Jimmy Van den Eynden

List of Publications by Year
in descending order

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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	A clinically annotated post-mortem approach to study multi-organ somatic mutational clonality in normal tissues. Scientific Reports, 2022, 12, .	3.3	2
2	ALK ligand ALKAL2 potentiates MYCNâ€driven neuroblastoma in the absence of ALK mutation. EMBO Journal, 2021, 40, e105784.	7.8	35
3	Low immunogenicity of common cancer hot spot mutations resulting in false immunogenic selection signals. PLoS Genetics, 2021, 17, e1009368.	3.5	19
4	Loss of RET Promotes Mesenchymal Identity in Neuroblastoma Cells. Cancers, 2021, 13, 1909.	3.7	6
5	Network-Based Analysis to Identify Drivers of Metastatic Prostate Cancer Using GoNetic. Cancers, 2021, 13, 5291.	3.7	2
6	Pharmacologic RNA splicing modulation: a novel mechanism to enhance neoantigen-directed anti-tumor immunity and immunotherapy response. Signal Transduction and Targeted Therapy, 2021, 6, 373.	17.1	3
7	ATR inhibition enables complete tumour regression in ALK-driven NB mouse models. Nature Communications, 2021, 12, 6813.	12.8	21
8	11q Deletion or ALK Activity Curbs DLG2 Expression to Maintain an Undifferentiated State in Neuroblastoma. Cell Reports, 2020, 32, 108171.	6.4	25
9	Separating positional noise from neutral alignment in multicomponent statistical shape models. Bone Reports, 2020, 12, 100243.	0.4	8
10	Targeting Filamin A Reduces Macrophage Activity and Atherosclerosis. Circulation, 2019, 140, 67-79.	1.6	38
11	Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. Annals of Oncology, 2019, 30, i6.	1.2	0
12	Lack of detectable neoantigen depletion signals in the untreated cancer genome. Nature Genetics, 2019, 51, 1741-1748.	21.4	59
13	Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. Science Signaling, 2018, 11, .	3.6	36
14	Elevated pyrimidine dimer formation at distinct genomic bases underlies promoter mutation hotspots in UV-exposed cancers. PLoS Genetics, 2018, 14, e1007849.	3.5	60
15	An antisense RNA capable of modulating the expression of the tumor suppressor microRNA-34a. Cell Death and Disease, 2018, 9, 736.	6.3	7
16	The genetic structure of the Belgian population. Human Genomics, 2018, 12, 6.	2.9	7
17	Clinical response of the novel activating ALK-I1171T mutation in neuroblastoma to the ALK inhibitor ceritinib. Journal of Physical Education and Sports Management, 2018, 4, a002550.	1.2	47
18	Mutational Signatures Are Critical for Proper Estimation of Purifying Selection Pressures in Cancer Somatic Mutation Data When Using the dN/dS Metric. Frontiers in Genetics, 2017, 8, 74.	2.3	33

#	Article	IF	Citations
19	BelPHG-21: a pilot study on genetic variability in the Belgian population. European Journal of Public Health, 2017, 27, .	0.3	0
20	Recurrent promoter mutations in melanoma are defined by an extended context-specific mutational signature. PLoS Genetics, 2017, 13, e1006773.	3.5	67
21	Simultaneous discovery of cancer subtypes and subtype features by molecular data integration. Bioinformatics, 2016, 32, i445-i454.	4.1	25
22	Pan-cancer transcriptomic analysis associates long non-coding RNAs with key mutational driver events. Nature Communications, 2016, 7, 13197.	12.8	54
23	Somatic Mutation Patterns in Hemizygous Genomic Regions Unveil Purifying Selection during Tumor Evolution. PLoS Genetics, 2016, 12, e1006506.	3.5	24
24	Pathway Relevance Ranking for Tumor Samples through Network-Based Data Integration. PLoS ONE, 2015, 10, e0133503.	2.5	24
25	SomInaClust: detection of cancer genes based on somatic mutation patterns of inactivation and clustering. BMC Bioinformatics, 2015, 16, 125.	2.6	36
26	Glycine enhances microglial intracellular calcium signaling. A role for sodium-coupled neutral amino acid transporters. Pflugers Archiv European Journal of Physiology, 2011, 461, 481-491.	2.8	6
27	The inhibitory neurotransmitter glycine modulates macrophage activity by activation of neutral amino acid transporters. Journal of Neuroscience Research, 2010, 88, 2420-2430.	2.9	36
28	Glycine and glycine receptor signalling in non-neuronal cells. Frontiers in Molecular Neuroscience, 2009, 2, 9.	2.9	69
29	Dorsal Unpaired Median Neurons of Locusta migratoria Express Ivermectin- and Fipronil-Sensitive Glutamate-Gated Chloride Channels. Journal of Neurophysiology, 2007, 97, 2642-2650.	1.8	35
30	A highly reliable and budget-friendly Peltier-cooled camera for biological fluorescence imaging microscopy. Journal of Microscopy, 2007, 228, 264-271.	1.8	6
31	Dopamine transporter SPECT using fast kinetic ligands: 123I-FP-Î²-CIT versus 99mTc-TRODAT-1. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1119-1127.	6.4	52
32	Evaluation of anatomy based reconstruction for partial volume correction in brain FDG-PET. NeuroImage, 2004, 23, 305-317.	4.2	113
33	11q Deletion or ALK Activity Curbs DLG2 Expression to Maintain an Undifferentiated State in Neuroblastoma. SSRN Electronic Journal, 0, , .	0.4	0