Bence GyÃ¶rgy

List of Publications by Year
in descending order

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41 papers	5,526 citations	361045 20 h-index	360668 35 g-index
42 all docs	42 docs citations	42 times ranked	9510 citing authors

#	Article	IF	Citations
1	Membrane vesicles, current state-of-the-art: emerging role of extracellular vesicles. Cellular and Molecular Life Sciences, 2011, 68, 2667-2688.	2.4	1,719
2	Emerging role of extracellular vesicles in inflammatory diseases. Nature Reviews Rheumatology, 2014, 10, 356-364.	3.5	563
3	Citrullination: A posttranslational modification in health and disease. International Journal of Biochemistry and Cell Biology, 2006, 38, 1662-1677.	1.2	415
4	Therapeutic Applications of Extracellular Vesicles: Clinical Promise and Open Questions. Annual Review of Pharmacology and Toxicology, 2015, 55, 439-464.	4.2	415
5	Detection and isolation of cell-derived microparticles are compromised by protein complexes resulting from shared biophysical parameters. Blood, 2011, 117, e39-e48.	0.6	363
6	High levels of AAV vector integration into CRISPR-induced DNA breaks. Nature Communications, 2019, 10, 4439.	5.8	257
7	TMC1 Forms the Pore of Mechanosensory Transduction Channels in Vertebrate Inner Ear Hair Cells. Neuron, 2018, 99, 736-753.e6.	3.8	250
8	Rescue of Hearing by Gene Delivery to Inner-Ear Hair Cells Using Exosome-Associated AAV. Molecular Therapy, 2017, 25, 379-391.	3.7	181
9	Improved Characterization of EV Preparations Based on Protein to Lipid Ratio and Lipid Properties. PLoS ONE, 2015, 10, e0121184.	1.1	151
10	Allele-specific gene editing prevents deafness in a model of dominant progressive hearing loss. Nature Medicine, 2019, 25, 1123-1130.	15.2	149
11	Improved Flow Cytometric Assessment Reveals Distinct Microvesicle (Cell-Derived Microparticle) Signatures in Joint Diseases. PLoS ONE, 2012, 7, e49726.	1.1	129
12	CRISPR/Cas9 Mediated Disruption of the Swedish APP Allele as a Therapeutic Approach for Early-Onset Alzheimerâ€™s Disease. Molecular Therapy - Nucleic Acids, 2018, 11, 429-440.	2.3	116
13	Naturally enveloped AAV vectors for shielding neutralizing antibodies and robust gene delivery inÂvivo. Biomaterials, 2014, 35, 7598-7609.	5.7	112
14	Gene Transfer with AAV9-PHP.B Rescues Hearing in a Mouse Model of Usher Syndrome 3A and Transduces Hair Cells in a Non-human Primate. Molecular Therapy - Methods and Clinical Development, 2019, 13, 1-13.	1.8	110
15	Exosome-associated AAV2 vector mediates robust gene delivery into the murine retina upon intravitreal injection. Scientific Reports, 2017, 7, 45329.	1.6	108
16	Citrullination under physiological and pathological conditions. Joint Bone Spine, 2012, 79, 431-436.	0.8	107
17	Improved circulating microparticle analysis in acid-citrate dextrose (ACD) anticoagulant tube. Thrombosis Research, 2014, 133, 285-292.	0.8	99
18	Secretion and Uptake of Î±-Synuclein Via Extracellular Vesicles in Cultured Cells. Cellular and Molecular Neurobiology, 2018, 38, 1539-1550.	1.7	79

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19	Critical role of extracellular vesicles in modulating the cellular effects of cytokines. Cellular and Molecular Life Sciences, 2014, 71, 4055-4067.	2.4	44
20	Extracellular vesicles: nature's nanoparticles for improving gene transfer with adenoâ€associated virus vectors. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1488.	3.3	29
21	Genome and base editing for genetic hearing loss. Hearing Research, 2020, 394, 107958.	0.9	18
22	Membrane-bound Gaussia luciferase as a tool to track shedding of membrane proteins from the surface of extracellular vesicles. Scientific Reports, 2019, 9, 17387.	1.6	17
23	Gene therapy for tuberous sclerosis complex type 2 in a mouse model by delivery of AAV9 encoding a condensed form of tuberin. Science Advances, 2021, 7, .	4.7	17
24	HLA-association of serum levels of natural antibodies. Molecular Immunology, 2009, 46, 1416-1423.	1.0	15
25	Extracellular Vesicles as Enhancers of Virus Vectorâ€“Mediated Gene Delivery. Human Gene Therapy, 2014, 25, 785-786.	1.4	13
26	The role of citrullination of an immunodominant proteoglycan (PG) aggrecan T cell epitope in BALB/c mice with PG-induced arthritis. Immunology Letters, 2013, 152, 25-31.	1.1	10
27	Response: systematic use of Triton lysis as a control for microvesicle labeling. Blood, 2012, 119, 2175-2176.	0.6	9
28	567. CRISPR-Cas9 Mediated Gene Editing in a Monogenic Form of Alzheimer's Disease. Molecular Therapy, 2016, 24, S226-S227.	3.7	8
29	Mutant Allele-Specific CRISPR Disruption in DYT1 Dystonia Fibroblasts Restores Cell Function. Molecular Therapy - Nucleic Acids, 2020, 21, 1-12.	2.3	8
30	Mutant torsinA in the heterozygous DYT1 state compromises HSV propagation in infected neurons and fibroblasts. Scientific Reports, 2018, 8, 2324.	1.6	7
31	c.-61G>A in OVOL2 is a Pathogenic 5â€² Untranslated Region Variant Causing Posterior Polymorphous Corneal Dystrophy 1. Cornea, 2022, 41, 89-94.	0.9	3
32	Effect of prolactin on normal and keratoconus human corneal stromal fibroblasts in vitro. PLoS ONE, 2021, 16, e0249344.	1.1	2
33	594. Exosome-Associated AAV Enhances Retinal Transduction Following Intravitreal Injection. Molecular Therapy, 2016, 24, S235.	3.7	1
34	Organoids control glucose. Science Translational Medicine, 2020, 12, .	5.8	1
35	Bispecific CAR T cells have a dual grasp on tumors. Science Translational Medicine, 2020, 12, .	5.8	1
36	Immunosuppressants increase the levels of natural autoantibodies reactive with glycosaminoglycans in myasthenia gravis. Journal of Neuroimmunology, 2014, 276, 224-228.	1.1	0

#	Article	IF	Citations
37	CRISPR cuts disease course short in blood disorders. Science Translational Medicine, 2021, 13, .	5.8	0
38	CRISPR-engineered immune cells reach the bedside. Science Translational Medicine, 2020, 12, .	5.8	0
39	Clearing the path for gene therapy. Science Translational Medicine, 2020, 12, .	5.8	0
40	Hope on the horizon for inherited blindness. Science Translational Medicine, 2020, 12, .	5.8	0
41	Rare occult macular dystrophy with a pathogenic variant in the RP1L1 gene in a patient of Swiss descent. American Journal of Ophthalmology Case Reports, 2022, 26, 101527.	0.4	0