

Pancras C.W. Hogendoorn

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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.

382
papers

25,735
citations

87
h-index

142
g-index

393
ext. papers

28,901
ext. citations

6.3
avg, IF

6.49
L-index

#	Paper	IF	Citations
382	Progression-free survival in gastrointestinal stromal tumours with high-dose imatinib: randomised trial. <i>Lancet, The</i> , 2004 , 364, 1127-34	40	1354
381	IDH1 and IDH2 mutations are frequent events in central chondrosarcoma and central and periosteal chondromas but not in other mesenchymal tumours. <i>Journal of Pathology</i> , 2011 , 224, 334-43	9.4	690
380	Doxorubicin alone versus intensified doxorubicin plus ifosfamide for first-line treatment of advanced or metastatic soft-tissue sarcoma: a randomised controlled phase 3 trial. <i>Lancet Oncology, The</i> , 2014 , 15, 415-23	21.7	629
379	Sarcoma derived from cultured mesenchymal stem cells. <i>Stem Cells</i> , 2007 , 25, 371-9	5.8	544
378	Consensus meeting for the management of gastrointestinal stromal tumors. Report of the GIST Consensus Conference of 20-21 March 2004, under the auspices of ESMO. <i>Annals of Oncology</i> , 2005 , 16, 566-78	10.3	518
377	The clinical approach towards chondrosarcoma. <i>Oncologist</i> , 2008 , 13, 320-9	5.7	488
376	Lymphopenia as a prognostic factor for overall survival in advanced carcinomas, sarcomas, and lymphomas. <i>Cancer Research</i> , 2009 , 69, 5383-91	10.1	465
375	Imatinib mesylate (STI-571 Glivec [®] , Gleevec [®]) is an active agent for gastrointestinal stromal tumours, but does not yield responses in other soft-tissue sarcomas that are unselected for a molecular target. <i>European Journal of Cancer</i> , 2003 , 39, 2006-2011	7.5	339
374	Chemotherapeutic adjuvant treatment for osteosarcoma: where do we stand?. <i>European Journal of Cancer</i> , 2011 , 47, 2431-45	7.5	324
373	Adjuvant chemotherapy with doxorubicin, ifosfamide, and lenograstim for resected soft-tissue sarcoma (EORTC 62931): a multicentre randomised controlled trial. <i>Lancet Oncology, The</i> , 2012 , 13, 1045-54	21.7	312
372	Improvement in histologic response but not survival in osteosarcoma patients treated with intensified chemotherapy: a randomized phase III trial of the European Osteosarcoma Intergroup. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 112-28	9.7	285
371	Tumor-infiltrating macrophages are associated with metastasis suppression in high-grade osteosarcoma: a rationale for treatment with macrophage activating agents. <i>Clinical Cancer Research</i> , 2011 , 17, 2110-9	12.9	271
370	Methotrexate, Doxorubicin, and Cisplatin (MAP) Plus Maintenance Pegylated Interferon Alfa-2b Versus MAP Alone in Patients With Resectable High-Grade Osteosarcoma and Good Histologic Response to Preoperative MAP: First Results of the EURAMOS-1 Good Response Randomized Controlled Trial. <i>Journal of Clinical Oncology</i> , 2015 , 33, 2272-81	2.2	260
369	Comparison of MAPIE versus MAP in patients with a poor response to preoperative chemotherapy for newly diagnosed high-grade osteosarcoma (EURAMOS-1): an open-label, international, randomised controlled trial. <i>Lancet Oncology, The</i> , 2016 , 17, 1396-1408	21.7	253
368	Initial and late resistance to imatinib in advanced gastrointestinal stromal tumors are predicted by different prognostic factors: a European Organisation for Research and Treatment of Cancer-Italian Sarcoma Group-Australasian Gastrointestinal Trials Group study. <i>Journal of Clinical Oncology</i> , 2005 , 23, 5725-34	2.2	239
367	Incidence of gastrointestinal stromal tumours is underestimated: results of a nation-wide study. <i>European Journal of Cancer</i> , 2005 , 41, 2868-72	7.5	218
366	Identification of a novel, recurrent HEY1-NCOA2 fusion in mesenchymal chondrosarcoma based on a genome-wide screen of exon-level expression data. <i>Genes Chromosomes and Cancer</i> , 2012 , 51, 127-39	5	215

365	Phase III trial of two investigational schedules of ifosfamide compared with standard-dose doxorubicin in advanced or metastatic soft tissue sarcoma: a European Organisation for Research and Treatment of Cancer Soft Tissue and Bone Sarcoma Group Study. <i>Journal of Clinical Oncology</i> , 2007 , 25, 3144-50	2.2	209
364	Cartilage tumours and bone development: molecular pathology and possible therapeutic targets. <i>Nature Reviews Cancer</i> , 2010 , 10, 481-8	31.3	204
363	Osteosarcoma originates from mesenchymal stem cells in consequence of aneuploidization and genomic loss of Cdkn2. <i>Journal of Pathology</i> , 2009 , 219, 294-305	9.4	200
362	Prognostic and predictive factors for outcome to first-line ifosfamide-containing chemotherapy for adult patients with advanced soft tissue sarcomas: an exploratory, retrospective analysis on large series from the European Organization for Research and Treatment of Cancer-Soft Tissue and Bone Sarcoma Group (EORTC-Soft Tissue and Bone Sarcoma Group). <i>Journal of Clinical Oncology</i> , 2011 , 29, 3173-82	7.5	189
361	Survival and prognosis with osteosarcoma: outcomes in more than 2000 patients in the EURAMOS-1 (European and American Osteosarcoma Study) cohort. <i>European Journal of Cancer</i> , 2019 , 109, 36-50	7.5	180
360	EURAMOS-1, an international randomised study for osteosarcoma: results from pre-randomisation treatment. <i>Annals of Oncology</i> , 2015 , 26, 407-14	10.3	178
359	Paclitaxel in patients with advanced angiosarcomas of soft tissue: a retrospective study of the EORTC soft tissue and bone sarcoma group. <i>European Journal of Cancer</i> , 2008 , 44, 2433-6	7.5	177
358	Assessment of interobserver variability and histologic parameters to improve reliability in classification and grading of central cartilaginous tumors. <i>American Journal of Surgical Pathology</i> , 2009 , 33, 50-7	6.7	176
357	Cartilaginous tumors: fast contrast-enhanced MR imaging. <i>Radiology</i> , 2000 , 214, 539-46	20.5	175
356	EWSR1-CREB1 and EWSR1-ATF1 fusion genes in angiomatoid fibrous histiocytoma. <i>Clinical Cancer Research</i> , 2007 , 13, 7322-8	12.9	170
355	Myxoid tumours of soft tissue. <i>Histopathology</i> , 1999 , 35, 291-312	7.3	167
354	Tumor cell plasticity in Ewing sarcoma, an alternative circulatory system stimulated by hypoxia. <i>Cancer Research</i> , 2005 , 65, 11520-8	10.1	165
353	Impact of EWS-ETS fusion type on disease progression in Ewing's sarcoma/peripheral primitive neuroectodermal tumor: prospective results from the cooperative Euro-E.W.I.N.G. 99 trial. <i>Journal of Clinical Oncology</i> , 2010 , 28, 1982-8	2.2	161
352	The histopathological differential diagnosis of gastrointestinal stromal tumours. <i>Journal of Clinical Pathology</i> , 2001 , 54, 96-102	3.9	160
351	Emerging pathways in the development of chondrosarcoma of bone and implications for targeted treatment. <i>Lancet Oncology</i> , 2005 , 6, 599-607	21.7	155
350	Diffusion-weighted MRI in the characterization of soft-tissue tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2002 , 15, 302-7	5.6	155
349	Soft-tissue tumors: value of static and dynamic gadopentetate dimeglumine-enhanced MR imaging in prediction of malignancy. <i>Radiology</i> , 2004 , 233, 493-502	20.5	154
348	The clinical approach toward giant cell tumor of bone. <i>Oncologist</i> , 2014 , 19, 550-61	5.7	151

347	EXT-mutation analysis and loss of heterozygosity in sporadic and hereditary osteochondromas and secondary chondrosarcomas. <i>American Journal of Human Genetics</i> , 1999 , 65, 689-98	11	151
346	Bone sarcomas: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. <i>Annals of Oncology</i> , 2010 , 21 Suppl 5, v204-13	10.3	149
345	Musculoskeletal tumors: does fast dynamic contrast-enhanced subtraction MR imaging contribute to the characterization?. <i>Radiology</i> , 1998 , 208, 821-8	20.5	147
344	The NFATc2 gene is involved in a novel cloned translocation in a Ewing sarcoma variant that couples its function in immunology to oncology. <i>Clinical Cancer Research</i> , 2009 , 15, 2259-68	12.9	146
343	Usefulness of radiography in differentiating enchondroma from central grade 1 chondrosarcoma. <i>American Journal of Roentgenology</i> , 1997 , 169, 1097-104	5.4	144
342	Osteosarcoma and Ewing's sarcoma after neoadjuvant chemotherapy: value of dynamic MR imaging in detecting viable tumor before surgery. <i>American Journal of Roentgenology</i> , 1995 , 165, 593-8	5.4	141
341	Technical considerations in CT-guided radiofrequency thermal ablation of osteoid osteoma: tricks of the trade. <i>American Journal of Roentgenology</i> , 2002 , 179, 1633-42	5.4	140
340	Frequent truncating mutations of STAG2 in bladder cancer. <i>Nature Genetics</i> , 2013 , 45, 1428-30	36.3	139
339	Cartilaginous tumors: correlation of gadolinium-enhanced MR imaging and histopathologic findings. <i>Radiology</i> , 1993 , 186, 813-7	20.5	139
338	Survival from high-grade localised extremity osteosarcoma: combined results and prognostic factors from three European Osteosarcoma Intergroup randomised controlled trials. <i>Annals of Oncology</i> , 2012 , 23, 1607-16	10.3	138
337	Role of the transcription factor T (brachyury) in the pathogenesis of sporadic chordoma: a genetic and functional-based study. <i>Journal of Pathology</i> , 2011 , 223, 327-35	9.4	137
336	DOG1 and CD117 are the antibodies of choice in the diagnosis of gastrointestinal stromal tumours. <i>Histopathology</i> , 2010 , 57, 259-70	7.3	136
335	A phase 2 trial of R1507, a monoclonal antibody to the insulin-like growth factor-1 receptor (IGF-1R), in patients with recurrent or refractory rhabdomyosarcoma, osteosarcoma, synovial sarcoma, and other soft tissue sarcomas: results of a Sarcoma Alliance for Research Through Collaboration study. <i>Cancer</i> , 2014 , 120, 2448-56	6.4	133
334	Inactive Wnt/beta-catenin pathway in conventional high-grade osteosarcoma. <i>Journal of Pathology</i> , 2010 , 220, 24-33	9.4	132
333	Does the histological subtype of high-grade central osteosarcoma influence the response to treatment with chemotherapy and does it affect overall survival? A study on 570 patients of two consecutive trials of the European Osteosarcoma Intergroup. <i>European Journal of Cancer</i> , 2002 , 38, 1218-25	7.5	131
332	Functional characterization of osteosarcoma cell lines provides representative models to study the human disease. <i>Laboratory Investigation</i> , 2011 , 91, 1195-205	5.9	130
331	Somatic loss of maternal chromosome 11 causes parent-of-origin-dependent inheritance in SDHD-linked paraganglioma and pheochromocytoma families. <i>Oncogene</i> , 2004 , 23, 4076-83	9.2	127
330	Incidence, predictive factors, and prognosis of chondrosarcoma in patients with Ollier disease and Maffucci syndrome: an international multicenter study of 161 patients. <i>Oncologist</i> , 2011 , 16, 1771-9	5.7	126

329	First-line chemotherapy for malignant peripheral nerve sheath tumor (MPNST) versus other histological soft tissue sarcoma subtypes and as a prognostic factor for MPNST: an EORTC soft tissue and bone sarcoma group study. <i>Annals of Oncology</i> , 2011 , 22, 207-214	10.3	125
328	Molecular characterization of commonly used cell lines for bone tumor research: a trans-European EuroBoNet effort. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 40-51	5	124
327	Up-regulation of PTHrP and Bcl-2 expression characterizes the progression of osteochondroma towards peripheral chondrosarcoma and is a late event in central chondrosarcoma. <i>Laboratory Investigation</i> , 2000 , 80, 1925-34	5.9	122
326	Loss of H3K27 tri-methylation is a diagnostic marker for malignant peripheral nerve sheath tumors and an indicator for an inferior survival. <i>Modern Pathology</i> , 2016 , 29, 582-90	9.8	120
325	Aberrant chemokine receptor expression and chemokine production by Langerhans cells underlies the pathogenesis of Langerhans cell histiocytosis. <i>Journal of Experimental Medicine</i> , 2003 , 197, 1385-90	16.6	120
324	Preoperative evaluation and monitoring chemotherapy in patients with high-grade osteogenic and Ewing's sarcoma: review of current imaging modalities. <i>Skeletal Radiology</i> , 1998 , 27, 57-71	2.7	117
323	A nation-wide study comparing sporadic and familial adenomatous polyposis-related desmoid-type fibromatoses. <i>International Journal of Cancer</i> , 2011 , 129, 256-61	7.5	113
322	Local recurrence of myxofibrosarcoma is associated with increase in tumour grade and cytogenetic aberrations, suggesting a multistep tumour progression model. <i>Modern Pathology</i> , 2006 , 19, 407-16	9.8	113
321	Langerhans-cell histiocytosis 'insight into DC biology'. <i>Trends in Immunology</i> , 2003 , 24, 190-6	14.4	113
320	Dynamic contrast-enhanced MR imaging of musculoskeletal tumors: basic principles and clinical applications. <i>Journal of Magnetic Resonance Imaging</i> , 1996 , 6, 311-21	5.6	110
319	Malignant melanoma is genetically distinct from clear cell sarcoma of tendons and aponeurosis (malignant melanoma of soft parts). <i>British Journal of Cancer</i> , 2001 , 84, 535-8	8.7	108
318	Primary non-Hodgkin's lymphoma of bone: a clinicopathological investigation of 60 cases. <i>Leukemia</i> , 1999 , 13, 2094-8	10.7	108
317	Imaging mass spectrometry statistical analysis. <i>Journal of Proteomics</i> , 2012 , 75, 4962-4989	3.9	105
316	Opening the archives for state of the art tumour genetic research: sample processing for array-CGH using decalcified, formalin-fixed, paraffin-embedded tissue-derived DNA samples. <i>BMC Research Notes</i> , 2011 , 4, 1	2.3	105
315	Sclerostin in mineralized matrices and van Buchem disease. <i>Journal of Dental Research</i> , 2009 , 88, 569-74	8.1	105
314	Cathepsin K is the principal protease in giant cell tumor of bone. <i>American Journal of Pathology</i> , 2004 , 165, 593-600	5.8	101
313	Identification of markers to characterize and sort human articular chondrocytes with enhanced in vitro chondrogenic capacity. <i>Arthritis and Rheumatism</i> , 2007 , 56, 586-95		100
312	Bisphosphonate treatment of aggressive primary, recurrent and metastatic Giant Cell Tumour of Bone. <i>BMC Cancer</i> , 2010 , 10, 462	4.8	99

311	NK cells recognize and lyse Ewing sarcoma cells through NKG2D and DNAM-1 receptor dependent pathways. <i>Molecular Immunology</i> , 2008 , 45, 3917-25	4.3	99
310	Gemcitabine in advanced adult soft-tissue sarcomas. A phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. <i>European Journal of Cancer</i> , 2002 , 38, 556-9	7.5	99
309	Pro-inflammatory chemokine-chemokine receptor interactions within the Ewing sarcoma microenvironment determine CD8(+) T-lymphocyte infiltration and affect tumour progression. <i>Journal of Pathology</i> , 2011 , 223, 347-57	9.4	97
308	Doxorubicin-based adjuvant chemotherapy in soft tissue sarcoma: pooled analysis of two STBSG-EORTC phase III clinical trials. <i>Annals of Oncology</i> , 2014 , 25, 2425-2432	10.3	96
307	De novo discovery of phenotypic intratumour heterogeneity using imaging mass spectrometry. <i>Journal of Pathology</i> , 2015 , 235, 3-13	9.4	95
306	Results of a phase II pilot study of moderate dose radiotherapy for inoperable desmoid-type fibromatosis--an EORTC STBSG and ROG study (EORTC 62991-22998). <i>Annals of Oncology</i> , 2013 , 24, 2672-2676	10.2	94
305	Survival after recurrent osteosarcoma: data from 3 European Osteosarcoma Intergroup (EOI) randomized controlled trials. <i>European Journal of Cancer</i> , 2011 , 47, 895-902	7.5	93
304	Kinome profiling of chondrosarcoma reveals SRC-pathway activity and dasatinib as option for treatment. <i>Cancer Research</i> , 2009 , 69, 6216-22	10.1	93
303	Presence of osteoclast-like multinucleated giant cells in the bone and nonostotic lesions of Langerhans cell histiocytosis. <i>Journal of Experimental Medicine</i> , 2005 , 201, 687-93	16.6	93
302	Frequent deletion of the CDKN2A locus in chordoma: analysis of chromosomal imbalances using array comparative genomic hybridisation. <i>British Journal of Cancer</i> , 2008 , 98, 434-42	8.7	92
301	Transactivating mutation of the MYOD1 gene is a frequent event in adult spindle cell rhabdomyosarcoma. <i>Journal of Pathology</i> , 2014 , 232, 300-7	9.4	91
300	Genome-wide transcriptome analyses reveal p53 inactivation mediated loss of miR-34a expression in malignant peripheral nerve sheath tumours. <i>Journal of Pathology</i> , 2010 , 220, 58-70	9.4	91
299	Concise review: mesenchymal tumors: when stem cells go mad. <i>Stem Cells</i> , 2011 , 29, 397-403	5.8	89
298	Imaging mass spectrometry of myxoid sarcomas identifies proteins and lipids specific to tumour type and grade, and reveals biochemical intratumour heterogeneity. <i>Journal of Pathology</i> , 2010 , 222, 400-9	9.4	89
297	Ten-Year Progression-Free and Overall Survival in Patients With Unresectable or Metastatic GI Stromal Tumors: Long-Term Analysis of the European Organisation for Research and Treatment of Cancer, Italian Sarcoma Group, and Australasian Gastrointestinal Trials Group Intergroup Phase III Randomized Trial on Imatinib at Two Dose Levels. <i>Journal of Clinical Oncology</i> , 2017 , 35, 1713-1720	2.2	88
296	The role of EXT1 in nonhereditary osteochondroma: identification of homozygous deletions. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 396-406	9.7	87
295	Identification of osteosarcoma driver genes by integrative analysis of copy number and gene expression data. <i>Genes Chromosomes and Cancer</i> , 2012 , 51, 696-706	5	85
294	Multiple statistical analysis techniques corroborate intratumor heterogeneity in imaging mass spectrometry datasets of myxofibrosarcoma. <i>PLoS ONE</i> , 2011 , 6, e24913	3.7	84

293	Absence of IHH and retention of PTHrP signalling in enchondromas and central chondrosarcomas. <i>Journal of Pathology</i> , 2005 , 205, 476-82	9.4	84
292	The role of epidermal growth factor receptor in chordoma pathogenesis: a potential therapeutic target. <i>Journal of Pathology</i> , 2011 , 223, 336-46	9.4	82
291	Expression of ERG, an Ets family transcription factor, identifies ERG-rearranged Ewing sarcoma. <i>Modern Pathology</i> , 2012 , 25, 1378-83	9.8	82
290	MicroRNAs at the human 14q32 locus have prognostic significance in osteosarcoma. <i>Orphanet Journal of Rare Diseases</i> , 2013 , 8, 7	4.2	80
289	Absence of progression as assessed by response evaluation criteria in solid tumors predicts survival in advanced GI stromal tumors treated with imatinib mesylate: the intergroup EORTC-ISG-AGITG phase III trial. <i>Journal of Clinical Oncology</i> , 2009 , 27, 3969-74	2.2	80
288	Anti-EGFR antibody cetuximab enhances the cytolytic activity of natural killer cells toward osteosarcoma. <i>Clinical Cancer Research</i> , 2012 , 18, 432-41	12.9	80
287	Langerhans cell histiocytosis: fascinating dynamics of the dendritic cell-macrophage lineage. <i>Immunological Reviews</i> , 2010 , 234, 213-32	11.3	79
286	SDHD mutations in head and neck paragangliomas result in destabilization of complex II in the mitochondrial respiratory chain with loss of enzymatic activity and abnormal mitochondrial morphology. <i>Journal of Pathology</i> , 2003 , 201, 480-6	9.4	78
285	Imatinib mesylate in patients with WHO B3 thymomas and thymic carcinomas. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 1270-3	8.9	76
284	Nora's lesion, a distinct radiological entity?. <i>Skeletal Radiology</i> , 2006 , 35, 497-502	2.7	76
283	Molecular pathology of sarcomas: concepts and clinical implications. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010 , 456, 193-9	5.1	75
282	Pathology of primary malignant bone and cartilage tumours. <i>International Orthopaedics</i> , 2006 , 30, 437-44	3.8	75
281	MR imaging of clear cell sarcoma (malignant melanoma of the soft parts): a multicenter correlative MRI-pathology study of 21 cases and literature review. <i>Skeletal Radiology</i> , 2000 , 29, 187-95	2.7	75
280	Integrative analysis reveals relationships of genetic and epigenetic alterations in osteosarcoma. <i>PLoS ONE</i> , 2012 , 7, e48262	3.7	75
279	Lymphatics and bone. <i>Human Pathology</i> , 2008 , 39, 49-55	3.7	74
278	Chondroma and chondrosarcoma of the larynx. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2004 , 12, 98-105	2	74
277	1q gain and CDT2 overexpression underlie an aggressive and highly proliferative form of Ewing sarcoma. <i>Oncogene</i> , 2012 , 31, 1287-98	9.2	73
276	Telomere-associated proteins: cross-talk between telomere maintenance and telomere-lengthening mechanisms. <i>Journal of Pathology</i> , 2009 , 217, 327-44	9.4	73

275	Molecular analysis of the INK4A/INK4A-ARF gene locus in conventional (central) chondrosarcomas and enchondromas: indication of an important gene for tumour progression. <i>Journal of Pathology</i> , 2004 , 202, 359-66	9.4	73
274	Multiple primary malignancies in osteosarcoma patients. Incidence and predictive value of osteosarcoma subtype for cancer syndromes related with osteosarcoma. <i>European Journal of Human Genetics</i> , 2003 , 11, 611-8	5.3	73
273	Anti-inflammatory M2 type macrophages characterize metastasized and tyrosine kinase inhibitor-treated gastrointestinal stromal tumors. <i>International Journal of Cancer</i> , 2010 , 127, 899-909	7.5	70
272	Diagnosis and prognosis of chondrosarcoma of bone. <i>Expert Review of Molecular Diagnostics</i> , 2002 , 2, 461-72	3.8	69
271	Molecular pathology and its diagnostic use in bone tumors. <i>Cancer Genetics</i> , 2012 , 205, 193-204	2.3	68
270	Central chondrosarcoma progression is associated with pRb pathway alterations: CDK4 down-regulation and p16 overexpression inhibit cell growth in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2843-52	5.6	68
269	Coactivated platelet-derived growth factor receptor {alpha} and epidermal growth factor receptor are potential therapeutic targets in intimal sarcoma. <i>Cancer Research</i> , 2010 , 70, 7304-14	10.1	67
268	Reduced human leukocyte antigen expression in advanced-stage Ewing sarcoma: implications for immune recognition. <i>Journal of Pathology</i> , 2009 , 218, 222-31	9.4	67
267	Neoadjuvant chemotherapy with doxorubicin and cisplatin in malignant fibrous histiocytoma of bone: A European Osteosarcoma Intergroup study. <i>Journal of Clinical Oncology</i> , 1999 , 17, 3260-9	2.2	67
266	Desmoplastic fibroma of bone: an immunohistochemical study including beta-catenin expression and mutational analysis for beta-catenin. <i>Human Pathology</i> , 2005 , 36, 1025-30	3.7	66
265	Immunostaining of chain-specific keratins on formalin-fixed, paraffin-embedded tissues: a comparison of various antigen retrieval systems using microwave heating and proteolytic pre-treatments. <i>Journal of Histochemistry and Cytochemistry</i> , 1995 , 43, 429-37	3.4	66
264	Adamantinoma of the long bones: keratin subclass immunoreactivity pattern with reference to its histogenesis. <i>American Journal of Surgical Pathology</i> , 1993 , 17, 1225-33	6.7	65
263	Inactivation of SDH and FH cause loss of 5hmC and increased H3K9me3 in paraganglioma/pheochromocytoma and smooth muscle tumors. <i>Oncotarget</i> , 2015 , 6, 38777-88	3.3	65
262	Chemotherapy-resistant osteosarcoma is highly susceptible to IL-15-activated allogeneic and autologous NK cells. <i>Cancer Immunology, Immunotherapy</i> , 2011 , 60, 575-86	7.4	64
261	No genomic aberrations in Langerhans cell histiocytosis as assessed by diverse molecular technologies. <i>Genes Chromosomes and Cancer</i> , 2009 , 48, 239-49	5	63
260	IR/IGF1R signaling as potential target for treatment of high-grade osteosarcoma. <i>BMC Cancer</i> , 2013 , 13, 245	4.8	62
259	Primary cilia organization reflects polarity in the growth plate and implies loss of polarity and mosaicism in osteochondroma. <i>Laboratory Investigation</i> , 2010 , 90, 1091-101	5.9	62
258	Superior performance of liquid-based versus conventional cytology in a population-based cervical cancer screening program. <i>Gynecologic Oncology</i> , 2009 , 112, 572-6	4.9	62

257	Expression profiling of t(12;22) positive clear cell sarcoma of soft tissue cell lines reveals characteristic up-regulation of potential new marker genes including ERBB3. <i>Cancer Research</i> , 2004 , 64, 3395-405	10.1	62
256	Amplification of 17p11.2 approximately p12, including PMP22, TOP3A, and MAPK7, in high-grade osteosarcoma. <i>Cancer Genetics and Cytogenetics</i> , 2002 , 139, 91-6		62
255	Malignant fibrous histiocytoma and fibrosarcoma of bone: a re-assessment in the light of currently employed morphological, immunohistochemical and molecular approaches. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012 , 461, 561-70	5.1	60
254	Peripheral chondrosarcoma progression is accompanied by decreased Indian Hedgehog signalling. <i>Journal of Pathology</i> , 2006 , 209, 501-11	9.4	60
253	Overexpression of the HER-2 oncogene does not play a role in high-grade osteosarcomas. <i>European Journal of Cancer</i> , 2004 , 40, 963-70	7.5	60
252	Expression of cell cycle-related gene products in Langerhans cell histiocytosis. <i>Journal of Pediatric Hematology/Oncology</i> , 2002 , 24, 727-32	1.2	60
251	ECCO Essential Requirements for Quality Cancer Care: Soft Tissue Sarcoma in Adults and Bone Sarcoma. A critical review. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 110, 94-105	7	59
250	No haploinsufficiency but loss of heterozygosity for EXT in multiple osteochondromas. <i>American Journal of Pathology</i> , 2010 , 177, 1946-57	5.8	59
249	Genomic profiling of chondrosarcoma: chromosomal patterns in central and peripheral tumors. <i>Clinical Cancer Research</i> , 2009 , 15, 2685-94	12.9	59
248	Cytogenetic analysis of adamantinoma of long bones: further indications for a common histogenesis with osteofibrous dysplasia. <i>Cancer Genetics and Cytogenetics</i> , 1997 , 97, 5-11		59
247	Genome-wide analyses on high-grade osteosarcoma: making sense of a genomically most unstable tumor. <i>International Journal of Cancer</i> , 2013 , 133, 2512-21	7.5	58
246	Profiling of high-grade central osteosarcoma and its putative progenitor cells identifies tumorigenic pathways. <i>British Journal of Cancer</i> , 2009 , 101, 1909-18	8.7	58
245	Enchondromatosis (Ollier disease, Maffucci syndrome) is not caused by the PTHR1 mutation p.R150C. <i>Human Mutation</i> , 2004 , 24, 466-73	4.7	58
244	Aggressive angiomyxoma: a clinicopathological and immunohistochemical study of 11 cases with long-term follow-up. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005 , 446, 157-63	5.1	57
243	Changes in tumor perfusion induced by chemotherapy in bone sarcomas: color Doppler flow imaging compared with contrast-enhanced MR imaging and three-phase bone scintigraphy. <i>Radiology</i> , 1994 , 191, 421-31	20.5	57
242	Incidence of biopsy-proven bone tumors in children: a report based on the Dutch pathology registration "PALGA". <i>Journal of Pediatric Orthopaedics</i> , 2008 , 28, 29-35	2.4	56
241	Clear cell sarcoma of the stomach. <i>Histopathology</i> , 2002 , 41, 526-30	7.3	56
240	Tumor-associated eosinophilic infiltrate of cervical cancer is indicative for a less effective immune response. <i>Human Pathology</i> , 1996 , 27, 904-11	3.7	56

239	Critical role of endoglin in tumor cell plasticity of Ewing sarcoma and melanoma. <i>Oncogene</i> , 2011 , 30, 334-45	9.2	55
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