Martin E Van Royen

List of Publications by Year
in descending order

52 papers	2,560 citations	279798 23 h-index	214800 47 g-index
54 all docs	54 docs citations	54 times ranked	3873 citing authors

#	Article	IF	Citations
1	Extracellular Vesicle Quantification and Characterization: Common Methods and Emerging Approaches. Bioengineering, 2019, 6, 7.	3.5	219
2	Urinary extracellular vesicles: A position paper by the Urine Task Force of the International Society for Extracellular Vesicles. Journal of Extracellular Vesicles, 2021, 10, e12093.	12.2	182
3	Paneth Cells Respond to Inflammation and Contribute to Tissue Regeneration by Acquiring Stem-like Features through SCF/c-Kit Signaling. Cell Reports, 2018, 24, 2312-2328.e7.	6.4	166
4	The power of imaging to understand extracellular vesicle biology in vivo. Nature Methods, 2021, 18, 1013-1026.	19.0	163
5	Compartmentalization of androgen receptor proteinâ€“protein interactions in living cells. Journal of Cell Biology, 2007, 177, 63-72.	5.2	139
6	Structure of the homodimeric androgen receptor ligand-binding domain. Nature Communications, 2017, 8, 14388.	12.8	131
7	ARv7 Represses Tumor-Suppressor Genes in Castration-Resistant Prostate Cancer. Cancer Cell, 2019, 35, 401-413.e6.	16.8	127
8	Stepwise androgen receptor dimerization. Journal of Cell Science, 2012, 125, 1970-9.	2.0	108
9	Secreted Phospholipases A2 Are Intestinal Stem Cell Niche Factors with Distinct Roles in Homeostasis, Inflammation, and Cancer. Cell Stem Cell, 2016, 19, 38-51.	11.1	104
10	Androgen receptor coregulators: Recruitment via the coactivator binding groove. Molecular and Cellular Endocrinology, 2012, 352, 57-69.	3.2	99
11	Antigenic cartography of SARS-CoV-2 reveals that Omicron BA.1 and BA.2 are antigenically distinct. Science Immunology, 2022, 7, .	11.9	89
12	The Effect of F877L and T878A Mutations on Androgen Receptor Response to Enzalutamide. Molecular Cancer Therapeutics, 2016, 15, 1702-1712.	4.1	73
13	Threeâ€dimensional microscopic analysis of clinical prostate specimens. Histopathology, 2016, 69, 985-992.	2.9	71
14	Fluorescence Recovery After Photobleaching (FRAP) to Study Nuclear Protein Dynamics in Living Cells. Methods in Molecular Biology, 2008, 464, 363-385.	0.9	64
15	BRCA2 diffuses as oligomeric clusters with RAD51 and changes mobility after DNA damage in live cells. Journal of Cell Biology, 2014, 207, 599-613.	5.2	60
16	Novel FXXFF and FXXMF Motifs in Androgen Receptor Cofactors Mediate High Affinity and Specific Interactions with the Ligand-binding Domain. Journal of Biological Chemistry, 2006, 281, 19407-19416.	3.4	58
17	Quantitation of Glucocorticoid Receptor DNA-Binding Dynamics by Single-Molecule Microscopy and FRAP. PLoS ONE, 2014, 9, e90532.	2.5	55
18	Comparing Approaches to Normalize, Quantify, and Characterize Urinary Extracellular Vesicles. Journal of the American Society of Nephrology: JASN, 2021, 32, 1210-1226.	6.1	53

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19	Nuclear proteins: finding and binding target sites in chromatin. Chromosome Research, 2011, 19, 83-98.	2.2	44
20	A Natural Androgen Receptor Antagonist Induces Cellular Senescence in Prostate Cancer Cells. Molecular Endocrinology, 2014, 28, 1831-1840.	3.7	36
21	An Engineered IL15 Cytokine Mutein Fused to an Anti-PD1 Improves Intratumoral T-cell Function and Antitumor Immunity. Cancer Immunology Research, 2021, 9, 1141-1157.	3.4	33
22	Three-dimensional analysis reveals two major architectural subgroups of prostate cancer growth patterns. Modern Pathology, 2019, 32, 1032-1041.	5.5	30
23	TRiC controls transcription resumption after UV damage by regulating Cockayne syndrome protein A. Nature Communications, 2018, 9, 1040.	12.8	27
24	FRAP and FRET Methods to Study Nuclear Receptors in Living Cells. Methods in Molecular Biology, 2009, 505, 69-96.	0.9	25
25	Nephron mass determines the excretion rate of urinary extracellular vesicles. Journal of Extracellular Vesicles, 2022, 11, e12181.	12.2	25
26	Modelling immune cytotoxicity for cholangiocarcinoma with tumour-derived organoids and effector T cells. British Journal of Cancer, 2022, 127, 649-660.	6.4	23
27	Essential role for Gata2 in modulating lineage output from hematopoietic stem cells in zebrafish. Blood Advances, 2021, 5, 2687-2700.	5.2	21
28	DNA damage-induced transcription stress triggers the genome-wide degradation of promoter-bound Pol II. Nature Communications, 2022, 13, .	12.8	21
29	The androgen receptor depends on ligandâ€binding domain dimerization for transcriptional activation. EMBO Reports, 2021, 22, e52764.	4.5	20
30	Androgen receptor complexes probe DNA for recognition sequences by short random interactions. Journal of Cell Science, 2014, 127, 1406-16.	2.0	18
31	The Non-Coding Transcriptome of Prostate Cancer: Implications for Clinical Practice. Molecular Diagnosis and Therapy, 2017, 21, 385-400.	3.8	18
32	Detection of tumor-derived extracellular vesicles in plasma from patients with solid cancer. BMC Cancer, 2021, 21, 315.	2.6	18
33	Human branching cholangiocyte organoids recapitulate functional bile duct formation. Cell Stem Cell, 2022, 29, 776-794.e13.	11.1	17
34	Analysis of Biomolecular Dynamics by FRAP and Computer Simulation. Methods in Molecular Biology, 2015, 1251, 109-133.	0.9	16
35	Uptake and subcellular distribution of radiolabeled polymersomes for radiotherapy. Nanotheranostics, 2020, 4, 14-25.	5.2	15
36	SMARCAD1-mediated active replication fork stability maintains genome integrity. Science Advances, 2021, 7, .	10.3	15

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37	A bypass mechanism of abirateroneâ€resistant prostate cancer: Accumulating CYP17A1 substrates activate androgen receptor signaling. Prostate, 2019, 79, 937-948.	2.3	14
38	Halogen-substituted anthranilic acid derivatives provide a novel chemical platform for androgen receptor antagonists. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 59-70.	2.5	14
39	A novel mutation F826L in the human androgen receptor in partial androgen insensitivity syndrome; increased NH2-/COOH-terminal domain interaction and TIF2 co-activation. Molecular and Cellular Endocrinology, 2008, 292, 69-78.	3.2	12
40	Androgen receptor mutations modulate activation by 11-oxygenated androgens and glucocorticoids. Prostate Cancer and Prostatic Diseases, 2023, 26, 293-301.	3.9	12
41	Insulator speckles associated with long-distance chromatin contacts. Biology Open, 2016, 5, 1266-1274.	1.2	11
42	Threeâ€dimensional architecture of common benign and precancerous prostate epithelial lesions. Histopathology, 2019, 74, 1036-1044.	2.9	11
43	Transcription-coupled nucleotide excision repair is coordinated by ubiquitin and SUMO in response to ultraviolet irradiation. Nucleic Acids Research, 2020, 48, 231-248.	14.5	10
44	Modeling Prostate Cancer Treatment Responses in the Organoid Era: 3D Environment Impacts Drug Testing. Biomolecules, 2021, 11, 1572.	4.0	10
45	A multiâ€parameter imaging assay identifies different stages of ligandâ€induced androgen receptor activation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83, 806-817.	1.5	8
46	Repetitive switching between DNA binding modes enables target finding by the glucocorticoid receptor. Journal of Cell Science, 2019, 132, .	2.0	8
47	Deregulated microRNAs in neurofibromatosis type 1 derived malignant peripheral nerve sheath tumors. Scientific Reports, 2020, 10, 2927.	3.3	8
48	Mutation and drug-specific intracellular accumulation of EGFR predict clinical responses to tyrosine kinase inhibitors. EBioMedicine, 2020, 56, 102796.	6.1	7
49	DNA binding alters ARv7 dimer interactions. Journal of Cell Science, 2021, 134, .	2.0	7
50	Continued androgen signalling inhibition improves cabazitaxel efficacy in prostate cancer. EBioMedicine, 2021, 73, 103681.	6.1	6
51	Combined transmission, dark field and fluorescence microscopy for intact, 3D tissue analysis of biopsies. Journal of Biomedical Optics, 2020, 25, .	2.6	3
52	Combined transmission, dark field and fluorescence microscopy for intact, 3D tissue analysis of biopsies. Journal of Biomedical Optics, 2020, 25, .	2.6	1