

Bas W M Van Balkom

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

4,515
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

8116
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	12.2	1,020
2	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	12.2	561
3	Cellular stress conditions are reflected in the protein and RNA content of endothelial cell-derived exosomes. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	12.2	493
4	Endothelial cells require miR-214 to secrete exosomes that suppress senescence and induce angiogenesis in human and mouse endothelial cells. <i>Blood</i> , 2013, 121, 3997-4006.	1.4	426
5	Defining mesenchymal stromal cell (MSC)-derived small extracellular vesicles for therapeutic applications. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1609206.	12.2	400
6	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	4.1	317
7	Extracellular Vesicles: Potential Roles in Regenerative Medicine. <i>Frontiers in Immunology</i> , 2014, 5, 608.	4.8	263
8	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1730-1739.	3.3	247
9	Quantitative and qualitative analysis of small RNAs in human endothelial cells and exosomes provides insights into localized RNA processing, degradation and sorting. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26760.	12.2	235
10	Human adipocyte extracellular vesicles in reciprocal signaling between adipocytes and macrophages. <i>Obesity</i> , 2014, 22, 1296-1308.	3.0	142
11	Exosomes from hypoxic endothelial cells have increased collagen crosslinking activity through up-regulation of lysyl oxidase-like 2. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 342-350.	3.6	98
12	Proteomic Signature of Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles. <i>Proteomics</i> , 2019, 19, e1800163.	2.2	77
13	A systematic review and meta-analysis of COVID-19 in kidney transplant recipients: Lessons to be learned. <i>American Journal of Transplantation</i> , 2021, 21, 3936-3945.	4.7	76
14	Functional assays to assess the therapeutic potential of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12033.	12.2	54
15	Lysyl oxidase-like 2 is a regulator of angiogenesis through modulation of endothelial-to-mesenchymal transition. <i>Journal of Cellular Physiology</i> , 2019, 234, 10260-10269.	4.1	31
16	Proteins in Preservation Fluid as Predictors of Delayed Graft Function in Kidneys from Donors after Circulatory Death. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 817-824.	4.5	22
17	Screen-based identification and validation of four novel ion channels as regulators of renal cilogenesis. <i>Journal of Cell Science</i> , 2015, 128, 4550-9.	2.0	15
18	Stem cells, organoids, and organ-on-a-chip models for personalized in-vitro drug testing. <i>Current Opinion in Toxicology</i> , 2021, 28, 7-14.	5.0	15

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19	Paracrine Proangiogenic Function of Human Bone Marrow-Derived Mesenchymal Stem Cells Is Not Affected by Chronic Kidney Disease. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	11
20	Proteomic analysis of machine perfusion solution from brain dead donor kidneys reveals that elevated complement, cytoskeleton and lipid metabolism proteins are associated with 1-year outcome. <i>Transplant International</i> , 2021, 34, 1618-1629.	1.6	10
21	The potential of exosomes in diagnosis and treatment of inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 497-504.	3.6	2