

JosÃ© Antonio Lorente

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7129752/publications.pdf>

Version: 2024-02-01

93
papers

2,564
citations

186265

28
h-index

223800

46
g-index

95
all docs

95
docs citations

95
times ranked

4178
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Method to Recover Saliva from Human Skin: The Double Swab Technique. <i>Journal of Forensic Sciences</i> , 1997, 42, 320-322.	1.6	181
2	Serum bone alkaline phosphatase levels enhance the clinical utility of prostate specific antigen in the staging of newly diagnosed prostate cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 625-632.	6.4	139
3	Circulating Tumor Cells Identify Early Recurrence in Patients with Non-Small Cell Lung Cancer Undergoing Radical Resection. <i>PLoS ONE</i> , 2016, 11, e0148659.	2.5	100
4	Free radicals in breast carcinogenesis, breast cancer progression and cancer stem cells. Biological bases to develop oxidative-based therapies. <i>Critical Reviews in Oncology/Hematology</i> , 2011, 80, 347-368.	4.4	97
5	CD133 expression in circulating tumor cells from breast cancer patients: Potential role in resistance to chemotherapy. <i>International Journal of Cancer</i> , 2013, 133, 2398-2407.	5.1	92
6	The 5-HTTLPR s/s genotype at the serotonin transporter gene (SLC6A4) increases the risk for depression in a large cohort of primary care attendees: The PREDICT-gene study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 912-917.	1.7	83
7	Changes in erythrocyte enzymes in humans long-term exposed to pesticides. <i>Toxicology Letters</i> , 2005, 159, 13-21.	0.8	82
8	Biomarkers characterization of circulating tumour cells in breast cancer patients. <i>Breast Cancer Research</i> , 2012, 14, R71.	5.0	82
9	Challenges and opportunities of cfDNA analysis implementation in clinical practice: Perspective of the International Society of Liquid Biopsy (ISLB). <i>Critical Reviews in Oncology/Hematology</i> , 2020, 151, 102978.	4.4	79
10	Maternal, fetal and perinatal alterations associated with obesity, overweight and gestational diabetes: an observational cohort study (PREOBE). <i>BMC Public Health</i> , 2016, 16, 207.	2.9	78
11	EMT and EGFR in CTCs cyokeratin negative non-metastatic breast cancer. <i>Oncotarget</i> , 2014, 5, 7486-7497.	1.8	71
12	Association of ERG and TMPRSS2-ERG with grade, stage, and prognosis of prostate cancer is dependent on their expression levels. <i>Prostate</i> , 2015, 75, 1216-1226.	2.3	60
13	PCR-Based DNA Typing of Saliva Stains Recovered from Human Skin. <i>Journal of Forensic Sciences</i> , 1997, 42, 447-451.	1.6	53
14	Precision Prevention and Cancer Interception: The New Challenges of Liquid Biopsy. <i>Cancer Discovery</i> , 2020, 10, 1635-1644.	9.4	52
15	Results of the 1999-2000 collaborative exercise and proficiency testing program on mitochondrial DNA of the GEP-ISFG: an inter-laboratory study of the observed variability in the heteroplasmy level of hair from the same donor. <i>Forensic Science International</i> , 2002, 125, 1-7.	2.2	45
16	Studies on RNA integrity and gene expression in human myocardial tissue, pericardial fluid and blood, and its postmortem stability. <i>Forensic Science International</i> , 2013, 232, 218-228.	2.2	45
17	Epithelial cancer biomarker EpCAM determination in peripheral blood samples using a microfluidic immunosensor based in silver nanoparticles as platform. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 248-256.	7.8	45
18	Cooperative and Escaping Mechanisms between Circulating Tumor Cells and Blood Constituents. <i>Cells</i> , 2019, 8, 1382.	4.1	45

#	ARTICLE	IF	CITATIONS
19	Activating Transcription Factor 4 Modulates TGFÎ²-Induced Aggressiveness in Triple-Negative Breast Cancer via SMAD2/3/4 and mTORC2 Signaling. <i>Clinical Cancer Research</i> , 2018, 24, 5697-5709.	7.0	42
20	Hydroxytyrosol inhibits cancer stem cells and the metastatic capacity of triple-negative breast cancer cell lines by the simultaneous targeting of epithelial-to-mesenchymal transition, Wnt/Î²-catenin and TGFÎ² signaling pathways. <i>European Journal of Nutrition</i> , 2019, 58, 3207-3219.	3.9	42
21	Mitochondrial DNA error prophylaxis: assessing the causes of errors in the GEPâ€™02â€™03 proficiency testing trial. <i>Forensic Science International</i> , 2005, 148, 191-198.	2.2	40
22	miRNA in situ hybridization in circulating tumor cells - MishCTC. <i>Scientific Reports</i> , 2015, 5, 9207.	3.3	37
23	Next generation sequencing: an application in forensic sciences?. <i>Annals of Human Biology</i> , 2017, 44, 581-592.	1.0	37
24	The 2000â€™2001 GEPâ€™ISFG Collaborative Exercise on mtDNA: assessing the cause of unsuccessful mtDNA PCR amplification of hair shaft samples. <i>Forensic Science International</i> , 2003, 134, 46-53.	2.2	36
25	Dynamics of circulating tumor cells in early breast cancer under neoadjuvant therapy. <i>Experimental and Therapeutic Medicine</i> , 2012, 4, 43-48.	1.8	35
26	Nanostructured platform integrated into a microfluidic immunosensor coupled to laser-induced fluorescence for the epithelial cancer biomarker determination. <i>Microchemical Journal</i> , 2016, 128, 18-25.	4.5	34
27	Antioxidants for the Treatment of Breast Cancer: Are We There Yet?. <i>Antioxidants</i> , 2021, 10, 205.	5.1	33
28	Relevance of molecular characterization of circulating tumor cells in breast cancer in the era of targeted therapies. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 295-307.	3.1	30
29	Post-Surgery Circulating Tumor Cells and AXL Overexpression as New Poor Prognostic Biomarkers in Resected Lung Adenocarcinoma. <i>Cancers</i> , 2019, 11, 1750.	3.7	29
30	Drug Repurposing for Triple-Negative Breast Cancer. <i>Journal of Personalized Medicine</i> , 2020, 10, 200.	2.5	29
31	Impact of Diet on Breast Cancer Risk: A Review of Experimental and Observational Studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 49-75.	10.3	28
32	EGFR detection in extracellular vesicles of breast cancer patients through immunosensor based on silica-chitosan nanoplatfom. <i>Talanta</i> , 2019, 194, 243-252.	5.5	28
33	Analysis of short tandem repeat (STR) HUMVWA in the Spanish population. <i>Forensic Science International</i> , 1994, 65, 169-175.	2.2	27
34	Characterization of human control region sequences for Spanish individuals in a forensic mtDNA data set. <i>Legal Medicine</i> , 2007, 9, 293-304.	1.3	26
35	Indisputable double paternity in dizygous twins. <i>Fertility and Sterility</i> , 1997, 67, 1159-1161.	1.0	25
36	Results of the 2003â€™2004 GEP-ISFG collaborative study on mitochondrial DNA: Focus on the mtDNA profile of a mixed semen-saliva stain. <i>Forensic Science International</i> , 2006, 160, 157-167.	2.2	24

#	ARTICLE	IF	CITATIONS
37	Dandruff as a Potential Source of DNA in Forensic Casework. <i>Journal of Forensic Sciences</i> , 1998, 43, 901-902.	1.6	24
38	Gene-expression profiles, tumor microenvironment, and cancer stem cells in breast cancer: Latest advances towards an integrated approach. <i>Cancer Treatment Reviews</i> , 2010, 36, 477-484.	7.7	23
39	Circulating tumor cells criteria (CyCAR) versus standard RECIST criteria for treatment response assessment in metastatic colorectal cancer patients. <i>Journal of Translational Medicine</i> , 2018, 16, 251.	4.4	21
40	Prognostic role of genetic biomarkers in clinical progression of prostate cancer. <i>Experimental and Molecular Medicine</i> , 2015, 47, e176-e176.	7.7	18
41	The influence of nutritional factors on prostate cancer incidence and aggressiveness. <i>Aging Male</i> , 2018, 21, 31-39.	1.9	18
42	Exchange of cellular components between platelets and tumor cells: impact on tumor cells behavior. <i>Theranostics</i> , 2022, 12, 2150-2161.	10.0	18
43	Fluorescent multiplex analysis of nine STR loci: Spanish population data. <i>Forensic Science International</i> , 1998, 98, 179-183.	2.2	17
44	Does Chemotherapy-Induced Oxidative Stress Improve the Survival Rates of Breast Cancer Patients?. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 903-909.	5.4	17
45	Prognostic factor analysis of circulating tumor cells in peripheral blood of patients with peritoneal carcinomatosis of colon cancer origin treated with cytoreductive surgery plus an intraoperative hyperthermic intraperitoneal chemotherapy procedure (CRS + HIPEC). <i>Surgery</i> , 2016, 159, 728-735.	1.9	17
46	Liquid biopsy beyond of cancer: Circulating pulmonary cells as biomarkers of COPD aggressivity. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 136, 31-36.	4.4	17
47	Social benefits of non-criminal genetic databases: missing persons and human remains identification. <i>International Journal of Legal Medicine</i> , 2002, 116, 187-190.	2.2	16
48	Association of circulating tumour cells with early relapse and 18F-fluorodeoxyglucose positron emission tomography uptake in resected non-small-cell lung cancers. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 55-62.	1.4	16
49	High plasma levels of soluble P-Selectin and Factor VIII predict venous thromboembolism in non-small cell lung cancer patients: The Thrombo-Nscl risk score. <i>Thrombosis Research</i> , 2020, 196, 349-354.	1.7	16
50	CK-coated magnetic-based beads as a tool to isolate circulating tumor cells (CTCs) in human tumors. <i>Translational Lung Cancer Research</i> , 2013, 2, 65-71.	2.8	16
51	Lifestyle and dietary factors in relation to prostate cancer risk. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 805-810.	2.8	15
52	Analysis of the HUMTH01 Allele Frequencies in the Spanish Population. <i>Journal of Forensic Sciences</i> , 1994, 39, 1270-1274.	1.6	15
53	Somatic Mutations in Prostate Cancer: Closer to Personalized Medicine. <i>Molecular Diagnosis and Therapy</i> , 2017, 21, 167-178.	3.8	14
54	Guatemala Mestizo Population Data on 15 STR Loci (Identifiler [®] 1/2Kit). <i>Journal of Forensic Sciences</i> , 2006, 51, 1216-1218.	1.6	13

#	ARTICLE	IF	CITATIONS
55	Association between RNASEL, MSR1, and ELAC2 single nucleotide polymorphisms and gene expression in prostate cancer risk. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2016, 34, 431.e1-431.e8.	1.6	13
56	Bioactive compounds of the Mediterranean diet and prostate cancer. <i>Aging Male</i> , 2018, 21, 251-260.	1.9	13
57	GSTM1 gene expression and copy number variation in prostate cancer patients—Effect of chemical exposures and physical activity. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 290.e9-290.e15.	1.6	12
58	A comprehensive study of circulating tumour cells at the moment of prostate cancer diagnosis: biological and clinical implications of EGFR, AR and SNPs. <i>Oncotarget</i> , 2017, 8, 70472-70480.	1.8	12
59	Association between polymorphisms in sex hormones synthesis and metabolism and prostate cancer aggressiveness. <i>PLoS ONE</i> , 2017, 12, e0185447.	2.5	11
60	The Polemic Diagnostic Role of TP53 Mutations in Liquid Biopsies from Breast, Colon and Lung Cancers. <i>Cancers</i> , 2020, 12, 3343.	3.7	11
61	Identification of MicroRNAs as Viable Aggressiveness Biomarkers for Prostate Cancer. <i>Biomedicines</i> , 2021, 9, 646.	3.2	11
62	Sequential multiplex amplification (SMA) of genetic loci: A method for recovering template DNA for subsequent analyses of additional loci. <i>International Journal of Legal Medicine</i> , 1994, 107, 156-158.	2.2	10
63	Postmortem Stability of Lung Surfactant Phospholipids. <i>Journal of Forensic Sciences</i> , 1992, 37, 1341-1345.	1.6	10
64	Deep Phenotypic Characterisation of CTCs by Combination of Microfluidic Isolation (IsoFlux) and Imaging Flow Cytometry (ImageStream). <i>Cancers</i> , 2021, 13, 6386.	3.7	10
65	Estudio genético en el síndrome de QT largo en nuestro medio. <i>Revista Española De Cardiología</i> , 2011, 64, 71-74.	1.2	9
66	Missing Persons Identification: Genetics at Work for Society. <i>Science</i> , 2000, 290, 2257-2258.	12.6	9
67	Circulating tumour cells in peripheral blood: potential impact on breast cancer outcome. <i>Clinical and Translational Oncology</i> , 2011, 13, 204-208.	2.4	8
68	Genetic markers a landscape in prostate cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2018, 775, 1-10.	5.5	8
69	Dormant Circulating Tumor Cells in Prostate Cancer: Therapeutic, Clinical and Biological Implications. <i>Current Drug Targets</i> , 2016, 17, 693-701.	2.1	8
70	Baja penetrancia clónica en sujetos portadores de mutación patológica para las canalopatías cardíacas. <i>Revista Española De Cardiología</i> , 2013, 66, 275-281.	1.2	7
71	Characterisation of genetic structure of the Mayan population in Guatemala by autosomal STR analysis. <i>Annals of Human Biology</i> , 2016, 43, 457-468.	1.0	7
72	Significance of EGFR Expression in Circulating Tumor Cells. <i>Advances in Experimental Medicine and Biology</i> , 2017, 994, 285-296.	1.6	7

#	ARTICLE	IF	CITATIONS
73	Intentional Mixed Buccal Cell Reference Sample in a Paternity Case. <i>Journal of Forensic Sciences</i> , 2007, 52, 397-399.	1.6	6
74	Improving the genetic signature of prostate cancer, the somatic mutations. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 312.e17-312.e23.	1.6	6
75	Sequential Multiplex Amplification: Utility in Forensic Casework with Minimal Amounts of DNA and Partially Degraded Samples. <i>Journal of Forensic Sciences</i> , 1997, 42, 923-925.	1.6	6
76	Usefulness of Microbiome for Forensic Geolocation: A Review. <i>Life</i> , 2021, 11, 1322.	2.4	6
77	Type 2 Diabetes-Related Variants Influence the Risk of Developing Prostate Cancer: A Population-Based Case-Control Study and Meta-Analysis. <i>Cancers</i> , 2022, 14, 2376.	3.7	6
78	mRNA expression patterns in human myocardial tissue, pericardial fluid and blood, and its contribution to the diagnosis of cause of death. <i>Forensic Science International</i> , 2019, 302, 109876.	2.2	5
79	Evaluation of the police operational tactical procedures for reducing officer injuries resulting from physical interventions in problematic arrests. The case of the Municipal Police of Cadiz (Spain). <i>International Journal of Occupational Medicine and Environmental Health</i> , 2020, 33, 35-43.	1.3	5
80	Genetic identification against traffic in human beings. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2021, 3, .	2.1	4
81	Genetic variation of 15 autosomal microsatellite loci in a Nayarit population (Mexico). <i>Legal Medicine</i> , 2011, 13, 323-327.	1.3	3
82	Population genetic data of 38 insertion-deletion markers in South East Spanish population. <i>Forensic Science International: Genetics</i> , 2014, 13, 236-238.	3.1	3
83	Genetic structure in the paternal lineages of South East Spain revealed by the analysis of 17 Y-STRs. <i>Scientific Reports</i> , 2019, 9, 5234.	3.3	3
84	A Legal and Forensic Medicine Approach to Police Physical Intervention Techniques in High-Risk Situations. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2809.	2.6	3
85	From precision medicine to imprecision medicine through limited diagnostic ability to detect low allelic frequency mutations. <i>Translational Lung Cancer Research</i> , 2020, 9, 180-183.	2.8	1
86	Forensic Genetics Against Children Trafficking: Missing Children Genetic Identification. , 2016, , 177-189.		1
87	Applications of Next-Generation Sequencing in Forensic Field. , 2020, , 451-471.		1
88	GITAD 2020: quality assurance test through 20 years of experience. <i>International Journal of Legal Medicine</i> , 2022, 136, 659-670.	2.2	1
89	Identification of hereditary breast and ovarian cancer germline variants in Granada (Spain): NGS perspective. <i>Molecular Genetics and Genomics</i> , 2022, , 1.	2.1	1
90	Genetic variation of 17 STR loci in a Mexican Mestizo population from Mexico City. <i>International Journal of Legal Medicine</i> , 2016, 130, 1505-1507.	2.2	0

#	ARTICLE	IF	CITATIONS
91	Strategies for Isolation and Phenotypic, Genetic, and Functional Characterization of Circulating Tumor Cells. <i>Cancers</i> , 2020, 12, 3257.	3.7	0
92	Biodynamic Phenotypic and Epigenetics Changes of Circulating Tumor Cells: Their Application in Cancer Prognosis and Treatment. , 2015, , 35-49.		0
93	The Advantages of Noncriminal Genetic Databases in Identifying Missing Persons and Human Remains. , 2016, , 365-377.		0