

# Felix Royo

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,342  
citations

159525

30  
h-index

149623

56  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5708  
citing authors

#	ARTICLE	IF	CITATIONS
1	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
2	A novel community driven software for functional enrichment analysis of extracellular vesicles data. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1321455.	5.5	314
3	Methods for Separation and Characterization of Extracellular Vesicles: Results of a Worldwide Survey Performed by the ISEV Rigor and Standardization Subcommittee. <i>Cells</i> , 2020, 9, 1955.	1.8	205
4	Glycosylation of extracellular vesicles: current knowledge, tools and clinical perspectives. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1442985.	5.5	173
5	Proteostasis of tau. Tau overexpression results in its secretion via membrane vesicles. <i>FEBS Letters</i> , 2012, 586, 47-54.	1.3	135
6	Modification of the glycosylation of extracellular vesicles alters their biodistribution in mice. <i>Nanoscale</i> , 2019, 11, 1531-1537.	2.8	134
7	Gut microbiome and serum metabolome analyses identify molecular biomarkers and altered glutamate metabolism in fibromyalgia. <i>EBioMedicine</i> , 2019, 46, 499-511.	2.7	128
8	Using single-vesicle technologies to unravel the heterogeneity of extracellular vesicles. <i>Nature Protocols</i> , 2021, 16, 3163-3185.	5.5	118
9	Different EV enrichment methods suitable for clinical settings yield different subpopulations of urinary extracellular vesicles from human samples. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 29497.	5.5	112
10	Metabolic alterations in urine extracellular vesicles are associated to prostate cancer pathogenesis and progression. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1470442.	5.5	103
11	Assessing the role of surface glycans of extracellular vesicles on cellular uptake. <i>Scientific Reports</i> , 2019, 9, 11920.	1.6	92
12	Proteomic analysis of microvesicles from plasma of healthy donors reveals high individual variability. <i>Journal of Proteomics</i> , 2012, 75, 3574-3584.	1.2	86
13	Effect of metabolic cage housing on immunoglobulin A and corticosterone excretion in faeces and urine of young male rats. <i>Experimental Physiology</i> , 2004, 89, 427-433.	0.9	85
14	Impact of chronic catheterization and automated blood sampling (Accusampler) on serum corticosterone and fecal immunoreactive corticosterone metabolites and immunoglobulin A in male rats. <i>Journal of Endocrinology</i> , 2004, 180, 145-153.	1.2	74
15	Raman tweezers microspectroscopy of <i>circa</i> 100 nm extracellular vesicles. <i>Nanoscale</i> , 2019, 11, 1661-1679.	2.8	72
16	Hepatocyte-secreted extracellular vesicles modify blood metabolome and endothelial function by an arginase-dependent mechanism. <i>Scientific Reports</i> , 2017, 7, 42798.	1.6	66
17	Advanced preclinical models for evaluation of drug-induced liver injury – consensus statement by the European Drug-Induced Liver Injury Network [PRO-EURO-DILI-NET]. <i>Journal of Hepatology</i> , 2021, 75, 935-959.	1.8	66
18	Quantitative proteomic analysis of hepatocyte-secreted extracellular vesicles reveals candidate markers for liver toxicity. <i>Journal of Proteomics</i> , 2014, 103, 227-240.	1.2	64

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19	Microarray-Based Identification of Lectins for the Purification of Human Urinary Extracellular Vesicles Directly from Urine Samples. <i>ChemBioChem</i> , 2014, 15, 1621-1626.	1.3	59
20	Transcriptome of Extracellular Vesicles Released by Hepatocytes. <i>PLoS ONE</i> , 2013, 8, e68693.	1.1	58
21	Vesicle-MaNiA: extracellular vesicles in liquid biopsy and cancer. <i>Current Opinion in Pharmacology</i> , 2016, 29, 47-53.	1.7	55
22	Transcriptomic profiling of urine extracellular vesicles reveals alterations of CDH3 in prostate cancer. <i>Oncotarget</i> , 2016, 7, 6835-6846.	0.8	55
23	A Pilot Study on the Potential of RNA-Associated to Urinary Vesicles as a Suitable Non-Invasive Source for Diagnostic Purposes in Bladder Cancer. <i>Cancers</i> , 2014, 6, 179-192.	1.7	54
24	Liver extracellular vesicles in health and disease. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	5.5	47
25	Characterization of Plasmodium vivax Proteins in Plasma-Derived Exosomes From Malaria-Infected Liver-Chimeric Humanized Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 1271.	1.5	43
26	Sorting signal targeting mRNA into hepatic extracellular vesicles. <i>RNA Biology</i> , 2014, 11, 836-844.	1.5	42
27	Comparative miRNA Analysis of Urine Extracellular Vesicles Isolated through Five Different Methods. <i>Cancers</i> , 2016, 8, 112.	1.7	41
28	Physiological and genetic characterisation of some new Aphanomyces strains isolated from freshwater crayfish. <i>Veterinary Microbiology</i> , 2004, 104, 103-112.	0.8	37
29	Stress in cynomolgus monkeys ( <i>Macaca fascicularis</i> ) subjected to long-distance transport and simulated transport housing conditions. <i>Stress</i> , 2008, 11, 467-476.	0.8	37
30	Differences in the metabolite composition and mechanical properties of extracellular vesicles secreted by hepatic cellular models. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1575678.	5.5	35
31	Quantification of stress sensitive markers in single fecal samples do not accurately predict excretion of these in the pig. <i>Research in Veterinary Science</i> , 2007, 82, 423-428.	0.9	30
32	Tetraspanin-decorated extracellular vesicle-mimetics as a novel adaptable reference material. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1573052.	5.5	29
33	Low genetic variability of the white-clawed crayfish in the Iberian Peninsula: its origin and management implications. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 19-31.	0.9	27
34	Metabolically active extracellular vesicles released from hepatocytes under drug-induced liver-damaging conditions modify serum metabolome and might affect different pathophysiological processes. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 98, 51-57.	1.9	25
35	Abundance of Cytochromes in Hepatic Extracellular Vesicles Is Altered by Drugs Related With Drug-Induced Liver Injury. <i>Hepatology Communications</i> , 2018, 2, 1064-1079.	2.0	25
36	Urinary and fecal immunoglobulin A, cortisol and 11-17 dioxoandrostanes, and serum cortisol in metabolic cage housed female cynomolgus monkeys ( <i>Macaca fascicularis</i> ). <i>Journal of Medical Primatology</i> , 2007, 36, 355-364.	0.3	23

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37	Extracellular vesicles in hepatology: Physiological role, involvement in pathogenesis, and therapeutic opportunities. , 2021, 218, 107683.		22
38	Considerations for Applying Metabolomics to the Analysis of Extracellular Vesicles. <i>Frontiers in Immunology</i> , 2014, 5, 651.	2.2	21
39	3D Cell Cultures as Prospective Models to Study Extracellular Vesicles in Cancer. <i>Cancers</i> , 2021, 13, 307.	1.7	20
40	Expression of the DYRK1A gene correlates with its 3D positioning in the interphase nucleus of Down syndrome cells. <i>Chromosome Research</i> , 2015, 23, 285-298.	1.0	18
41	Transcriptomic Profiling of the Liver Sinusoidal Endothelium during Cirrhosis Reveals Stage-Specific Secretory Signature. <i>Cancers</i> , 2021, 13, 2688.	1.7	18
42	A Comprehensive Study of Vesicular and Non-Vesicular miRNAs from a Volume of Cerebrospinal Fluid Compatible with Clinical Practice. <i>Theranostics</i> , 2019, 9, 4567-4579.	4.6	17
43	Methodological aspects of the molecular and histological study of prostate cancer: Focus on PTEN. <i>Methods</i> , 2015, 77-78, 25-30.	1.9	16
44	Egg Corticosterone: A Noninvasive Measure of Stress in Egg-laying Birds. , 2008, 22, 310-314.		15
45	Human Mammospheres Secrete Hormone-Regulated Active Extracellular Vesicles. <i>PLoS ONE</i> , 2014, 9, e83955.	1.1	14
46	Spatial link between nucleoli and expression of the <i>Zac1</i> gene. <i>Chromosoma</i> , 2009, 118, 711-722.	1.0	13
47	Molecular Profiling of Decompensated Cirrhosis by a Novel MicroRNA Signature. <i>Hepatology Communications</i> , 2021, 5, 309-322.	2.0	13
48	Functional blockade of $\alpha 5 \beta 1$ integrin induces scattering and genomic landscape remodeling of hepatic progenitor cells. <i>BMC Cell Biology</i> , 2010, 11, 81.	3.0	11
49	Combined Fluorescent-Chromogenic In Situ Hybridization for Identification and Laser Microdissection of Interphase Chromosomes. <i>PLoS ONE</i> , 2013, 8, e60238.	1.1	11
50	IL-10 is up regulated in early and transitional stages in vervet monkeys experimentally infected with <i>Trypanosoma brucei rhodesiense</i> . <i>Parasitology International</i> , 2006, 55, 243-248.	0.6	10
51	Stroma-derived extracellular vesicle mRNA signatures inform histological nature of prostate cancer. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12150.	5.5	10
52	Human Serum Extracellular Vesicle Proteomic Profile Depends on the Enrichment Method Employed. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11144.	1.8	8
53	Separation of pair housed roosters is associated with transient increased corticosteroid excretion. <i>Research in Veterinary Science</i> , 2009, 86, 183-187.	0.9	7
54	RhinoVax is an efficient adjuvant in oral immunisation of young chickens and cholera toxin B is an effective oral primer in subcutaneous immunisation with Freund's incomplete adjuvant. <i>In Vivo</i> , 2005, 19, 375-82.	0.6	6

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55	Correlation between adjuvanticity and immunogenicity of cholera toxin B subunit in orally immunised young chickens. Brief report. <i>Apmis</i> , 2005, 113, 284-287.	0.9	5
56	Metabolic Nano-Machines: Extracellular Vesicles Containing Active Enzymes and Their Contribution to Liver Diseases. <i>Current Pathobiology Reports</i> , 2019, 7, 119-127.	1.6	5
57	Enhancement of anamnestic immunospecific antibody response in orally immunized chickens. <i>Journal of Immunological Methods</i> , 2009, 342, 58-63.	0.6	4
58	<i>PLAGL1</i> gene function during hepatoma cells proliferation. <i>Oncotarget</i> , 2018, 9, 32775-32794.	0.8	4
59	Different Ability of Multidrug-Resistant and -Sensitive Counterpart Cells to Release and Capture Extracellular Vesicles. <i>Cells</i> , 2021, 10, 2886.	1.8	4
60	Extracellular vesicles from thyroid cancer harbor a functional machinery involved in extracellular matrix remodeling. <i>European Journal of Cell Biology</i> , 2022, 101, 151254.	1.6	3
61	Concentration compared with total urinary excretion of 11,17-DOA in cynomolgus monkey urine. <i>Journal of Medical Primatology</i> , 2009, 38, 290-291.	0.3	1
62	Concentration compared with total urinary excretion of 11,17-DOA in cynomolgus monkey urine. <i>Journal of Medical Primatology</i> , 2008, 37, 168-168.	0.3	0
63	Extracellular Vesicles From Liver Progenitor Cells Downregulates Fibroblast Metabolic Activity and Increase the Expression of Immune-Response Related Molecules. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 613583.	1.8	0