

David J Kwiatkowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

430
papers

47,674
citations

121
h-index

211
g-index

455
ext. papers

54,192
ext. citations

10
avg, IF

7.02
L-index

#	Paper	IF	Citations
430	Down-regulation of the brain-specific cell-adhesion molecule contactin-3 in tuberous sclerosis complex during the early postnatal period.. <i>Journal of Neurodevelopmental Disorders</i> , 2022 , 14, 8	4.6	0
429	FGFR2/3 genomic alterations and response to Enfortumab Vedotin in metastatic urothelial carcinoma.. <i>BJUI Compass</i> , 2022 , 3, 169-172	0.9	1
428	Biomarker-Based Phase II Study of Sapanisertib (TAK-228): An mTORC1/2 Inhibitor in Patients With Refractory Metastatic Renal Cell Carcinoma.. <i>JCO Precision Oncology</i> , 2022 , 6, e2100448	3.6	1
427	Variation in targetable genomic alterations in non-small cell lung cancer by genetic ancestry, sex, smoking history, and histology.. <i>Genome Medicine</i> , 2022 , 14, 39	14.4	1
426	A tissue-bioengineering strategy for modeling rare human kidney diseases in vivo. <i>Nature Communications</i> , 2021 , 12, 6496	17.4	2
425	-Sirolimus for Patients With Malignant Perivascular Epithelioid Cell Tumors. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3660-3670	2.2	10
424	Early epileptiform EEG activity in infants with tuberous sclerosis complex predicts epilepsy and neurodevelopmental outcomes. <i>Epilepsia</i> , 2021 , 62, 1208-1219	6.4	5
423	Tertiary lymphoid structure score: a promising approach to refine the TNM staging in resected non-small cell lung cancer. <i>British Journal of Cancer</i> , 2021 , 124, 1680-1689	8.7	11
422	Phase II Clinical Trial of Everolimus in a Pan-Cancer Cohort of Patients with mTOR Pathway Alterations. <i>Clinical Cancer Research</i> , 2021 , 27, 3845-3853	12.9	5
421	Evaluation of Hsp90 and mTOR inhibitors as potential drugs for the treatment of TSC1/TSC2 deficient cancer. <i>PLoS ONE</i> , 2021 , 16, e0248380	3.7	0
420	Lymphangioliomyomatosis Association with Underlying Genotype in Patients with Tuberous Sclerosis Complex. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 815-819	4.7	4
419	Alterations and Response to Immunotherapy in Solid Tumors. <i>Clinical Cancer Research</i> , 2021 , 27, 4025-4035	12.9	6
418	MicroRNA-34a activation in tuberous sclerosis complex during early brain development may lead to impaired corticogenesis. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 796-811	5.2	1
417	Results of quantitative EEG analysis are associated with autism spectrum disorder and development abnormalities in infants with tuberous sclerosis complex. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102658	4.9	1
416	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. <i>Modern Pathology</i> , 2021 , 34, 264-279	9.8	1
415	MITF is a driver oncogene and potential therapeutic target in kidney angiomyolipoma tumors through transcriptional regulation of CYR61. <i>Oncogene</i> , 2021 , 40, 112-126	9.2	6
414	Prevention of Epilepsy in Infants with Tuberous Sclerosis Complex in the EPISTOP Trial. <i>Annals of Neurology</i> , 2021 , 89, 304-314	9.4	52

413	Distribution of Somatic Mutations across Race, Sex, and Cancer Type. <i>New England Journal of Medicine</i> , 2021 , 384, 185-187	59.2	27
412	Gene therapy for tuberous sclerosis complex type 2 in a mouse model by delivery of AAV9 encoding a condensed form of tuberin. <i>Science Advances</i> , 2021 , 7,	14.3	7
411	Therapeutic Targeting of DGKA-Mediated Macropinocytosis Leads to Phospholipid Reprogramming in Tuberous Sclerosis Complex. <i>Cancer Research</i> , 2021 , 81, 2086-2100	10.1	1
410	Whole-genome characterization of lung adenocarcinomas lacking the RTK/RAS/RAF pathway. <i>Cell Reports</i> , 2021 , 34, 108707	10.6	7
409	Trans-ethnic variation in germline variants of patients with renal cell carcinoma. <i>Cell Reports</i> , 2021 , 34, 108926	10.6	3
408	RAF1 amplification drives a subset of bladder tumors and confers sensitivity to MAPK-directed therapeutics. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
407	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. <i>Pediatric Neurology</i> , 2021 , 123, 50-66	2.9	33
406	CDH1 germline variants are enriched in patients with colorectal cancer, gastric cancer, and breast cancer.. <i>British Journal of Cancer</i> , 2021 ,	8.7	5
405	Prediction of Neurodevelopment in Infants With Tuberous Sclerosis Complex Using Early EEG Characteristics. <i>Frontiers in Neurology</i> , 2020 , 11, 582891	4.1	5
404	TSC2 pathogenic variants are predictive of severe clinical manifestations in TSC infants: results of the EPISTOP study. <i>Genetics in Medicine</i> , 2020 , 22, 1489-1497	8.1	22
403	Celecoxib in lymphangioliomyomatosis: results of a phase I clinical trial. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	3
402	Single-Cell Transcriptomic Analysis Identifies a Unique Pulmonary Lymphangioliomyomatosis Cell. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1373-1387	10.2	14
401	Plasma cell-free DNA variant analysis compared with methylated DNA analysis in renal cell carcinoma. <i>Genetics in Medicine</i> , 2020 , 22, 1366-1373	8.1	21
400	Mammalian SWI/SNF Complex Genomic Alterations and Immune Checkpoint Blockade in Solid Tumors. <i>Cancer Immunology Research</i> , 2020 , 8, 1075-1084	12.5	21
399	A diagnostic algorithm for enhanced detection of mosaic tuberous sclerosis complex in adults. <i>British Journal of Dermatology</i> , 2020 , 182, 235-237	4	3
398	Mutations and Response to Rapalogs in Patients with Metastatic Renal Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 690-696	6.1	7
397	A model combining clinical and genomic factors to predict response to PD-1/PD-L1 blockade in advanced urothelial carcinoma. <i>British Journal of Cancer</i> , 2020 , 122, 555-563	8.7	28
396	Prevalence of pathogenic germline cancer risk variants in high-risk urothelial carcinoma. <i>Genetics in Medicine</i> , 2020 , 22, 709-718	8.1	17

395	Myelin Pathology Beyond White Matter in Tuberous Sclerosis Complex (TSC) Cortical Tubers. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020 , 79, 1054-1064	3.1	9
394	Round Robin Evaluation of MET Protein Expression in Lung Adenocarcinomas Improves Interobserver Concordance. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 669-677 ¹⁻⁹		1
393	Genomic Predictors of Good Outcome, Recurrence, or Progression in High-Grade T1 Non-Muscle-Invasive Bladder Cancer. <i>Cancer Research</i> , 2020 , 80, 4476-4486	10.1	20
392	Is autism driven by epilepsy in infants with Tuberous Sclerosis Complex?. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1371-1381	5.3	10
391	A Consensus Molecular Classification of Muscle-invasive Bladder Cancer. <i>European Urology</i> , 2020 , 77, 420-433	10.2	309
390	Long-Term Therapeutic Efficacy of Intravenous AAV-Mediated Hamartin Replacement in Mouse Model of Tuberous Sclerosis Type 1. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 15, 18-26	6.4	9
389	Tumors with TSC mutations are sensitive to CDK7 inhibition through NRF2 and glutathione depletion. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2635-2652	16.6	10
388	Phenotypic distinctions between mosaic forms of tuberous sclerosis complex. <i>Genetics in Medicine</i> , 2019 , 21, 2594-2604	8.1	16
387	Early Clinical Predictors of Autism Spectrum Disorder in Infants with Tuberous Sclerosis Complex: Results from the EPISTOP Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	25
386	Low-level mosaicism in tuberous sclerosis complex: prevalence, clinical features, and risk of disease transmission. <i>Genetics in Medicine</i> , 2019 , 21, 2639-2643	8.1	21
385	Long-term, prospective study evaluating clinical and molecular biomarkers of epileptogenesis in a genetic model of epilepsy in tuberous sclerosis complex. <i>Impact</i> , 2019 , 2019, 6-9	0.3	4
384	The Codon 72 Polymorphism Contributes to TSC Tumorigenesis through the Notch-Nodal Axis. <i>Molecular Cancer Research</i> , 2019 , 17, 1639-1651	6.6	2
383	Genetic Etiologies, Diagnosis, and Treatment of Tuberous Sclerosis Complex. <i>Annual Review of Genomics and Human Genetics</i> , 2019 , 20, 217-240	9.7	42
382	Characteristics and Outcomes of Patients With Metastatic KRAS-Mutant Lung Adenocarcinomas: The Lung Cancer Mutation Consortium Experience. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 876-889	8.9	74
381	The Cancer Genome Atlas Expression Subtypes Stratify Response to Checkpoint Inhibition in Advanced Urothelial Cancer and Identify a Subset of Patients with High Survival Probability. <i>European Urology</i> , 2019 , 75, 961-964	10.2	69
380	MET IHC Is a Poor Screen for MET Amplification or MET Exon 14 Mutations in Lung Adenocarcinomas: Data from a Tri-Institutional Cohort of the Lung Cancer Mutation Consortium. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 1666-1671	8.9	45
379	MCL1 and DEDD Promote Urothelial Carcinoma Progression. <i>Molecular Cancer Research</i> , 2019 , 17, 1294-1304	13.0	2
378	Generalised mosaicism for mutation in isolated lymphangiomyomatosis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	1

377	Facing Uncertainty. <i>New England Journal of Medicine</i> , 2019 , 381, 2253-2259	59.2	2
376	Mutational Analysis of 472 Urothelial Carcinoma Across Grades and Anatomic Sites. <i>Clinical Cancer Research</i> , 2019 , 25, 2458-2470	12.9	52
375	TSC2 regulates microRNA biogenesis via mTORC1 and GSK3 β . <i>Human Molecular Genetics</i> , 2018 , 27, 1654-1663	15.6	11
374	RAS-MAPK Reactivation Facilitates Acquired Resistance in EGFR-Amplified Lung Cancer and Underlies a Rationale for Upfront FGFR-MEK Blockade. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 1526-1539	6.1	27
373	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. <i>Cell Reports</i> , 2018 , 23, 313-326.e5	10.6	295
372	Updated Molecular Testing Guideline for the Selection of Lung Cancer Patients for Treatment With Targeted Tyrosine Kinase Inhibitors: Guideline From the College of American Pathologists, the International Association for the Study of Lung Cancer, and the Association for Molecular Pathology. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 323-356	8.9	241
371	Pan-Cancer Molecular Classes Transcending Tumor Lineage Across 32 Cancer Types, Multiple Data Platforms, and over 10,000 Cases. <i>Clinical Cancer Research</i> , 2018 , 24, 2182-2193	12.9	49
370	Updated Molecular Testing Guideline for the Selection of Lung Cancer Patients for Treatment With Targeted Tyrosine Kinase Inhibitors: Guideline From the College of American Pathologists, the International Association for the Study of Lung Cancer, and the Association for Molecular Pathology. <i>Journal of Molecular Diagnostics</i> , 2018 , 20, 129-159	5.1	165
369	Assessment of Resistance Mechanisms and Clinical Implications in Patients With EGFR T790M-Positive Lung Cancer and Acquired Resistance to Osimertinib. <i>JAMA Oncology</i> , 2018 , 4, 1527-1534	13.4	342
368	A novel mouse model of hemangiopericytoma due to loss of Tsc2. <i>Human Molecular Genetics</i> , 2018 , 27, 4169-4175	5.6	2
367	Impairment of gamma-glutamyl transferase 1 activity in the metabolic pathogenesis of chromophobe renal cell carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6274-E6282	11.5	32
366	mGluR5 Modulation of Behavioral and Epileptic Phenotypes in a Mouse Model of Tuberous Sclerosis Complex. <i>Neuropsychopharmacology</i> , 2018 , 43, 1457-1465	8.7	16
365	The Impact of Smoking and TP53 Mutations in Lung Adenocarcinoma Patients with Targetable Mutations-The Lung Cancer Mutation Consortium (LCMC2). <i>Clinical Cancer Research</i> , 2018 , 24, 1038-1047	12.9	100
364	Enrichment of FGFR3-TACC3 Fusions in Patients With Bladder Cancer Who Are Young, Asian, or Have Never Smoked. <i>JCO Precision Oncology</i> , 2018 , 2,	3.6	1
363	Sequential Response to Inhibition With Subsequent Exceptional Response to Atezolizumab in a Patient With Fusion-Positive Metastatic Urothelial Carcinoma. <i>JCO Precision Oncology</i> , 2018 , 2,	3.6	
362	Mechanisms of acquired resistance to rapalogs in metastatic renal cell carcinoma. <i>PLoS Genetics</i> , 2018 , 14, e1007679	6	8
361	Integrative Molecular Characterization of Malignant Pleural Mesothelioma. <i>Cancer Discovery</i> , 2018 , 8, 1548-1565	24.4	258
360	Comprehensive Genomic Profiling of Metastatic Tumors in a Phase 2 Biomarker Study of Everolimus in Advanced Renal Cell Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2018 , 16, 341-348	3.3	4

359	Inhibition of MAPK pathway is essential for suppressing Rheb-Y35N driven tumor growth. <i>Oncogene</i> , 2017 , 36, 756-765	9.2	11
358	A Pan-Cancer Proteogenomic Atlas of PI3K/AKT/mTOR Pathway Alterations. <i>Cancer Cell</i> , 2017 , 31, 820-832.e3	24.3	286
357	Lkb1 inactivation drives lung cancer lineage switching governed by Polycomb Repressive Complex 2. <i>Nature Communications</i> , 2017 , 8, 14922	17.4	47
356	Comprehensive Molecular Characterization of Muscle-Invasive Bladder Cancer. <i>Cell</i> , 2017 , 171, 540-556.e25	9.2	961
355	mTORC1 Couples Nucleotide Synthesis to Nucleotide Demand Resulting in a Targetable Metabolic Vulnerability. <i>Cancer Cell</i> , 2017 , 32, 624-638.e5	24.3	73
354	Human Pluripotent Stem Cell-Derived -Haploinsufficient Smooth Muscle Cells Recapitulate Features of Lymphangi leiomyomatosis. <i>Cancer Research</i> , 2017 , 77, 5491-5502	10.1	22
353	Genomic Activation of Reveals a Candidate Therapeutic Axis in Bladder Cancer. <i>Cancer Research</i> , 2017 , 77, 6987-6998	10.1	34
352	Coding and small non-coding transcriptional landscape of tuberous sclerosis complex cortical tubers: implications for pathophysiology and treatment. <i>Scientific Reports</i> , 2017 , 7, 8089	4.9	32
351	Tuberin Regulates Prostaglandin Receptor-Mediated Viability, via Rheb, in mTORC1-Hyperactive Cells. <i>Molecular Cancer Research</i> , 2017 , 15, 1318-1330	6.6	6
350	Notch transactivates Rheb to maintain the multipotency of TSC-null cells. <i>Nature Communications</i> , 2017 , 8, 1848	17.4	11
349	Apparent Sporadic Lymphangi leiomyomatosis in a Man as a Result of Extreme Mosaicism for a TSC2 Mutation. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1227-1229	4.7	4
348	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. <i>Cell Reports</i> , 2017 , 21, 3754-3766	10.6	143
347	Subependymal giant cell astrocytomas in Tuberous Sclerosis Complex have consistent biallelic inactivation, and no mutations. <i>Oncotarget</i> , 2017 , 8, 95516-95529	3.3	34
346	Tuberous sclerosis complex inactivation disrupts melanogenesis via mTORC1 activation. <i>Journal of Clinical Investigation</i> , 2017 , 127, 349-364	15.9	35
345	Rapamycin-induced miR-21 promotes mitochondrial homeostasis and adaptation in mTORC1 activated cells. <i>Oncotarget</i> , 2017 , 8, 64714-64727	3.3	13
344	Seizures in tuberous sclerosis complex: hitting the target. <i>Lancet, The</i> , 2016 , 388, 2062-2064	4.0	4
343	Pancreatic PEComa is a novel member of the family of tuberous sclerosis complex-associated tumors: case report and review of the literature. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016 , 469, 707-710	5.1	11
342	Summary and Recommendations from the National Cancer Institute's Clinical Trials Planning Meeting on Novel Therapeutics for Non-Muscle Invasive Bladder Cancer. <i>Bladder Cancer</i> , 2016 , 2, 165-202 ¹		22

341	Whole-Exome Sequencing in Two Extreme Phenotypes of Response to VEGF-Targeted Therapies in Patients With Metastatic Clear Cell Renal Cell Carcinoma. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2016 , 14, 820-4	7.3	26
340	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016 , 14, 2476-89	10.6	228
339	Nipple Angiofibromas with Loss of TSC2 Are Associated with Tuberous Sclerosis Complex. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 535-538	4.3	6
338	Mutations in TSC1, TSC2, and MTOR Are Associated with Response to Rapalogs in Patients with Metastatic Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2016 , 22, 2445-2452	12.9	150
337	Institutional implementation of clinical tumor profiling on an unselected cancer population. <i>JCI Insight</i> , 2016 , 1, e87062	9.9	245
336	Whole Exome Sequencing Identifies TSC1/TSC2 Biallelic Loss as the Primary and Sufficient Driver Event for Renal Angiomyolipoma Development. <i>PLoS Genetics</i> , 2016 , 12, e1006242	6	62
335	Analysis of a Mouse Skin Model of Tuberous Sclerosis Complex. <i>PLoS ONE</i> , 2016 , 11, e0167384	3.7	1
334	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. <i>Pediatric Neurology</i> , 2016 , 60, 1-12	2.9	34
333	Pharmacogenomic Markers of Targeted Therapy Toxicity in Patients with Metastatic Renal Cell Carcinoma. <i>European Urology Focus</i> , 2016 , 2, 633-639	5.1	9
332	Distinct patterns of somatic genome alterations in lung adenocarcinomas and squamous cell carcinomas. <i>Nature Genetics</i> , 2016 , 48, 607-16	36.3	613
331	Somatic ERCC2 mutations are associated with a distinct genomic signature in urothelial tumors. <i>Nature Genetics</i> , 2016 , 48, 600-606	36.3	238
330	Mammalian target of rapamycin pathway mutations cause hemimegalencephaly and focal cortical dysplasia. <i>Annals of Neurology</i> , 2015 , 77, 720-5	9.4	183
329	Targeted deletion of Tsc1 causes fatal cardiomyocyte hyperplasia independently of afterload. <i>Cardiovascular Pathology</i> , 2015 , 24, 80-93	3.8	3
328	Response to everolimus is seen in TSC-associated SEGAs and angiomyolipomas independent of mutation type and site in TSC1 and TSC2. <i>European Journal of Human Genetics</i> , 2015 , 23, 1665-72	5.3	22
327	Survival benefit and phenotypic improvement by hamartin gene therapy in a tuberous sclerosis mouse brain model. <i>Neurobiology of Disease</i> , 2015 , 82, 22-31	7.5	12
326	Clinicopathologic features and outcomes of patients with lung adenocarcinomas harboring BRAF mutations in the Lung Cancer Mutation Consortium. <i>Cancer</i> , 2015 , 121, 448-56	6.4	77
325	An APOBEC3A hypermutation signature is distinguishable from the signature of background mutagenesis by APOBEC3B in human cancers. <i>Nature Genetics</i> , 2015 , 47, 1067-72	36.3	238
324	Invasive Bladder Cancer: Genomic Insights and Therapeutic Promise. <i>Clinical Cancer Research</i> , 2015 , 21, 4514-24	12.9	85

323	Brain-expressed X-linked 2 Is Pivotal for Hyperactive Mechanistic Target of Rapamycin (mTOR)-mediated Tumorigenesis. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25756-65	5.4	20
322	Combined CDKN1A/TP53 mutation in bladder cancer is a therapeutic target. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 174-82	6.1	19
321	Update on The Cancer Genome Atlas Project on Muscle-invasive Bladder Cancer. <i>European Urology Focus</i> , 2015 , 1, 94-95	5.1	4
320	Mosaic and Intronic Mutations in TSC1/TSC2 Explain the Majority of TSC Patients with No Mutation Identified by Conventional Testing. <i>PLoS Genetics</i> , 2015 , 11, e1005637	6	142
319	Molecular biology of bladder cancer. <i>Hematology/Oncology Clinics of North America</i> , 2015 , 29, 191-203, vii	3.1	25
318	A vascular model of Tsc1 deficiency accelerates renal tumor formation with accompanying hemangiosarcomas. <i>Molecular Cancer Research</i> , 2015 , 13, 548-55	6.6	8
317	Tuberous sclerosis complex neuropathology requires glutamate-cysteine ligase. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 48	7.3	13
316	Multi-institutional Oncogenic Driver Mutation Analysis in Lung Adenocarcinoma: The Lung Cancer Mutation Consortium Experience. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 768-777	8.9	242
315	mTOR Inhibitors in Cancer: What Can We Learn from Exceptional Responses?. <i>EBioMedicine</i> , 2015 , 2, 2-4	8.8	9
314	A shower of second hit events as the cause of multifocal renal cell carcinoma in tuberous sclerosis complex. <i>Human Molecular Genetics</i> , 2015 , 24, 1836-42	5.6	39
313	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. <i>Human Molecular Genetics</i> , 2014 , 23, 3865-74	5.6	73
312	Estradiol and mTORC2 cooperate to enhance prostaglandin biosynthesis and tumorigenesis in TSC2-deficient LAM cells. <i>Journal of Experimental Medicine</i> , 2014 , 211, 15-28	16.6	53
311	Regulation of YAP by mTOR and autophagy reveals a therapeutic target of tuberous sclerosis complex. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2249-63	16.6	134
310	The somatic genomic landscape of chromophobe renal cell carcinoma. <i>Cancer Cell</i> , 2014 , 26, 319-330	24.3	521
309	Response and acquired resistance to everolimus in anaplastic thyroid cancer. <i>New England Journal of Medicine</i> , 2014 , 371, 1426-33	59.2	237
308	Coordinated regulation of protein synthesis and degradation by mTORC1. <i>Nature</i> , 2014 , 513, 440-3	50.4	224
307	Molecular basis of giant cells in tuberous sclerosis complex. <i>New England Journal of Medicine</i> , 2014 , 371, 778-80	59.2	37
306	Rapamycin-resistant poly (ADP-ribose) polymerase-1 overexpression is a potential therapeutic target in lymphangioleiomyomatosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 51, 738-49	5.7	10

305	Sun exposure causes somatic second-hit mutations and angiofibroma development in tuberous sclerosis complex. <i>Human Molecular Genetics</i> , 2014 , 23, 2023-9	5.6	59
304	Integrative analysis of 1q23.3 copy-number gain in metastatic urothelial carcinoma. <i>Clinical Cancer Research</i> , 2014 , 20, 1873-83	12.9	38
303	Pivotal role of augmented B-crystallin in tumor development induced by deficient TSC1/2 complex. <i>Oncogene</i> , 2014 , 33, 4352-8	9.2	7
302	Tsc1-Tp53 loss induces mesothelioma in mice, and evidence for this mechanism in human mesothelioma. <i>Oncogene</i> , 2014 , 33, 3151-60	9.2	21
301	Using multiplexed assays of oncogenic drivers in lung cancers to select targeted drugs. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1998-2006	27.4	1042
300	Autophagy-dependent metabolic reprogramming sensitizes TSC2-deficient cells to the antimetabolite 6-aminonicotinamide. <i>Molecular Cancer Research</i> , 2014 , 12, 48-57	6.6	42
299	Renal cell carcinoma in tuberous sclerosis complex. <i>American Journal of Surgical Pathology</i> , 2014 , 38, 895-909	6.7	147
298	Rapamycin-insensitive up-regulation of adipocyte phospholipase A2 in tuberous sclerosis and lymphangioleiomyomatosis. <i>PLoS ONE</i> , 2014 , 9, e104809	3.7	10
297	Tuberous sclerosis complex diagnostic criteria update: recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013 , 49, 243-54	2.9	916
296	Tuberous sclerosis complex surveillance and management: recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013 , 49, 255-65	2.9	553
295	Prenatal rapamycin results in early and late behavioral abnormalities in wildtype C57BL/6 mice. <i>Behavior Genetics</i> , 2013 , 43, 51-9	3.2	34
294	A biomarker for lymphangioleiomyomatosis. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 424-5	35.1	
293	Identification of nine genomic regions of amplification in urothelial carcinoma, correlation with stage, and potential prognostic and therapeutic value. <i>PLoS ONE</i> , 2013 , 8, e60927	3.7	24
292	Exonic mutations of TSC2/TSC1 are common but not seen in all sporadic pulmonary lymphangioleiomyomatosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 663-5	10.2	53
291	Molecular testing guideline for selection of lung cancer patients for EGFR and ALK tyrosine kinase inhibitors: guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. <i>Journal of Molecular Diagnostics</i> , 2013 , 15, 415-53	5.1	340
290	Extrarenal perivascular epithelioid cell tumors (PEComas) respond to mTOR inhibition: clinical and molecular correlates. <i>International Journal of Cancer</i> , 2013 , 132, 1711-7	7.5	91
289	Molecular testing guideline for selection of lung cancer patients for EGFR and ALK tyrosine kinase inhibitors: guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. <i>Journal of Thoracic Oncology</i> , 2013 , 8, 823-59	8.9	632
288	Molecular dissection of AKT activation in lung cancer cell lines. <i>Molecular Cancer Research</i> , 2013 , 11, 282-98	9.8	24

287	Metabolic and functional genomic studies identify deoxythymidylate kinase as a target in LKB1-mutant lung cancer. <i>Cancer Discovery</i> , 2013 , 3, 870-9	24.4	93
286	Equivalent benefit of rapamycin and a potent mTOR ATP-competitive inhibitor, MLN0128 (INK128), in a mouse model of tuberous sclerosis. <i>Molecular Cancer Research</i> , 2013 , 11, 467-73	6.6	30
285	TSC1 involvement in bladder cancer: diverse effects and therapeutic implications. <i>Journal of Pathology</i> , 2013 , 230, 17-27	9.4	41
284	Stochastic model of Tsc1 lesions in mouse brain. <i>PLoS ONE</i> , 2013 , 8, e64224	3.7	12
283	Targeting Molecular Aberrations in Urothelial Carcinoma: Are We Almost There?. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2013 , 195-199	3.1	2
282	The introduction of systematic genomic testing for patients with non-small-cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2012 , 7, 1767-1774	8.9	80
281	TBC1D7 is a third subunit of the TSC1-TSC2 complex upstream of mTORC1. <i>Molecular Cell</i> , 2012 , 47, 535-546	4.6	403
280	Mapping the hallmarks of lung adenocarcinoma with massively parallel sequencing. <i>Cell</i> , 2012 , 150, 1107-1120	20	1304
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