

26
h-index

223716

46
g-index

137
all docs

137
docs citations

137
times ranked

2725
citing authors

#	ARTICLE	IF	CITATIONS
1	Coagulation and fibrinolysis changes in normal pregnancy. Increased levels of procoagulants and reduced levels of inhibitors during pregnancy induce a hypercoagulable state, combined with a reactive fibrinolysis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1997, 73, 31-36.	0.5	225
2	Adaptive Radar Detection of Distributed Targets in Homogeneous and Partially Homogeneous Noise Plus Subspace Interference. <i>IEEE Transactions on Signal Processing</i> , 2007, 55, 1223-1237.	3.2	154
3	Incidence and Estimated Prevalence of Endometriosis and Adenomyosis in Northeast Italy: A Data Linkage Study. <i>PLoS ONE</i> , 2016, 11, e0154227.	1.1	110
4	Semen preparation methods and sperm apoptosis: swim-up versus gradient-density centrifugation technique. <i>Fertility and Sterility</i> , 2009, 91, 632-638.	0.5	105
5	An ABORT-Like Detector With Improved Mismatched Signals Rejection Capabilities. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 14-25.	3.2	94
6	Advanced Radar Detection Schemes Under Mismatched Signal Models. <i>Synthesis Lectures on Signal Processing</i> , 2009, 4, 1-105.	0.3	91
7	Detection Algorithms to Discriminate Between Radar Targets and ECM Signals. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 5984-5993.	3.2	81
8	Angle of Arrival-Based Cooperative Positioning for Smart Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 2880-2892.	4.7	79
9	Adaptive CFAR Radar Detection With Conic Rejection. <i>IEEE Transactions on Signal Processing</i> , 2007, 55, 2533-2541.	3.2	75
10	Subclinical alteration of the cervicalâ€“vaginal microbiome in women with idiopathic infertility. <i>Journal of Cellular Physiology</i> , 2017, 232, 1681-1688.	2.0	70
11	Medical Treatments for Endometriosis-Associated Pelvic Pain. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	69
12	A Rao Test With Enhanced Selectivity Properties in Homogeneous Scenarios. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 5385-5390.	3.2	64
13	A Localization Algorithm Based on V2I Communications and AOA Estimation. <i>IEEE Signal Processing Letters</i> , 2017, 24, 126-130.	2.1	60
14	Imaging and therapy of ovarian cancer: clinical application of nanoparticles and future perspectives. <i>Theranostics</i> , 2018, 8, 4279-4294.	4.6	46
15	A Subspace-Based Adaptive Sidelobe Blanker. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 4141-4151.	3.2	43
16	Factor V Leiden and prothrombin gene G20210A mutation and in vitro fertilization: prospective cohort study. <i>Human Reproduction</i> , 2011, 26, 3068-3077.	0.4	43
17	Efficacy of maintenance therapy with topical boric acid in comparison with oral itraconazole in the treatment of recurrent vulvovaginal candidiasis. <i>American Journal of Obstetrics and Gynecology</i> , 2001, 184, 598-602.	0.7	40
18	Generalized Likelihood Ratio Test for Detection of Gaussian Rank-One Signals in Gaussian Noise With Unknown Statistics. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 1082-1092.	3.2	40

#	ARTICLE	IF	CITATIONS
19	Positioning Based on Signals of Opportunity. IEEE Communications Letters, 2014, 18, 356-359.	2.5	39
20	Investigating the mechanical properties of zona pellucida of whole human oocytes by atomic force spectroscopy. Integrative Biology (United Kingdom), 2016, 8, 886-893.	0.6	36
21	Learning Strategies for Radar Clutter Classification. IEEE Transactions on Signal Processing, 2021, 69, 1070-1082.	3.2	34
22	Comparative analysis of the seminal plasma proteomes of oligoasthenozoospermic and normozoospermic men. Reproductive BioMedicine Online, 2015, 30, 522-531.	1.1	33
23	CFAR Feature Plane: A Novel Framework for the Analysis and Design of Radar Detectors. IEEE Transactions on Signal Processing, 2020, 68, 3903-3916.	3.2	29
24	An Improved Adaptive Sidelobe Blanker. IEEE Transactions on Signal Processing, 2008, 56, 4152-4161.	3.2	28
25	Leukocytospermia and sperm preparation - a flow cytometric study. Reproductive Biology and Endocrinology, 2009, 7, 128.	1.4	28
26	Adaptive Detection of Coherent Radar Targets in the Presence of Noise Jamming. IEEE Transactions on Signal Processing, 2019, 67, 6498-6510.	3.2	28
27	A simple method for fallopian tube sperm perfusion using a blocking device in the treatment of unexplained infertility. Fertility and Sterility, 2001, 76, 1242-1248.	0.5	27
28	ABORT-Like Detection Strategies to Combat Possible Deceptive ECM Signals in a Network of Radars. IEEE Transactions on Signal Processing, 2015, 63, 2904-2914.	3.2	26
29	The effects of uterine fundal pressure (Kristeller maneuver) on pelvic floor function after vaginal delivery. Archives of Gynecology and Obstetrics, 2012, 286, 1135-1139.	0.8	25
30	Ectopic Cervical Pregnancy: Treatment Route. Medicina (Lithuania), 2020, 56, 293.	0.8	25
31	Effect of seminal leukocytes on in vitro fertilization and intracytoplasmic sperm injection outcomes. Fertility and Sterility, 2015, 104, 87-93.	0.5	24
32	A Pseudo Maximum likelihood approach to position estimation in dynamic multipath environments. Signal Processing, 2021, 181, 107907.	2.1	24
33	Immediate postpartum perineal examination as a predictor of puerperal pelvic floor dysfunction. Obstetrics and Gynecology, 2002, 99, 581-584.	1.2	23
34	Pathological Significance and Prognostic Value of Surfactant Protein D in Cancer. Frontiers in Immunology, 2018, 9, 1748.	2.2	23
35	Lactobacillus iners and gasseri, Prevotella bivia and HPV Belong to the Microbiological Signature Negatively Affecting Human Reproduction. Microorganisms, 2021, 9, 39.	1.6	22
36	Association between the JC Polyomavirus Infection and Male Infertility. PLoS ONE, 2012, 7, e42880.	1.1	21

#	ARTICLE	IF	CITATIONS
37	Balloon catheter vs. cervical vacuum cup for hysterosalpingography: a prospective, randomized, single-blinded study. <i>Fertility and Sterility</i> , 2007, 87, 1458-1467.	0.5	20
38	Pitfalls and promises in FTIR spectromicroscopy analyses to monitor iron-mediated DNA damage in sperm. <i>Reproductive Toxicology</i> , 2016, 61, 39-46.	1.3	20
39	A k-nearest neighbors approach to the design of radar detectors. <i>Signal Processing</i> , 2020, 174, 107609.	2.1	20
40	Renin Angiotensin System, COVID-19 and Male Fertility: Any Risk for Conceiving?. <i>Microorganisms</i> , 2020, 8, 1492.	1.6	20
41	Human papillomavirus infection is associated with decreased levels of GM-CSF in cervico-vaginal fluid of infected women. <i>Journal of Clinical Virology</i> , 2013, 58, 479-481.	1.6	19
42	Conservative Treatment of Interstitial Ectopic Pregnancy with the Combination of Mifepristone and Methotrexate: Our Experience and Review of the Literature. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	19
43	A proteomic approach for the identification of biomarkers in endometrial cancer uterine aspirate. <i>Oncotarget</i> , 2017, 8, 109536-109545.	0.8	19
44	Management of Non-Tubal Ectopic Pregnancies: A Single Center Experience. <i>Diagnostics</i> , 2020, 10, 652.	1.3	18
45	<p>Nanotechnology-Based Cisplatin Intracellular Delivery to Enhance Chemo-Sensitivity of Ovarian Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4793-4810.	3.3	18
46	Adaptive Radar Detection of Dim Moving Targets in Presence of Range Migration. <i>IEEE Signal Processing Letters</i> , 2019, 26, 1461-1465.	2.1	17
47	Light element distribution in fresh and frozen“thawed human ovarian tissues: a preliminary study. <i>Reproductive BioMedicine Online</i> , 2018, 37, 153-162.	1.1	16
48	Novel Parameter Estimation and Radar Detection Approaches for Multiple Point-Like Targets: Designs and Comparisons. <i>IEEE Signal Processing Letters</i> , 2020, 27, 1789-1793.	2.1	16
49	A KNN-Based Radar Detector for Coherent Targets in Non-Gaussian Noise. <i>IEEE Signal Processing Letters</i> , 2021, 28, 778-782.	2.1	16
50	Cesarean Scar Pregnancy Treated by Artery Embolization Combined with Diode Laser: A Novel Approach for a Rare Disease. <i>Medicina (Lithuania)</i> , 2021, 57, 411.	0.8	16
51	Interstitial Ectopic Pregnancy: The Role of Mifepristone in the Medical Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9781.	1.2	16
52	Heparin's 'potential to improve pregnancy rates and outcomes' is not evidence-based. <i>Human Reproduction Update</i> , 2010, 16, 225-227.	5.2	15
53	Postcoital Vaginal Perforation and Evisceration in Women with No Prior Pelvic Surgery: Laparoscopic Management and Systematic Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9746.	1.2	15
54	IgG and IgA Antibodies Post SARS-CoV-2 Vaccine in the Breast Milk and Sera of Breastfeeding Women. <i>Vaccines</i> , 2022, 10, 125.	2.1	15

#	ARTICLE	IF	CITATIONS
55	A Tunable W-ABORT-Like Detector with Improved Detection vs Rejection Capabilities Trade-Off. IEEE Signal Processing Letters, 2015, 22, 713-717.	2.1	14
56	Total Hysteroscopic Treatment of Cervical Pregnancy: The 2-step Technique. Journal of Minimally Invasive Gynecology, 2019, 26, 1011-1012.	0.3	14
57	Human β -defensin 1 in follicular fluid and semen: impact on fertility. Journal of Assisted Reproduction and Genetics, 2019, 36, 787-797.	1.2	14
58	Effects of epidural analgesia during labor on pelvic floor function after vaginal delivery. Acta Obstetrica Et Gynecologica Scandinavica, 2003, 82, 143-146.	1.3	13
59	Two-dimensional gel electrophoresis analysis of the leiomyoma interstitial fluid reveals altered protein expression with a possible involvement in pathogenesis. Oncology Reports, 2015, 33, 2219-2226.	1.2	13
60	A Proteomic Approach for the Identification of Up-Regulated Proteins Involved in the Metabolic Process of the Leiomyoma. International Journal of Molecular Sciences, 2016, 17, 540.	1.8	13
61	Cervicovaginal secretion cytokine profile: A noninvasive approach to study the endometrial receptivity in IVF cycles. American Journal of Reproductive Immunology, 2019, 81, e13064.	1.2	13
62	Two Dimensional-Difference in Gel Electrophoresis (2D-DIGE) Proteomic Approach for the Identification of Biomarkers in Endometrial Cancer Serum. Cancers, 2021, 13, 3639.	1.7	13
63	Pregnancy in Hyperprolactinemic Infertile Women Treated with Vaginal Bromocriptine: Report of Two Cases and Review of the Literature. Gynecologic and Obstetric Investigation, 2001, 51, 266-270.	0.7	12
64	Ascites in puerperium: a rare case of atypical pseudo-Meigs TM syndrome complicating the puerperium. Archives of Gynecology and Obstetrics, 2009, 280, 1033-1037.	0.8	12
65	Ultrastructural Morphology of Sperm from Human Globozoospermia. BioMed Research International, 2015, 2015, 1-8.	0.9	12
66	The application of scanning near field optical imaging to the study of human sperm morphology. Journal of Nanobiotechnology, 2015, 13, 2.	4.2	12
67	CRLB for I/Q Imbalance Estimation in FMCW Radar Receivers. IEEE Signal Processing Letters, 2016, 23, 1707-1711.	2.1	12
68	Abnormal expression of leiomyoma cytoskeletal proteins involved in cell migration. Oncology Reports, 2016, 35, 3094-3100.	1.2	11
69	Oncogenic Virome Benefits from the Different Vaginal Microbiome-Immune Axes. Microorganisms, 2019, 7, 414.	1.6	11
70	Spectrum sensing by higher-order SVM-based detection. , 2019, , .		11
71	FTIR Spectroscopy to Reveal Lipid and Protein Changes Induced on Sperm by Capacitation: Bases for an Improvement of Sample Selection in ART. International Journal of Molecular Sciences, 2020, 21, 8659.	1.8	11
72	Risk of Essure microinsert abdominal migration: case report and review of literature. Therapeutics and Clinical Risk Management, 2014, 10, 963.	0.9	10

#	ARTICLE	IF	CITATIONS
73	Design of Robust Radar Detectors Through Random Perturbation of the Target Signature. IEEE Transactions on Signal Processing, 2019, 67, 5118-5129.	3.2	10
74	A GLRT-like CFAR detector for heterogeneous environments. Signal Processing, 2022, 194, 108401.	2.1	10
75	Effect of Short Time of SARS-CoV-2 Infection in Caco-2 Cells. Viruses, 2022, 14, 704.	1.5	10
76	Hysteroscopic chasing for endometrial cancer in a low-risk population: risks of overinvestigation. Archives of Gynecology and Obstetrics, 2016, 293, 851-856.	0.8	9
77	Identification of proteins with different abundance associated with cell migration and proliferation in leiomyoma interstitial fluid by proteomics. Oncology Letters, 2017, 13, 3912-3920.	0.8	9
78	The Extracellular Matrix Influences Ovarian Carcinoma Cells's™ Sensitivity to Cisplatin: A First Step towards Personalized Medicine. Cancers, 2020, 12, 1175.	1.7	9
79	Differential Capability of Clinically Employed Dermal Regeneration Scaffolds to Support Vascularization for Tissue Bioengineering. Biomedicines, 2021, 9, 1458.	1.4	9
80	Comparative proteomic analysis of spermatozoa isolated by swim-up or density gradient centrifugation. Reproductive Biology and Endocrinology, 2015, 13, 36.	1.4	8
81	Adaptive Radar Detectors for Point-Like Gaussian Targets in Gaussian Noise. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 1284-1294.	2.6	8
82	Preoperative Serum Human Epididymis Protein 4 Levels in Early Stage Endometrial Cancer: A Prospective Study. International Journal of Gynecological Cancer, 2017, 27, 1200-1205.	1.2	8
83	Pre-eclampsia affects procalcitonin production in placental tissue. American Journal of Reproductive Immunology, 2018, 79, e12823.	1.2	8
84	Interstitial Fluid in Gynecologic Tumors and Its Possible Application in the Clinical Practice. International Journal of Molecular Sciences, 2018, 19, 4018.	1.8	8
85	A novel approach to robust radar detection of range-spread targets. Signal Processing, 2020, 166, 107223.	2.1	8
86	Zinc Oxide Exerts Anti-Inflammatory Properties on Human Placental Cells. Nutrients, 2020, 12, 1822.	1.7	8
87	Induced Dryness Stress on Human Vaginal Epithelium: The Efficacy of a New Vaginal Gel. Gels, 2021, 7, 157.	2.1	8
88	How, and how efficiently, can we treat Chlamydia trachomatis infections in women?. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2002, 16, 875-888.	1.4	7
89	Soluble TRAIL is present at high concentrations in seminal plasma and promotes spermatozoa survival. Reproduction, 2014, 148, 191-198.	1.1	7
90	Robust CFAR Radar Detection Using a K-nearest Neighbors Rule. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
91	The Management of the Cotyledonoid Leiomyoma of the Uterus: A Narrative Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8521.	1.2	7
92	Intrauterine versus post-mortem magnetic resonance in second trimester termination of pregnancy for central nervous system abnormalities. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 250, 31-35.	0.5	7
93	Gel-Based Proteomic Identification of Suprabasin as a Potential New Candidate Biomarker in Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2076.	1.8	7
94	Improving Localization by Testing Mobility. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 3412-3423.	3.2	6
95	The Rare, Unexpected Condition of a Twisted Leiomyoma in Mayer-Rokitansky-K�ster-Hauser (MRKH) Syndrome: Etiopathogenesis, Diagnosis and Management. Our Experience and Narrative Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5895.	1.2	6
96	Thrombogenesis in Thrombophilic Pregnancy: Evaluation of Low-Molecular-Weight Heparin Prophylaxis. <i>Acta Haematologica</i> , 2017, 137, 201-206.	0.7	5
97	Laparoscopic and laparotomic guided ureteral stenting during gynecological surgery without use of imaging: Safety and feasibility in a single institutional case series. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 251, 125-128.	0.5	5
98	Vaginal Dysbiosis and Partial Bacterial Vaginosis: The Interpretation of the "Grey Zones" of Clinical Practice. <i>Diagnostics</i> , 2021, 11, 191.	1.3	5
99	Spontaneous Bladder Rupture after Normal Vaginal Delivery: Description of a Rare Complication and Systematic Review of the Literature. <i>Diagnostics</i> , 2021, 11, 1885.	1.3	5
100	Thrombophilic screening in clinical practice should be evidence-based. <i>Human Reproduction</i> , 2008, 23, 2609-2609.	0.4	4
101	Meconium-stained amniotic fluid: a risk factor for postpartum hemorrhage. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1671-1675.	0.9	4
102	Radar detection in K-distributed clutter plus thermal noise based on KNN methods. , 2019, , .		4
103	CD133 Expression in Placenta Chorioangioma Presenting as a Giant Asymptomatic Mass. <i>Medicina (Lithuania)</i> , 2021, 57, 162.	0.8	4
104	A Systematic Review of the Guidelines on Venous Thromboembolism Prophylaxis in Gynecologic Oncology. <i>Cancers</i> , 2022, 14, 2439.	1.7	4
105	Methods for defecting sperm apoptosis. <i>Fertility and Sterility</i> , 2009, 92, e19.	0.5	3
106	A Real-Time Polymerase Chain Reaction-Based Protocol for Low/Medium-Throughput Y-Chromosome Microdeletions Analysis. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 1349-1355.	0.3	3
107	Association between up-regulated expression proteins and circulating steroidal hormones in leiomyoma. <i>Medical Hypotheses</i> , 2015, 85, 515.	0.8	3
108	Online Estimation and Smoothing of a Target Trajectory in Mixed Stationary/moving Conditions. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
109	Iron-related toxicity effects of single-walled carbon nanotubes in human placental cells (<sc>BeWo</sc>) investigated by X-ray fluorescence microscopy. X-Ray Spectrometry, 2019, 48, 413-421.	0.9	3
110	Scanning Probe Microscopies: Imaging and Biomechanics in Reproductive Medicine Research. International Journal of Molecular Sciences, 2021, 22, 3823.	1.8	3
111	Spatial Patterns of Endometriosis Incidence. A Study in Friuli Venezia Giulia (Italy) in the Period 2004-2017. International Journal of Environmental Research and Public Health, 2021, 18, 7175.	1.2	3
112	Ultrasound-Guided Tru-Cut Biopsy in Gynecological and Non-Gynecological Pelvic Masses: A Single-Center Experience. Journal of Clinical Medicine, 2022, 11, 2534.	1.0	3
113	Umbilical Cord Knots: Is the Number Related to Fetal Risk?. Medicina (Lithuania), 2022, 58, 703.	0.8	3
114	Alternative Insertion Site of Nexplanon: Description of a Case Report and Systematic Review of the Literature. Journal of Clinical Medicine, 2022, 11, 3226.	1.0	3
115	Assisted reproduction treatment in severe myasthenia gravis. Fertility and Sterility, 2008, 90, 850.e5-850.e8.	0.5	2
116	Management of the Adnexal Mass. Obstetrics and Gynecology, 2011, 118, 956.	1.2	2
117	Multitarget range-azimuth tracker. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1515-1529.	2.6	2
118	A change-detection approach to mobile node localization in bounded domains. , 2018, , .		2
119	Dysregulated chaperones associated with cell proliferation and negative apoptosis regulation in the uterine leiomyoma. Oncology Letters, 2018, 15, 8005-8010.	0.8	2
120	Menstruation-related disseminated intravascular coagulation in an adenomyosis patient: case report and review of the literature. Gynecological Endocrinology, 2019, 35, 32-35.	0.7	2
121	Comparison between Different Diagnostic Strategies in Low-Risk Reproductive Age and Pre-Menopausal Women Presenting Abnormal Uterine Bleeding. Diagnostics, 2020, 10, 884.	1.3	2
122	Adaptive Radar Detection Without Secondary Data for Uncooperative Spectrum Sharing Scenarios. IEEE Transactions on Signal Processing, 2021, 69, 3206-3219.	3.2	2
123	Innovative Solutions Based on the EM-Algorithm for Covariance Structure Detection and Classification in Polarimetric SAR Images. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 209-227.	2.6	2
124	RCT of real versus placebo acupuncture in IVF. Human Reproduction, 2009, 24, 1769-1770.	0.4	1
125	A random-signal approach to robust radar detection. , 2018, , .		1
126	Radar Clutter Classification Using Expectation-Maximization Method. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
127	Direct Position Estimation of a Mobile Receiver in Multipath Environments via Adaptive Beamforming. , 2021, , .		1
128	Strategies and Perspectives for UV Resonance Raman Applicability in Clinical Analyses of Human Sperm RNA. International Journal of Molecular Sciences, 2021, 22, 13134.	1.8	1
129	Optimal Catheter Placement During Sonohysterography: A Randomized Controlled Trial Comparing Cervical to Uterine Placement. Obstetrics and Gynecology, 2008, 112, 378.	1.2	0
130	Balloon catheter vs. cervical vacuum cup for hysterosalpingography: a prospective, randomized, single-blinded study. Fertility and Sterility, 2009, 91, 299-300.	0.5	0
131	Risk Factors for Developing Endometrial Cancer After Benign Endometrial Sampling. Obstetrics and Gynecology, 2013, 121, 380-381.	1.2	0
132	Radar detection and range estimation of a point-like target in non-Gaussian, possibly correlated, noise. , 2015, , .		0
133	Relevance of Random Biopsy at the Transformation Zone When Colposcopy Is Negative. Obstetrics and Gynecology, 2015, 125, 491.	1.2	0
134	On the statistics of the orbital residuals of the LAGEOS satellites. Modern Physics Letters A, 2015, 30, 1550091.	0.5	0
135	Leukocytospermia and ART. , 0, , 367-370.		0
136	Radar Environment Classifier with Clustering Capabilities. , 2021, , .		0
137	Ultrasound Imaging of Acquired Myometrial Pseudoaneurysm: The Role of Manipulators as an Unusual Cause during Laparoscopic Surgery. Diagnostics, 2022, 12, 164.	1.3	0