

# Aat A Mulder

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,509  
citations

623734

14  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human iPSC-Derived Cardiac Stromal Cells Enhance Maturation in 3D Cardiac Microtissues and Reveal Non-cardiomyocyte Contributions to Heart Disease. <i>Cell Stem Cell</i> , 2020, 26, 862-879.e11.	11.1	337
2	Mannose receptor-mediated uptake of antigens strongly enhances HLA class II-restricted antigen presentation by cultured dendritic cells. <i>European Journal of Immunology</i> , 1997, 27, 2426-2435.	2.9	298
3	TNF- $\alpha$ and Th2 Cytokines Induce Atopic Dermatitis-Like Features on Epidermal Differentiation Proteins and Stratum Corneum Lipids in Human Skin Equivalents. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1941-1950.	0.7	238
4	Postmortem MRI and histology demonstrate differential iron accumulation and cortical myelin organization in early- and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 62, 231-242.	3.1	93
5	Human iPSC-Derived Retinas Recapitulate the Fetal CRB1 CRB2 Complex Formation and Demonstrate that Photoreceptors and Müller Glia Are Targets of AAV5. <i>Stem Cell Reports</i> , 2019, 12, 906-919.	4.8	75
6	Melanosome Capping of Keratinocytes in Pigmented Reconstructed Epidermis – Effect of Ultraviolet Radiation and 3-Isobutyl-1-Methyl-Xanthine on Melanogenesis. <i>Pigment Cell &amp; Melanoma Research</i> , 2000, 13, 458-466.	3.6	72
7	Antibody-Neutralized Reovirus Is Effective in Oncolytic Virotherapy. <i>Cancer Immunology Research</i> , 2018, 6, 1161-1173.	3.4	53
8	Smad6 determines BMP-regulated invasive behaviour of breast cancer cells in a zebrafish xenograft model. <i>Scientific Reports</i> , 2016, 6, 24968.	3.3	41
9	Weibel-Palade Body Localized Syntaxin-3 Modulates Von Willebrand Factor Secretion From Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1549-1561.	2.4	35
10	In vitro modelling of alveolar repair at the air-liquid interface using alveolar epithelial cells derived from human induced pluripotent stem cells. <i>Scientific Reports</i> , 2020, 10, 5499.	3.3	35
11	Impaired desquamation in the in vitro reconstructed human epidermis. <i>Cell and Tissue Research</i> , 1996, 286, 115-122.	2.9	32
12	Loss of CRB2 in Müller glial cells modifies a CRB1-associated retinitis pigmentosa phenotype into a Leber congenital amaurosis phenotype. <i>Human Molecular Genetics</i> , 2019, 28, 105-123.	2.9	29
13	Colocalization of Dynactin Subunits P150Glued and P50 with Melanosomes in Normal Human Melanocytes. <i>Pigment Cell &amp; Melanoma Research</i> , 2000, 13, 449-457.	3.6	17
14	Sec22b determines Weibel-Palade body length by controlling anterograde ER-Golgi transport. <i>Haematologica</i> , 2021, 106, 1138-1147.	3.5	17
15	CRB2 Loss in Rod Photoreceptors Is Associated with Progressive Loss of Retinal Contrast Sensitivity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4069.	4.1	16
16	Progression and Classification of Granular Osmiophilic Material (GOM) Deposits in Functionally Characterized Human NOTCH3 Transgenic Mice. <i>Translational Stroke Research</i> , 2020, 11, 517-527.	4.2	16
17	<i>NOTCH3</i> variant position is associated with NOTCH3 aggregation load in CADASIL vasculature. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	16
18	Conditional immortalization of human atrial myocytes for the generation of in vitro models of atrial fibrillation. <i>Nature Biomedical Engineering</i> , 2022, 6, 389-402.	22.5	16

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19	High-impact <i>FN1</i> mutation decreases chondrogenic potential and affects cartilage deposition via decreased binding to collagen type II. <i>Science Advances</i> , 2021, 7, eabg8583.	10.3	13
20	Naturally occurring NOTCH3 exon skipping attenuates NOTCH3 protein aggregation and disease severity in CADASIL patients. <i>Human Molecular Genetics</i> , 2020, 29, 1853-1863.	2.9	12
21	Inducing fluorescence of uranyl acetate as a dual-purpose contrast agent for correlative light-electron microscopy with nanometre precision. <i>Scientific Reports</i> , 2017, 7, 10442.	3.3	11
22	Defining Phenotype, Tropism, and Retinal Gene Therapy Using Adeno-Associated Viral Vectors (AAVs) in New-Born Brown Norway Rats with a Spontaneous Mutation in <i>Crb1</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3563.	4.1	9
23	Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy Family Members With a Pathogenic <i>NOTCH3</i> Variant Can Have a Normal Brain Magnetic Resonance Imaging and Skin Biopsy Beyond Age 50 Years. <i>Stroke</i> , 2022, 53, 1964-1974.	2.0	9
24	Syntaxin 5 determines Weibel-Palade body size and von Willebrand factor secretion by controlling Golgi architecture. <i>Haematologica</i> , 2022, 107, 1827-1839.	3.5	8
25	Doublecortin-like expressing astrocytes of the suprachiasmatic nucleus are implicated in the biosynthesis of vasopressin and influences circadian rhythms. <i>Glia</i> , 2021, 69, 2752-2766.	4.9	6
26	Exploring the potentials of nurture: 2nd and 3rd generation explant human skin equivalents. <i>Journal of Dermatological Science</i> , 2015, 77, 102-109.	1.9	4