

Jimmy Van den Eynden

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

964
citations

430874

18
h-index

477307

29
g-index

38
all docs

38
docs citations

38
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of anatomy based reconstruction for partial volume correction in brain FDG-PET. <i>NeuroImage</i> , 2004, 23, 305-317.	4.2	113
2	Glycine and glycine receptor signalling in non-neuronal cells. <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 9.	2.9	69
3	Recurrent promoter mutations in melanoma are defined by an extended context-specific mutational signature. <i>PLoS Genetics</i> , 2017, 13, e1006773.	3.5	67
4	Elevated pyrimidine dimer formation at distinct genomic bases underlies promoter mutation hotspots in UV-exposed cancers. <i>PLoS Genetics</i> , 2018, 14, e1007849.	3.5	60
5	Lack of detectable neoantigen depletion signals in the untreated cancer genome. <i>Nature Genetics</i> , 2019, 51, 1741-1748.	21.4	59
6	Pan-cancer transcriptomic analysis associates long non-coding RNAs with key mutational driver events. <i>Nature Communications</i> , 2016, 7, 13197.	12.8	54
7	Dopamine transporter SPECT using fast kinetic ligands: 123I-FP-Î²-CIT versus 99mTc-TRODAT-1. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1119-1127.	6.4	52
8	Clinical response of the novel activating ALK-I1171T mutation in neuroblastoma to the ALK inhibitor ceritinib. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a002550.	1.2	47
9	Targeting Filamin A Reduces Macrophage Activity and Atherosclerosis. <i>Circulation</i> , 2019, 140, 67-79.	1.6	38
10	The inhibitory neurotransmitter glycine modulates macrophage activity by activation of neutral amino acid transporters. <i>Journal of Neuroscience Research</i> , 2010, 88, 2420-2430.	2.9	36
11	SomlnaClust: detection of cancer genes based on somatic mutation patterns of inactivation and clustering. <i>BMC Bioinformatics</i> , 2015, 16, 125.	2.6	36
12	Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. <i>Science Signaling</i> , 2018, 11, .	3.6	36
13	Dorsal Unpaired Median Neurons of <i>Locusta migratoria</i> Express Ivermectin- and Fipronil-Sensitive Glutamate-Gated Chloride Channels. <i>Journal of Neurophysiology</i> , 2007, 97, 2642-2650.	1.8	35
14	ALK ligand ALKAL2 potentiates MYCN-driven neuroblastoma in the absence of <i>ALK</i> mutation. <i>EMBO Journal</i> , 2021, 40, e105784.	7.8	35
15	Mutational Signatures Are Critical for Proper Estimation of Purifying Selection Pressures in Cancer Somatic Mutation Data When Using the dN/dS Metric. <i>Frontiers in Genetics</i> , 2017, 8, 74.	2.3	33
16	Simultaneous discovery of cancer subtypes and subtype features by molecular data integration. <i>Bioinformatics</i> , 2016, 32, i445-i454.	4.1	25
17	11q Deletion or ALK Activity Curbs DLC2 Expression to Maintain an Undifferentiated State in Neuroblastoma. <i>Cell Reports</i> , 2020, 32, 108171.	6.4	25
18	Pathway Relevance Ranking for Tumor Samples through Network-Based Data Integration. <i>PLoS ONE</i> , 2015, 10, e0133503.	2.5	24

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19	Somatic Mutation Patterns in Hemizygous Genomic Regions Unveil Purifying Selection during Tumor Evolution. <i>PLoS Genetics</i> , 2016, 12, e1006506.	3.5	24
20	ATR inhibition enables complete tumour regression in ALK-driven NB mouse models. <i>Nature Communications</i> , 2021, 12, 6813.	12.8	21
21	Low immunogenicity of common cancer hot spot mutations resulting in false immunogenic selection signals. <i>PLoS Genetics</i> , 2021, 17, e1009368.	3.5	19
22	Separating positional noise from neutral alignment in multicomponent statistical shape models. <i>Bone Reports</i> , 2020, 12, 100243.	0.4	8
23	An antisense RNA capable of modulating the expression of the tumor suppressor microRNA-34a. <i>Cell Death and Disease</i> , 2018, 9, 736.	6.3	7
24	The genetic structure of the Belgian population. <i>Human Genomics</i> , 2018, 12, 6.	2.9	7
25	A highly reliable and budget-friendly Peltier-cooled camera for biological fluorescence imaging microscopy. <i>Journal of Microscopy</i> , 2007, 228, 264-271.	1.8	6
26	Glycine enhances microglial intracellular calcium signaling. A role for sodium-coupled neutral amino acid transporters. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 461, 481-491.	2.8	6
27	Loss of RET Promotes Mesenchymal Identity in Neuroblastoma Cells. <i>Cancers</i> , 2021, 13, 1909.	3.7	6
28	Pharmacologic RNA splicing modulation: a novel mechanism to enhance neoantigen-directed anti-tumor immunity and immunotherapy response. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 373.	17.1	3
29	Network-Based Analysis to Identify Drivers of Metastatic Prostate Cancer Using GoNetic. <i>Cancers</i> , 2021, 13, 5291.	3.7	2
30	A clinically annotated post-mortem approach to study multi-organ somatic mutational clonality in normal tissues. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
31	BelPHG-21: a pilot study on genetic variability in the Belgian population. <i>European Journal of Public Health</i> , 2017, 27, .	0.3	0
32	Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. <i>Annals of Oncology</i> , 2019, 30, i6.	1.2	0
33	11q Deletion or ALK Activity Curbs DLC2 Expression to Maintain an Undifferentiated State in Neuroblastoma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0