

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	5,022 citations	19 h-index	41 g-index
41 ext. papers	7,199 ext. citations	6.3 avg, IF	4.42 L-index

#	Paper	IF	Citations
36	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
35	HIV Nef is secreted in exosomes and triggers apoptosis in bystander CD4+ T cells. <i>Traffic</i> , 2010 , 11, 110-227	3.7	363
34	Size characterization and quantification of exosomes by asymmetrical-flow field-flow fractionation. <i>Analytical Chemistry</i> , 2015 , 87, 9225-33	7.8	137
33	PKH26 labeling of extracellular vesicles: Characterization and cellular internalization of contaminating PKH26 nanoparticles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 1350-1361	3.8	110
32	Whole genome duplication and enrichment of metal cation transporters revealed by de novo genome sequencing of extremely halotolerant black yeast <i>Hortaea werneckii</i> . <i>PLoS ONE</i> , 2013 , 8, e71328	3.7	72
31	Adaptation to high salt concentrations in halotolerant/halophilic fungi: a molecular perspective. <i>Frontiers in Microbiology</i> , 2014 , 5, 199	5.7	68
30	Fungal adaptation to extremely high salt concentrations. <i>Advances in Applied Microbiology</i> , 2011 , 77, 71-96	4.9	63
29	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1647027	16.4	48
28	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1473707	16.4	42
27	Fungi between extremotolerance and opportunistic pathogenicity on humans. <i>Fungal Diversity</i> , 2018 , 93, 195-213	17.6	40
26	Melanin is crucial for growth of the black yeast <i>Hortaea werneckii</i> in its natural hypersaline environment. <i>Fungal Biology</i> , 2013 , 117, 368-79	2.8	39
25	Viral protein Nef is detected in plasma of half of HIV-infected adults with undetectable plasma HIV RNA. <i>PLoS ONE</i> , 2018 , 13, e0191613	3.7	39
24	Urinary extracellular vesicles: A position paper by the Urine Task Force of the International Society for Extracellular Vesicles. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12093	16.4	38
23	Adaptation of the glycerol-3-phosphate dehydrogenase Gpd1 to high salinities in the extremely halotolerant <i>Hortaea werneckii</i> and halophilic <i>Walleria ichthyophaga</i> . <i>Fungal Biology</i> , 2011 , 115, 959-70	2.8	37
22	Nef is secreted in exosomes from Nef.GFP-expressing and HIV-1-infected human astrocytes. <i>Journal of NeuroVirology</i> , 2017 , 23, 713-724	3.9	34
21	The MAP kinase HwHog1 from the halophilic black yeast <i>Hortaea werneckii</i> : coping with stresses in solar salterns. <i>Saline Systems</i> , 2007 , 3, 3		33
20	Insight into the Recent Genome Duplication of the Halophilic Yeast : Combining an Improved Genome with Gene Expression and Chromatin Structure. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 2015-2022	3.2	31

19	Towards defining reference materials for measuring extracellular vesicle refractive index, epitope abundance, size and concentration. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1816641	16.4	31
18	Novel group VII histidine kinase HwHhk7B from the halophilic fungi <i>Hortaea werneckii</i> has a putative role in osmosensing. <i>Current Genetics</i> , 2007 , 51, 393-405	2.9	21
17	The Neurotropic Black Yeast Induces Neurocytotoxicity in Neuroblastoma Cells and Progressive Cell Death. <i>Cells</i> , 2020 , 9,	7.9	12
16	Identification and characterization of putative osmosensors, HwSho1A and HwSho1B, from the extremely halotolerant black yeast <i>Hortaea werneckii</i> . <i>Fungal Genetics and Biology</i> , 2011 , 48, 475-84	3.9	12
15	Ecm11 protein of yeast <i>Saccharomyces cerevisiae</i> is regulated by sumoylation during meiosis. <i>FEMS Yeast Research</i> , 2008 , 8, 64-70	3.1	12
14	Enrichment of plasma extracellular vesicles for reliable quantification of their size and concentration for biomarker discovery. <i>Scientific Reports</i> , 2020 , 10, 21346	4.9	11
13	HwHog1 kinase activity is crucial for survival of <i>Hortaea werneckii</i> in extremely hyperosmolar environments. <i>Fungal Genetics and Biology</i> , 2015 , 74, 45-58	3.9	11
12	Insertion of a specific fungal 3Tphosphoadenosine-5Tphosphatase motif into a plant homologue improves halotolerance and drought tolerance of plants. <i>PLoS ONE</i> , 2013 , 8, e81872	3.7	11
11	The unique characteristics of HOG pathway MAPKs in the extremely halotolerant <i>Hortaea werneckii</i> . <i>FEMS Microbiology Letters</i> , 2015 , 362, fnv046	2.9	8
10	Trans-Activation Response Element RNA is Detectable in the Plasma of a Subset of Aviremic HIV-1-Infected Patients. <i>Acta Chimica Slovenica</i> , 2017 , 64, 530-536	1.9	8
9	Characterization of Plasma-Derived Small Extracellular Vesicles Indicates Ongoing Endothelial and Platelet Activation in Patients with Thrombotic Antiphospholipid Syndrome. <i>Cells</i> , 2020 , 9,	7.9	7
8	Blood Nanoparticles - Influence on Extracellular Vesicle Isolation and Characterization. <i>Frontiers in Pharmacology</i> , 2021 , 12, 773844	5.6	6
7	Slow Release of HIV-1 Protein Nef from Vesicle-like Structures Is Inhibited by Cytosolic Calcium Elevation in Single Human Microglia. <i>Molecular Neurobiology</i> , 2019 , 56, 102-118	6.2	6
6	Plasma Extracellular Vesicle Characteristics Correlate with Tumor Differentiation and Predict Overall Survival in Patients with Pancreatic Ductal Adenocarcinoma Undergoing Surgery with Curative Intent. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	5
5	Seven Years at High Salinity-Experimental Evolution of the Extremely Halotolerant Black Yeast. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	4
4	Extracellular Vesicles: A Novel Tool Facilitating Personalized Medicine and Pharmacogenomics in Oncology. <i>Frontiers in Pharmacology</i> , 2021 , 12, 671298	5.6	2
3	Urinary Extracellular Vesicles and Their miRNA Cargo in Patients with Fabry Nephropathy. <i>Genes</i> , 2021 , 12,	4.2	2
2	EXTRACELLULAR VESICLES FROM URINE AS BIOMARKERS OF KIDNEY ALLOGRAFT INJURY: OPTIMIZATION OF EXTRACELLULAR VESICLE ISOLATION AND CHARACTERIZATION. <i>Transplantation</i> , 2020 , 104, S128-S128	1.8	1

- 1 Unveiling the Native Morphology of Extracellular Vesicles from Human Cerebrospinal Fluid by Atomic Force and Cryogenic Electron Microscopy. *Biomedicines*, **2022**, 10, 1251

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