

Kevin J Spring

List of Publications by Citations

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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.

43
papers

3,288
citations

24
h-index

45
g-index

45
ext. papers

3,558
ext. citations

8.4
avg, IF

4.17
L-index

#	Paper	IF	Citations
43	High prevalence of sessile serrated adenomas with BRAF mutations: a prospective study of patients undergoing colonoscopy. <i>Gastroenterology</i> , 2006 , 131, 1400-7	13.3	453
42	Interaction between ATM protein and c-Abl in response to DNA damage. <i>Nature</i> , 1997 , 387, 520-3	50.4	418
41	ATM-dependent phosphorylation of nibrin in response to radiation exposure. <i>Nature Genetics</i> , 2000 , 25, 115-9	36.3	412
40	Mice heterozygous for mutation in <i>Atm</i> , the gene involved in ataxia-telangiectasia, have heightened susceptibility to cancer. <i>Nature Genetics</i> , 2002 , 32, 185-90	36.3	278
39	Caffeine abolishes the mammalian G(2)/M DNA damage checkpoint by inhibiting ataxia-telangiectasia-mutated kinase activity. <i>Journal of Biological Chemistry</i> , 2000 , 275, 10342-8	5.4	219
38	Cellular localisation of the ataxia-telangiectasia (ATM) gene product and discrimination between mutated and normal forms. <i>Oncogene</i> , 1997 , 14, 1911-21	9.2	158
37	Localization of a portion of extranuclear ATM to peroxisomes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34277-82	5.4	146
36	Rapidly characterizing the fast dynamics of RNA genetic circuitry with cell-free transcription-translation (TX-TL) systems. <i>ACS Synthetic Biology</i> , 2015 , 4, 503-15	5.7	121
35	Evidence for BRAF mutation and variable levels of microsatellite instability in a syndrome of familial colorectal cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2005 , 3, 254-63	6.9	113
34	Transactivation-deficient p73alpha (p73Deltaexon2) inhibits apoptosis and competes with p53. <i>Oncogene</i> , 2001 , 20, 514-22	9.2	109
33	Oxidative stress is responsible for deficient survival and dendritogenesis in purkinje neurons from ataxia-telangiectasia mutated mutant mice. <i>Journal of Neuroscience</i> , 2003 , 23, 11453-60	6.6	108
32	Relationship of the ataxia-telangiectasia protein ATM to phosphoinositide 3-kinase. <i>Trends in Biochemical Sciences</i> , 1995 , 20, 382-3	10.3	76
31	Role of inherited defects of MYH in the development of sporadic colorectal cancer. <i>Genes Chromosomes and Cancer</i> , 2004 , 40, 1-9	5	75
30	Phenotype and polyp landscape in serrated polyposis syndrome: a series of 100 patients from genetics clinics. <i>American Journal of Surgical Pathology</i> , 2012 , 36, 876-82	6.7	73
29	Bone morphogenic protein 3 inactivation is an early and frequent event in colorectal cancer development. <i>Genes Chromosomes and Cancer</i> , 2008 , 47, 449-60	5	70
28	Immunohistochemical testing of conventional adenomas for loss of expression of mismatch repair proteins in Lynch syndrome mutation carriers: a case series from the Australasian site of the colon cancer family registry. <i>Modern Pathology</i> , 2012 , 25, 722-30	9.8	61
27	The Potential Value of Immunotherapy in Colorectal Cancers: Review of the Evidence for Programmed Death-1 Inhibitor Therapy. <i>Clinical Colorectal Cancer</i> , 2016 , 15, 285-291	3.8	59

26	Oncogenic BRAF mutation induces DNA methylation changes in a murine model for human serrated colorectal neoplasia. <i>Epigenetics</i> , 2018 , 13, 40-48	5.7	34
25	The CIMP Phenotype in BRAF Mutant Serrated Polyps from a Prospective Colonoscopy Patient Cohort. <i>Gastroenterology Research and Practice</i> , 2014 , 2014, 374926	2	33
24	Defective signaling through the B cell antigen receptor in Epstein-Barr virus-transformed ataxia-telangiectasia cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 9489-95	5.4	32
23	Hypermethylation of HPP1 is associated with hMLH1 hypermethylation in gastric adenocarcinomas. <i>Cancer Research</i> , 2002 , 62, 5637-40	10.1	30
22	Predictive and prognostic value of circulating tumor cell detection in lung cancer: a clinician's perspective. <i>Critical Reviews in Oncology/Hematology</i> , 2015 , 93, 90-102	7	28
21	New frontiers in circulating tumor cell analysis: A reference guide for biomolecular profiling toward translational clinical use. <i>International Journal of Cancer</i> , 2014 , 134, 2523-33	7.5	27
20	Heterogeneity of miR-10b expression in circulating tumor cells. <i>Scientific Reports</i> , 2015 , 5, 15980	4.9	25
19	Essential developmental, genomic stability, and tumour suppressor functions of the mouse orthologue of hSSB1/NABP2. <i>PLoS Genetics</i> , 2013 , 9, e1003298	6	23
18	Mutation searching in colorectal cancer studies: experience with a denaturing high-pressure liquid chromatography system for exon-by-exon scanning of tumour suppressor genes. <i>Pathology</i> , 2002 , 34, 529-33	1.6	17
17	Novel STAT binding elements mediate IL-6 regulation of MMP-1 and MMP-3. <i>Scientific Reports</i> , 2017 , 7, 8526	4.9	14
16	Biobank classification in an Australian setting. <i>Biopreservation and Biobanking</i> , 2015 , 13, 212-8	2.1	11
15	A critical analysis of cancer biobank practices in relation to biospecimen quality. <i>Biophysical Reviews</i> , 2015 , 7, 369-378	3.7	10
14	Neutrophil-lymphocyte ratio in acute ischemic stroke: Immunopathology, management, and prognosis. <i>Acta Neurologica Scandinavica</i> , 2021 , 144, 486-499	3.8	9
13	Micro RNA Expression after Ingestion of Fucoidan; A Clinical Study. <i>Marine Drugs</i> , 2020 , 18,	6	8
12	Preparative scale purification of recombinant proteins to clinical grade by isotachopheresis. <i>Nature Biotechnology</i> , 1995 , 13, 1498-1503	44.5	8
11	Characterisation of colonic dysplasia-like epithelial atypia in murine colitis. <i>World Journal of Gastroenterology</i> , 2016 , 22, 8334-8348	5.6	6
10	Rate of dissemination and prognosis in early and advanced stage colorectal cancer based on microsatellite instability status: systematic review and meta-analysis. <i>International Journal of Colorectal Disease</i> , 2021 , 36, 1573-1596	3	5
9	Association Between Microsatellite Instability Status and Peri-Operative Release of Circulating Tumour Cells in Colorectal Cancer. <i>Cells</i> , 2020 , 9,	7.9	4

8	Upregulation of FasL and apoptosis in thymic lymphomas in Atm knock-in mice. <i>Toxicology</i> , 2002 , 181-182, 483-9	4.4	4
7	Circulating tumour cells in regionally metastatic cutaneous squamous cell carcinoma: A pilot study. <i>Oncotarget</i> , 2016 , 7, 47111-47115	3.3	4
6	Current status on microsatellite instability, prognosis and adjuvant therapy in colon cancer: A nationwide survey of medical oncologists, colorectal surgeons and gastrointestinal pathologists. <i>Cancer Reports</i> , 2021 , 4, e1297	1.5	4
5	Optimising Prehospital Pathways to Improve Acute Stroke Reperfusion Therapy Delivery: Systems-Based Approaches. <i>SN Comprehensive Clinical Medicine</i> , 2021 , 3, 2558	2.7	0
4	Cytotoxic CD8+ T cells and tissue resident memory cells in colorectal cancer based on microsatellite instability and BRAF status. <i>World Journal of Clinical Oncology</i> , 2021 , 12, 238-248	2.5	0
3	Considerations for the selection of tests for SARS-CoV-2 molecular diagnostics.. <i>Molecular Biology Reports</i> , 2022 , 1	2.8	0
2	Role of Neutrophil-Lymphocyte Ratio in the Prognosis of Acute Ischaemic Stroke After Reperfusion Therapy: A Systematic Review and Meta-analysis.. <i>Journal of Central Nervous System Disease</i> , 2022 , 14, 11795735221092518	4.4	0
1	Radioresistant Burkitt's lymphoma cells exhibit defective MAPK signalling. <i>Drug Development Research</i> , 2001 , 52, 534-541	5.1	