

Wilbert P Vermeij

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,976
citations

430874

18
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

3224
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular senescence drives age-dependent hepatic steatosis. <i>Nature Communications</i> , 2017, 8, 15691.	12.8	673
2	Restricted diet delays accelerated ageing and genomic stress in DNA-repair-deficient mice. <i>Nature</i> , 2016, 537, 427-431.	27.8	228
3	Akkermansia muciniphila ameliorates the age-related decline in colonic mucus thickness and attenuates immune activation in accelerated aging Ercc1 ^Δ /l ^Δ 7 mice. <i>Immunity and Ageing</i> , 2019, 16, 6.	4.2	130
4	Genome Integrity in Aging: Human Syndromes, Mouse Models, and Therapeutic Options. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 427-445.	9.4	94
5	Chemotherapy Side-Effects: Not All DNA Damage Is Equal. <i>Cancers</i> , 2022, 14, 627.	3.7	88
6	ROS Quenching Potential of the Epidermal Cornified Cell Envelope. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1435-1441.	0.7	83
7	Skin Cornification Proteins Provide Global Link between ROS Detoxification and Cell Migration during Wound Healing. <i>PLoS ONE</i> , 2010, 5, e11957.	2.5	77
8	Menopause: Genome stability as new paradigm. <i>Maturitas</i> , 2016, 92, 15-23.	2.4	57
9	Aging: not all DNA damage is equal. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 124-130.	3.3	55
10	Cell-Autonomous Progeroid Changes in Conditional Mouse Models for Repair Endonuclease XPG Deficiency. <i>PLoS Genetics</i> , 2014, 10, e1004686.	3.5	54
11	Supplementation with Lactobacillus plantarum WCFS1 Prevents Decline of Mucus Barrier in Colon of Accelerated Aging Ercc1 ^Δ /l ^Δ 7 Mice. <i>Frontiers in Immunology</i> , 2016, 7, 408.	4.8	49
12	DNA damage and transcription stress cause ATP-mediated redesign of metabolism and potentiation of anti-oxidant buffering. <i>Nature Communications</i> , 2019, 10, 4887.	12.8	43
13	Deficiency in the DNA repair protein ERCC1 triggers a link between senescence and apoptosis in human fibroblasts and mouse skin. <i>Aging Cell</i> , 2020, 19, e13072.	6.7	41
14	Distinct Functional Interactions of Human Skn-1 Isoforms with Ese-1 during Keratinocyte Terminal Differentiation. <i>Journal of Biological Chemistry</i> , 2003, 278, 17792-17799.	3.4	31
15	Spatio-temporal Analysis of Molecular Determinants of Neuronal Degeneration in the Aging Mouse Cerebellum. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1350-1362.	3.8	28
16	Unlike dietary restriction, rapamycin fails to extend lifespan and reduce transcription stress in progeroid DNA repair-deficient mice. <i>Aging Cell</i> , 2021, 20, e13302.	6.7	27
17	Frontline Science: Tryptophan restriction arrests B cell development and enhances microbial diversity in WT and prematurely aging Ercc1 ^Δ /l ^Δ 7 mice. <i>Journal of Leukocyte Biology</i> , 2017, 101, 811-821.	3.3	26
18	Tissue-Specific Suppression of Thyroid Hormone Signaling in Various Mouse Models of Aging. <i>PLoS ONE</i> , 2016, 11, e0149941.	2.5	23

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19	Compression of morbidity in a progeroid mouse model through the attenuation of myostatin/activin signalling. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 662-686.	7.3	22
20	Proteomic Identification of in Vivo Interactors Reveals Novel Function of Skin Cornification Proteins. <i>Journal of Proteome Research</i> , 2012, 11, 3068-3076.	3.7	21
21	Selective DNA damage responses in murine Xpa ^{-/-} , Xpc ^{-/-} and Csb ^{-/-} keratinocyte cultures. <i>DNA Repair</i> , 2005, 4, 1337-1344.	2.8	17
22	Vitamin E Supplementation Reduces Cellular Loss in the Brain of a Premature Aging Mouse Model. <i>Journal of prevention of Alzheimer's disease</i> , The, 2017, 4, 226-235.	2.7	17
23	Different responses to DNA damage determine ageing differences between organs. <i>Aging Cell</i> , 2022, 21, e13562.	6.7	16
24	Dietary restriction but not angiotensin II type 1 receptor blockade improves DNA damage-related vasodilator dysfunction in rapidly aging Ercc1 ^{fl} mice. <i>Clinical Science</i> , 2017, 131, 1941-1953.	4.3	14
25	Nutritional Preconditioning in Cancer Treatment in Relation to DNA Damage and Aging. <i>Annual Review of Cancer Biology</i> , 2021, 5, 161-179.	4.5	13
26	Pre-therapy fasting slows epithelial turnover and modulates the microbiota but fails to mitigate methotrexate-induced gastrointestinal mucositis. <i>Gut Microbes</i> , 2020, 12, 1809332.	9.8	10
27	In vivo 5-ethynyluridine (EU) labelling detects reduced transcription in Purkinje cell degeneration mouse mutants, but can itself induce neurodegeneration. <i>Acta Neuropathologica Communications</i> , 2021, 9, 94.	5.2	10
28	TCERG1L allelic variation is associated with cisplatin-induced hearing loss in childhood cancer, a PanCareLIFE study. <i>Npj Precision Oncology</i> , 2021, 5, 64.	5.4	8
29	Reactive Oxygen Species (ROS) Protection via Cysteine Oxidation in the Epidermal Cornified Cell Envelope. <i>Methods in Molecular Biology</i> , 2013, 1195, 157-169.	0.9	6
30	Compromised DNA Repair Promotes the Accumulation of Regulatory T Cells With an Aging-Related Phenotype and Responsiveness. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	6
31	Fasting before living-kidney donation: effect on donor well-being and postoperative recovery: study protocol of a multicenter randomized controlled trial. <i>Trials</i> , 2022, 23, 18.	1.6	3
32	RT-PCR analysis of p73 splice variants, ease or tease?. <i>Leukemia</i> , 2005, 19, 1685-1686.	7.2	2
33	Base editor repairs mutation found in the premature-ageing syndrome progeria. <i>Nature</i> , 2021, 589, 522-524.	27.8	2
34	Fasting Intervention for Children With Unilateral Renal Tumors to Reduce Toxicity. <i>Frontiers in Pediatrics</i> , 2022, 10, 828615.	1.9	2
35	Verouderingstheorie. <i>Kernboek</i> , 2016, , 9-20.	0.0	0