

Robert N Jorissen

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

7,536
citations

159525

30
h-index

175177

52
g-index

53
all docs

53
docs citations

53
times ranked

12452
citing authors

#	ARTICLE	IF	CITATIONS
1	BindingDB: a web-accessible database of experimentally determined protein-ligand binding affinities. <i>Nucleic Acids Research</i> , 2007, 35, D198-D201.	6.5	1,493
2	Epidermal growth factor receptor: mechanisms of activation and signalling. <i>Experimental Cell Research</i> , 2003, 284, 31-53.	1.2	1,353
3	Crystal Structure of a Truncated Epidermal Growth Factor Receptor Extracellular Domain Bound to Transforming Growth Factor β . <i>Cell</i> , 2002, 110, 763-773.	13.5	686
4	The Crystal Structure of a Truncated ErbB2 Ectodomain Reveals an Active Conformation, Poised to Interact with Other ErbB Receptors. <i>Molecular Cell</i> , 2003, 11, 495-505.	4.5	510
5	Metastasis-Associated Gene Expression Changes Predict Poor Outcomes in Patients with Dukes Stage B and C Colorectal Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 7642-7651.	3.2	395
6	Colorectal Cancer Cell Lines Are Representative Models of the Main Molecular Subtypes of Primary Cancer. <i>Cancer Research</i> , 2014, 74, 3238-3247.	0.4	317
7	<i>SMAD2</i> , <i>SMAD3</i> and <i>SMAD4</i> Mutations in Colorectal Cancer. <i>Cancer Research</i> , 2013, 73, 725-735.	0.4	260
8	Virtual Screening of Molecular Databases Using a Support Vector Machine. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 549-561.	2.5	241
9	Optimizing targeted therapeutic development: Analysis of a colorectal cancer patient population with the BRAF ^{V600E} mutation. <i>International Journal of Cancer</i> , 2011, 128, 2075-2084.	2.3	200
10	<i>KRAS</i> Mutation Is Associated with Lung Metastasis in Patients with Curatively Resected Colorectal Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 1122-1130.	3.2	193
11	<i>BRAF</i> ^{V600E} Mutant Colorectal Cancer Subtypes Based on Gene Expression. <i>Clinical Cancer Research</i> , 2017, 23, 104-115.	3.2	167
12	A statistical approach for detecting genomic aberrations in heterogeneous tumor samples from single nucleotide polymorphism genotyping data. <i>Genome Biology</i> , 2010, 11, R92.	3.8	125
13	Survival in stage II/III colorectal cancer is independently predicted by chromosomal and microsatellite instability, but not by specific driver mutations. <i>American Journal of Gastroenterology</i> , 2013, 108, 1785-1793.	0.2	120
14	Different APC genotypes in proximal and distal sporadic colorectal cancers suggest distinct WNT/ β -catenin signalling thresholds for tumourigenesis. <i>Oncogene</i> , 2013, 32, 4675-4682.	2.6	117
15	The transcription cofactor c-JUN mediates phenotype switching and BRAF inhibitor resistance in melanoma. <i>Science Signaling</i> , 2015, 8, ra82.	1.6	114
16	<i>PIK3CA</i> and <i>PTEN</i> Gene and Exon Mutation-Specific Clinicopathologic and Molecular Associations in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 3285-3296.	3.2	107
17	PHLDA1 Expression Marks the Putative Epithelial Stem Cells and Contributes to Intestinal Tumorigenesis. <i>Cancer Research</i> , 2011, 71, 3709-3719.	0.4	86
18	Identification of a Determinant of Epidermal Growth Factor Receptor Ligand-Binding Specificity Using a Truncated, High-Affinity Form of the Ectodomain. <i>Biochemistry</i> , 2001, 40, 8930-8939.	1.2	85

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19	DNA Copy-Number Alterations Underlie Gene Expression Differences between Microsatellite Stable and Unstable Colorectal Cancers. <i>Clinical Cancer Research</i> , 2008, 14, 8061-8069.	3.2	84
20	CR1/CR2 Interactions Modulate the Functions of the Cell Surface Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 22387-22398.	1.6	75
21	Partial inhibition of gp130-Jak-Stat3 signaling prevents Wnt β -catenin-mediated intestinal tumor growth and regeneration. <i>Science Signaling</i> , 2014, 7, ra92.	1.6	68
22	Stoichiometry, Kinetic and Binding Analysis of the Interaction between Epidermal Growth Factor (EGF) and the Extracellular Domain of the EGF Receptor. <i>Growth Factors</i> , 2000, 18, 11-29.	0.5	67
23	The K252a Derivatives, Inhibitors for the PAK/MLK Kinase Family, Selectively Block the Growth of HAS Transformants. <i>Cancer Journal (Sudbury, Mass)</i> , 2002, 8, 328-336.	1.0	65
24	Colorectal Cancer Cell Line Proteomes Are Representative of Primary Tumors and Predict Drug Sensitivity. <i>Gastroenterology</i> , 2017, 153, 1082-1095.	0.6	55
25	<i>MACROD2</i> Haploinsufficiency Impairs Catalytic Activity of PARP1 and Promotes Chromosome Instability and Growth of Intestinal Tumors. <i>Cancer Discovery</i> , 2018, 8, 988-1005.	7.7	55
26	Nonsense Mediated Decay Resistant Mutations Are a Source of Expressed Mutant Proteins in Colon Cancer Cell Lines with Microsatellite Instability. <i>PLoS ONE</i> , 2010, 5, e16012.	1.1	53
27	Lymphocytic response to tumour and deficient DNA mismatch repair identify subtypes of stage II/III colorectal cancer associated with patient outcomes. <i>Gut</i> , 2019, 68, 465-474.	6.1	52
28	Epidermal growth factor receptor. , 2003, , 33-55.		51
29	Impact of regular aspirin use on overall and cancer-specific survival in patients with colorectal cancer harboring a PIK3CA mutation. <i>Acta Oncologica</i> , 2015, 54, 487-492.	0.8	46
30	Wild-type APC predicts poor prognosis in microsatellite-stable proximal colon cancer. <i>British Journal of Cancer</i> , 2015, 113, 979-988.	2.9	35
31	Structural elements and allosteric mechanisms governing regulation and catalysis of CSK-family kinases and their inhibition of Src-family kinases. <i>Growth Factors</i> , 2010, 28, 329-350.	0.5	34
32	Shapes of Molecules by Millimeter-Wave Spectroscopy: 2-Phenylethanol. <i>Journal of Physical Chemistry A</i> , 1999, 103, 7621-7626.	1.1	27
33	Additivity in the Analysis and Design of HIV Protease Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 737-754.	2.9	23
34	Relative telomere lengths in tumor and normal mucosa are related to disease progression and chromosome instability profiles in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 36474-36488.	0.8	23
35	Characterization of a comparative model of the extracellular domain of the epidermal growth factor receptor. <i>Protein Science</i> , 2000, 9, 310-324.	3.1	21
36	Incidence and predictors of common bile duct stones in patients with acute cholecystitis: a systematic literature review and meta-analysis. <i>ANZ Journal of Surgery</i> , 2020, 90, 1598-1603.	0.3	19

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37	The effect of frailty on outcomes of surgically treated hip fractures in older people. <i>Bone</i> , 2020, 136, 115327.	1.4	16
38	Quantitative threefold allele-specific PCR (QuanTAS-PCR) for highly sensitive JAK2V617F mutant allele detection. <i>BMC Cancer</i> , 2013, 13, 206.	1.1	14
39	Defective Myb Function Ablates Cyclin E1 Expression and Perturbs Intestinal Carcinogenesis. <i>Molecular Cancer Research</i> , 2015, 13, 1185-1196.	1.5	13
40	Effect of Dementia on Outcomes After Surgically Treated Hip Fracture in Older Adults. <i>Journal of Arthroplasty</i> , 2021, 36, 3181-3186.e4.	1.5	13
41	Predictors of short-term hospitalization and emergency department presentations in aged care. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3142-3156.	1.3	9
42	Predictors of hospitalisations and emergency department presentations shortly after entering a residential aged care facility in Australia: a retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e057247.	0.8	9
43	Modeling the Epidermal Growth Factor–Epidermal Growth Factor Receptor L2 Domain Interaction: Implications for the Ligand Binding Process. <i>Journal of Biomolecular Structure and Dynamics</i> , 2002, 19, 961-972.	2.0	8
44	Immunoscore—has it scored for colon cancer precision medicine?. <i>Annals of Translational Medicine</i> , 2018, 6, S23-S23.	0.7	6
45	Trends in utilisation of plain X-rays by older Australians (2010–2019). <i>BMC Geriatrics</i> , 2022, 22, 100.	1.1	6
46	Rapid Microscale Enzymic Semisynthesis of Epidermal Growth Factor (EGF) Analogues. <i>Growth Factors</i> , 2002, 20, 71-80.	0.5	5
47	An integrated knowledge translation approach to address avoidable rehospitalisations and unplanned admissions for older people in South Australia: implementation and evaluation program plan. <i>Implementation Science Communications</i> , 2021, 2, 36.	0.8	4
48	National spending and uptake of mobile radiology services in aged care facilities: an opportunity to improve access remains. <i>Internal Medicine Journal</i> , 2021, 51, 2157-2159.	0.5	3
49	Hospitalizations Before and After Entry Into Long-Term Care. <i>Journal of the American Medical Directors Association</i> , 2022, , .	1.2	2
50	Virtual Screening of Molecular Databases Using a Support Vector Machine.. <i>ChemInform</i> , 2005, 36, no.	0.1	1
51	Evaluation of the transferability of survival calculators for stage II/III colon cancer across healthcare systems. <i>International Journal of Cancer</i> , 2019, 145, 132-142.	2.3	1
52	Hospitalisation for lower respiratory viral infections in older people in residential aged care facilities. <i>Australasian Journal on Ageing</i> , 2021, , .	0.4	1