

Scott H Kaufmann

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314
papers

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h-index

148
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434
ext. papers

25,967
ext. citations

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avg, IF

6.71
L-index

#	Paper	IF	Citations
314	Mammalian caspases: structure, activation, substrates, and functions during apoptosis. <i>Annual Review of Biochemistry</i> , 1999 , 68, 383-424	29.1	2313
313	PARP inhibition: PARP1 and beyond. <i>Nature Reviews Cancer</i> , 2010 , 10, 293-301	31.3	985
312	Induction of apoptosis by cancer chemotherapy. <i>Experimental Cell Research</i> , 2000 , 256, 42-9	4.2	979
311	Rucaparib in relapsed, platinum-sensitive high-grade ovarian carcinoma (ARIEL2 Part 1): an international, multicentre, open-label, phase 2 trial. <i>Lancet Oncology</i> , 2017 , 18, 75-87	21.7	706
310	Cathepsin B contributes to TNF-alpha-mediated hepatocyte apoptosis by promoting mitochondrial release of cytochrome c. <i>Journal of Clinical Investigation</i> , 2000 , 106, 1127-37	15.9	566
309	Programmed cell death: alive and well in the new millennium. <i>Trends in Cell Biology</i> , 2001 , 11, 526-34	18.3	540
308	The current status of camptothecin analogues as antitumor agents. <i>Journal of the National Cancer Institute</i> , 1993 , 85, 271-91	9.7	512
307	The role of proteases during apoptosis. <i>FASEB Journal</i> , 1996 , 10, 587-97	0.9	491
306	Caspases and caspase inhibitors. <i>Trends in Biochemical Sciences</i> , 1997 , 22, 388-93	10.3	469
305	Phase II trial of single-agent temsirolimus (CCI-779) for relapsed mantle cell lymphoma. <i>Journal of Clinical Oncology</i> , 2005 , 23, 5347-56	2.2	455
304	Toxic bile salts induce rodent hepatocyte apoptosis via direct activation of Fas. <i>Journal of Clinical Investigation</i> , 1999 , 103, 137-45	15.9	425
303	Clinical and biologic activity of the farnesyltransferase inhibitor R115777 in adults with refractory and relapsed acute leukemias: a phase 1 clinical-laboratory correlative trial. <i>Blood</i> , 2001 , 97, 3361-9	2.2	403
302	Nonhomologous end joining drives poly(ADP-ribose) polymerase (PARP) inhibitor lethality in homologous recombination-deficient cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 3406-11	11.5	390
301	Poly (ADP-ribose) polymerase inhibitors: recent advances and future development. <i>Journal of Clinical Oncology</i> , 2015 , 33, 1397-406	2.2	254
300	Comparison of Apoptosis in Wild-Type and Fas-Resistant Cells: Chemotherapy-Induced Apoptosis Is Not Dependent on Fas/Fas Ligand Interactions. <i>Blood</i> , 1997 , 90, 935-943	2.2	242
299	The role of Mcl-1 downregulation in the proapoptotic activity of the multikinase inhibitor BAY 43-9006. <i>Oncogene</i> , 2005 , 24, 6861-9	9.2	240
298	Elevated Expression of the Apoptotic Regulator Mcl-1 at the Time of Leukemic Relapse. <i>Blood</i> , 1998 , 91, 991-1000	2.2	235

297	Considerations in the isolation of rat liver nuclear matrix, nuclear envelope, and pore complex lamina. <i>Experimental Cell Research</i> , 1981 , 132, 105-23	4.2	232
296	Alterations in the apoptotic machinery and their potential role in anticancer drug resistance. <i>Oncogene</i> , 2003 , 22, 7414-30	9.2	228
295	Elevated Expression of the Apoptotic Regulator Mcl-1 at the Time of Leukemic Relapse. <i>Blood</i> , 1998 , 91, 991-1000	2.2	218
294	Cell death induced by topoisomerase-targeted drugs: more questions than answers. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998 , 1400, 195-211		215
293	Synthetic Smac/DIABLO peptides enhance the effects of chemotherapeutic agents by binding XIAP and cIAP1 in situ. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44236-43	5.4	209
292	Mcl-1 mediates tumor necrosis factor-related apoptosis-inducing ligand resistance in human cholangiocarcinoma cells. <i>Cancer Research</i> , 2004 , 64, 3517-24	10.1	197
291	Caspase-6 gene disruption reveals a requirement for lamin A cleavage in apoptotic chromatin condensation. <i>EMBO Journal</i> , 2002 , 21, 1967-77	13	197
290	Loss of HSulf-1 up-regulates heparin-binding growth factor signaling in cancer. <i>Journal of Biological Chemistry</i> , 2003 , 278, 23107-17	5.4	195
289	Secondary Somatic Mutations Restoring and Associated with Acquired Resistance to the PARP Inhibitor Rucaparib in High-Grade Ovarian Carcinoma. <i>Cancer Discovery</i> , 2017 , 7, 984-998	24.4	193
288	Low-dose, single-agent temsirolimus for relapsed mantle cell lymphoma: a phase 2 trial in the North Central Cancer Treatment Group. <i>Cancer</i> , 2008 , 113, 508-14	6.4	193
287	Failure of iniparib to inhibit poly(ADP-Ribose) polymerase in vitro. <i>Clinical Cancer Research</i> , 2012 , 18, 1655-62	12.9	182
286	Interleukin-6 contributes to Mcl-1 up-regulation and TRAIL resistance via an Akt-signaling pathway in cholangiocarcinoma cells. <i>Gastroenterology</i> , 2005 , 128, 2054-65	13.3	182
285	Activation of multiple interleukin-1beta converting enzyme homologues in cytosol and nuclei of HL-60 cells during etoposide-induced apoptosis. <i>Journal of Biological Chemistry</i> , 1997 , 272, 7421-30	5.4	176
284	A phase 2 study of the farnesyltransferase inhibitor tipifarnib in poor-risk and elderly patients with previously untreated acute myelogenous leukemia. <i>Blood</i> , 2007 , 109, 1387-94	2.2	163
283	Phase II study of the farnesyl transferase inhibitor R115777 in patients with advanced non-small-cell lung cancer. <i>Journal of Clinical Oncology</i> , 2003 , 21, 1760-6	2.2	158
282	S phase and G2 arrests induced by topoisomerase I poisons are dependent on ATR kinase function. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1599-606	5.4	156
281	Severe graft-versus-host disease in a liver-transplant recipient. <i>New England Journal of Medicine</i> , 1988 , 318, 689-91	59.2	154
280	Farnesyltransferase inhibitor tipifarnib is well tolerated, induces stabilization of disease, and inhibits farnesylation and oncogenic/tumor survival pathways in patients with advanced multiple myeloma. <i>Blood</i> , 2004 , 103, 3271-7	2.2	150

279	Bile acids induce cyclooxygenase-2 expression via the epidermal growth factor receptor in a human cholangiocarcinoma cell line. <i>Gastroenterology</i> , 2002 , 122, 985-93	13.3	149
278	Apoptosis in cancer: cause and cure. <i>BioEssays</i> , 2000 , 22, 1007-17	4.1	149
277	The erasable Western blot. <i>Analytical Biochemistry</i> , 1987 , 161, 89-95	3.1	149
276	G(1) and G(2) cell-cycle arrest following microtubule depolymerization in human breast cancer cells. <i>Journal of Clinical Investigation</i> , 2002 , 110, 91-9	15.9	145
275	Tumorgrafts as in vivo surrogates for women with ovarian cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 1288-97	12.9	143
274	Cytotoxic effects of topotecan combined with various anticancer agents in human cancer cell lines. <i>Journal of the National Cancer Institute</i> , 1996 , 88, 734-41	9.7	143
273	Reversion Mutations in Circulating Tumor DNA Predict Primary and Acquired Resistance to the PARP Inhibitor Rucaparib in High-Grade Ovarian Carcinoma. <i>Cancer Discovery</i> , 2019 , 9, 210-219	24.4	142
272	Inhibition of histone deacetylase overcomes rapamycin-mediated resistance in diffuse large B-cell lymphoma by inhibiting Akt signaling through mTORC2. <i>Blood</i> , 2009 , 114, 2926-35	2.2	139
271	ATR inhibition broadly sensitizes ovarian cancer cells to chemotherapy independent of BRCA status. <i>Cancer Research</i> , 2013 , 73, 3683-91	10.1	137
270	A candidate tumor suppressor HtrA1 is downregulated in ovarian cancer. <i>Oncogene</i> , 2004 , 23, 1636-44	9.2	133
269	A subset of non-histone nuclear proteins reversibly stabilized by the sulfhydryl cross-linking reagent tetrathionate. Polypeptides of the internal nuclear matrix. <i>Experimental Cell Research</i> , 1984 , 155, 477-95	4.2	133
268	COMMD1 is linked to the WASH complex and regulates endosomal trafficking of the copper transporter ATP7A. <i>Molecular Biology of the Cell</i> , 2015 , 26, 91-103	3.5	130
267	Successful virtual screening of a chemical database for farnesyltransferase inhibitor leads. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 401-8	8.3	124
266	APOBEC3B upregulation and genomic mutation patterns in serous ovarian carcinoma. <i>Cancer Research</i> , 2013 , 73, 7222-31	10.1	123
265	Olaparib and specific PI3K inhibitor alpelisib for patients with epithelial ovarian cancer: a dose-escalation and dose-expansion phase 1b trial. <i>Lancet Oncology</i> , 2019 , 20, 570-580	21.7	118
264	Transient binding of an activator BH3 domain to the Bak BH3-binding groove initiates Bak oligomerization. <i>Journal of Cell Biology</i> , 2011 , 194, 39-48	7.3	116
263	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. <i>Blood</i> , 1997 , 90, 4283-4296	2.2	116
262	Transition from caspase-dependent to caspase-independent mechanisms at the onset of apoptotic execution. <i>Journal of Cell Biology</i> , 1998 , 143, 225-39	7.3	116

261	Methylation of all BRCA1 copies predicts response to the PARP inhibitor rucaparib in ovarian carcinoma. <i>Nature Communications</i> , 2018 , 9, 3970	17.4	111
260	Heat shock protein 90 inhibition sensitizes acute myelogenous leukemia cells to cytarabine. <i>Blood</i> , 2005 , 106, 318-27	2.2	110
259	Caspases 3 and 9 send a pro-apoptotic signal from synapse to cell body in olfactory receptor neurons. <i>Journal of Neuroscience</i> , 2001 , 21, 7099-109	6.6	110
258	Gemcitabine-induced activation of checkpoint signaling pathways that affect tumor cell survival. <i>Molecular Pharmacology</i> , 2005 , 68, 1636-44	4.3	108
257	Chemotherapy-induced apoptosis. <i>Advances in Pharmacology</i> , 1997 , 41, 461-99	5.7	105
256	Serine protease HtrA1 modulates chemotherapy-induced cytotoxicity. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1994-2004	15.9	105
255	Emerging understanding of Bcl-2 biology: Implications for neoplastic progression and treatment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 1658-71	4.9	103
254	Tumor necrosis factor-related apoptosis-inducing ligand activates a lysosomal pathway of apoptosis that is regulated by Bcl-2 proteins. <i>Journal of Biological Chemistry</i> , 2007 , 282, 28960-28970	5.4	103
253	Effects of the Bcr/abl kinase inhibitors STI571 and adaphostin (NSC 680410) on chronic myelogenous leukemia cells in vitro. <i>Blood</i> , 2002 , 99, 664-71	2.2	100
252	Molecular correlates of platinum response in human high-grade serous ovarian cancer patient-derived xenografts. <i>Molecular Oncology</i> , 2014 , 8, 656-68	7.9	97
251	Cytotoxic synergy between the multikinase inhibitor sorafenib and the proteasome inhibitor bortezomib in vitro: induction of apoptosis through Akt and c-Jun NH2-terminal kinase pathways. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 2378-87	6.1	96
250	Mcl-1 as a buffer for proapoptotic Bcl-2 family members during TRAIL-induced apoptosis: a mechanistic basis for sorafenib (Bay 43-9006)-induced TRAIL sensitization. <i>Journal of Biological Chemistry</i> , 2007 , 282, 29831-46	5.4	95
249	Death receptor 5 signaling promotes hepatocyte lipoapoptosis. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39336-48	5.4	93
248	The relationship of the nuclear matrix to cellular structure and function. <i>Advances in Enzyme Regulation</i> , 1978 , 17, 213-48		92
247	Serine 64 phosphorylation enhances the antiapoptotic function of Mcl-1. <i>Journal of Biological Chemistry</i> , 2007 , 282, 18407-18417	5.4	89
246	Human INCENP colocalizes with the Aurora-B/AIRK2 kinase on chromosomes and is overexpressed in tumour cells. <i>Chromosoma</i> , 2001 , 110, 65-74	2.8	89
245	Retention of the human Rad9 checkpoint complex in extraction-resistant nuclear complexes after DNA damage. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26343-8	5.4	88
244	Phase I and pharmacologic trial of cytosine arabinoside with the selective checkpoint 1 inhibitor Sch 900776 in refractory acute leukemias. <i>Clinical Cancer Research</i> , 2012 , 18, 6723-31	12.9	87

243	The role of checkpoint kinase 1 in sensitivity to topoisomerase I poisons. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14349-55	5.4	87
242	Caspase-mediated cleavage of DNA topoisomerase I at unconventional sites during apoptosis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 4335-40	5.4	87
241	Current status of clinical trials of farnesyltransferase inhibitors. <i>Current Opinion in Oncology</i> , 2001 , 13, 470-6	4.2	85
240	Calpain-mediated X-linked inhibitor of apoptosis degradation in neutrophil apoptosis and its impairment in chronic neutrophilic leukemia. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33968-77	5.4	83
239	Dual mTORC1/mTORC2 inhibition diminishes Akt activation and induces Puma-dependent apoptosis in lymphoid malignancies. <i>Blood</i> , 2012 , 119, 476-87	2.2	81
238	The Elephant and the Blind Men: Making Sense of PARP Inhibitors in Homologous Recombination Deficient Tumor Cells. <i>Frontiers in Oncology</i> , 2013 , 3, 228	5.3	81
237	BCL2 mutations are associated with increased risk of transformation and shortened survival in follicular lymphoma. <i>Blood</i> , 2015 , 125, 658-67	2.2	79
236	Phase I and pharmacokinetic study of flavopiridol followed by 1-beta-D-arabinofuranosylcytosine and mitoxantrone in relapsed and refractory adult acute leukemias. <i>Clinical Cancer Research</i> , 2005 , 11, 8403-12	12.9	78
235	A cell cycle-dependent BRCA1-UHRF1 cascade regulates DNA double-strand break repair pathway choice. <i>Nature Communications</i> , 2016 , 7, 10201	17.4	75
234	Enhanced killing of cancer cells by poly(ADP-ribose) polymerase inhibitors and topoisomerase I inhibitors reflects poisoning of both enzymes. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4198-210	5.4	74
233	Inhibition of epidermal growth factor receptor kinase induces protease-dependent apoptosis in human colon cancer cells. <i>Gastroenterology</i> , 1998 , 114, 930-9	13.3	73
232	A multistep model for paclitaxel-induced apoptosis in human breast cancer cell lines. <i>Experimental Cell Research</i> , 2001 , 270, 277-88	4.2	73
231	Noxa/Bcl-2 protein interactions contribute to bortezomib resistance in human lymphoid cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 17682-92	5.4	72
230	Contribution of Bcl-2 phosphorylation to Bak binding and drug resistance. <i>Cancer Research</i> , 2013 , 73, 6998-7008	10.1	70
229	Is TRAIL hepatotoxic?. <i>Hepatology</i> , 2001 , 34, 3-6	11.2	69
228	Somatic Mosaic Mutations in PPM1D and TP53 in the Blood of Women With Ovarian Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 370-2	13.4	68
227	Comparison of paclitaxel-, 5-fluoro-2'deoxyuridine-, and epidermal growth factor (EGF)-induced apoptosis. Evidence for EGF-induced anoikis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 15927-36	5.4	68
226	Inhibition of the phosphatidylinositol 3-kinase/mammalian target of rapamycin pathway in hematologic malignancies. <i>Current Treatment Options in Oncology</i> , 2006 , 7, 285-94	5.4	67

225	Apoptosis and the response to anticancer therapy. <i>Current Opinion in Oncology</i> , 2001 , 13, 453-62	4.2	67
224	Phorbol 12-myristate 13-acetate inhibits death receptor-mediated apoptosis in Jurkat cells by disrupting recruitment of Fas-associated polypeptide with death domain. <i>Journal of Biological Chemistry</i> , 2002 , 277, 3776-83	5.4	66
223	Selectively targeting Mcl-1 for the treatment of acute myelogenous leukemia and solid tumors. <i>Genes and Development</i> , 2012 , 26, 305-11	12.6	65
222	Adaphostin-induced oxidative stress overcomes BCR/ABL mutation-dependent and -independent imatinib resistance. <i>Blood</i> , 2006 , 107, 2501-6	2.2	65
221	Spartan deficiency causes accumulation of Topoisomerase 1 cleavage complexes and tumorigenesis. <i>Nucleic Acids Research</i> , 2017 , 45, 4564-4576	20.1	63
220	Apoptosis-associated caspase activation assays. <i>Methods</i> , 2008 , 44, 262-72	4.6	63
219	Phase 1 trial of flavopiridol combined with cisplatin or carboplatin in patients with advanced malignancies with the assessment of pharmacokinetic and pharmacodynamic end points. <i>Clinical Cancer Research</i> , 2005 , 11, 5935-41	12.9	61
218	Bile acids inhibit Mcl-1 protein turnover via an epidermal growth factor receptor/Raf-1-dependent mechanism. <i>Cancer Research</i> , 2002 , 62, 6500-5	10.1	61
217	Prime, Shock, and Kill: Priming CD4 T Cells from HIV Patients with a BCL-2 Antagonist before HIV Reactivation Reduces HIV Reservoir Size. <i>Journal of Virology</i> , 2016 , 90, 4032-4048	6.6	60
216	Involvement of reactive oxygen species in adaphostin-induced cytotoxicity in human leukemia cells. <i>Blood</i> , 2003 , 102, 4512-9	2.2	60
215	The molecular origin and taxonomy of mucinous ovarian carcinoma. <i>Nature Communications</i> , 2019 , 10, 3935	17.4	59
214	Death receptor 5 internalization is required for lysosomal permeabilization by TRAIL in malignant liver cell lines. <i>Gastroenterology</i> , 2009 , 136, 2365-2376.e1-7	13.3	59
213	Apoptosis in the treatment of cancer: a promise kept?. <i>Current Opinion in Cell Biology</i> , 2006 , 18, 668-76	9	59
212	Effect of adding the topoisomerase I poison 7-ethyl-10-hydroxycamptothecin (SN-38) to 5-fluorouracil and folinic acid in HCT-8 cells: elevated dTTP pools and enhanced cytotoxicity. <i>Cancer Chemotherapy and Pharmacology</i> , 1998 , 42, 391-9	3.5	58
211	Alteration of the nucleolar localization of poly(ADP-ribose) polymerase upon treatment with transcription inhibitors. <i>Experimental Cell Research</i> , 1996 , 227, 146-53	4.2	58
210	Components of the cell death machine and drug sensitivity of the National Cancer Institute Cell Line Panel. <i>Clinical Cancer Research</i> , 2004 , 10, 6807-20	12.9	57
209	Reutilization of immunoblots after chemiluminescent detection. <i>Analytical Biochemistry</i> , 2001 , 296, 283-6	5.1	57
208	Characterization of caspase processing and activation in HL-60 cell cytosol under cell-free conditions. Nucleotide requirement and inhibitor profile. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22635-45	5.4	57

207	Lack of correlation between caspase activation and caspase activity assays in paclitaxel-treated MCF-7 breast cancer cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 804-15	5.4	55
206	Pooled Clustering of High-Grade Serous Ovarian Cancer Gene Expression Leads to Novel Consensus Subtypes Associated with Survival and Surgical Outcomes. <i>Clinical Cancer Research</i> , 2017 , 23, 4077-4085 ^{12.9}		54
205	Association of poly(ADP-ribose) polymerase with the nuclear matrix: the role of intermolecular disulfide bond formation, RNA retention, and cell type. <i>Experimental Cell Research</i> , 1991 , 192, 524-35	4.2	54
204	Evaluation of the BH3-only protein Puma as a direct Bak activator. <i>Journal of Biological Chemistry</i> , 2014 , 289, 89-99	5.4	52
203	Association of topoisomerase II with the hepatoma cell nuclear matrix: the role of intermolecular disulfide bond formation. <i>Experimental Cell Research</i> , 1991 , 192, 511-23	4.2	52
202	Analysis of the internal nuclear matrix. Oligomers of a 38 kD nucleolar polypeptide stabilized by disulfide bonds. <i>Experimental Cell Research</i> , 1986 , 164, 139-53	4.2	52
201	In vivo anti-tumor activity of the PARP inhibitor niraparib in homologous recombination deficient and proficient ovarian carcinoma. <i>Gynecologic Oncology</i> , 2016 , 143, 379-388	4.9	51
200	How does doxorubicin work?. <i>ELife</i> , 2012 , 1, e00387	8.9	51
199	Active oral regimen for elderly adults with newly diagnosed acute myelogenous leukemia: a preclinical and phase 1 trial of the farnesyltransferase inhibitor tipifarnib (R115777, Zarnestra) combined with etoposide. <i>Blood</i> , 2009 , 113, 4841-52	2.2	51
198	Epigenetic silencing of TCEAL7 (Bex4) in ovarian cancer. <i>Oncogene</i> , 2005 , 24, 5089-100	9.2	51
197	Evaluation of Apaf-1 and procaspases-2, -3, -7, -8, and -9 as potential prognostic markers in acute leukemia. <i>Blood</i> , 2000 , 96, 3922-3931	2.2	50
196	Altered Formation of Topotecan-Stabilized Topoisomerase I-DNA Adducts in Human Leukemia Cells. <i>Blood</i> , 1997 , 89, 2098-2104	2.2	49
195	Central role of Fas-associated death domain protein in apoptosis induction by the mitogen-activated protein kinase kinase inhibitor CI-1040 (PD184352) in acute lymphocytic leukemia cells in vitro. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47326-39	5.4	49
194	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. <i>Blood</i> , 1998 , 92, 3042-3049	2.2	48
193	Effects of selective checkpoint kinase 1 inhibition on cytarabine cytotoxicity in acute myelogenous leukemia cells in vitro. <i>Clinical Cancer Research</i> , 2012 , 18, 5364-73	12.9	47
192	Decreased drug accumulation in a mitoxantrone-resistant gastric carcinoma cell line in the absence of P-glycoprotein. <i>International Journal of Cancer</i> , 1997 , 71, 817-24	7.5	46
191	CXCR4 chemokine receptor signaling induces apoptosis in acute myeloid leukemia cells via regulation of the Bcl-2 family members Bcl-XL, Noxa, and Bak. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22899-914	5.4	45
190	Genomic mechanisms of p210BCR-ABL signaling: induction of heat shock protein 70 through the GATA response element confers resistance to paclitaxel-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 35604-15	5.4	45

189	Prospects for the Use of ATR Inhibitors to Treat Cancer. <i>Pharmaceuticals</i> , 2010 , 3, 1311-1334	5.2	44
188	Thromboembolism in adults with acute lymphoblastic leukemia during induction with L-asparaginase-containing multi-agent regimens: incidence, risk factors, and possible role of antithrombin. <i>Leukemia and Lymphoma</i> , 2004 , 45, 1545-9	1.9	43
187	Detection of poly(ADP-ribose) polymerase and its apoptosis-specific fragment by a nonisotopic activity-western blot technique. <i>Analytical Biochemistry</i> , 1995 , 232, 251-4	3.1	43
186	Maintenance of the HIV Reservoir Is Antagonized by Selective BCL2 Inhibition. <i>Journal of Virology</i> , 2017 , 91,	6.6	42
185	4EBP1/c-MYC/PUMA and NF- κ B/EGR1/BIM pathways underlie cytotoxicity of mTOR dual inhibitors in malignant lymphoid cells. <i>Blood</i> , 2016 , 127, 2711-22	2.2	42
184	Expression of insulin receptor isoform A and insulin-like growth factor-1 receptor in human acute myelogenous leukemia: effect of the dual-receptor inhibitor BMS-536924 in vitro. <i>Cancer Research</i> , 2009 , 69, 7635-43	10.1	42
183	Context-dependent Bcl-2/Bak interactions regulate lymphoid cell apoptosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 18311-22	5.4	42
182	A Phase 1 Study of the PARP Inhibitor Veliparib in Combination with Temozolomide in Acute Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2017 , 23, 697-706	12.9	40
181	Platelet-derived growth factor primes cancer-associated fibroblasts for apoptosis. <i>Journal of Biological Chemistry</i> , 2014 , 289, 22835-22849	5.4	39
180	Adaphostin-induced apoptosis in CLL B cells is associated with induction of oxidative stress and exhibits synergy with fludarabine. <i>Blood</i> , 2005 , 105, 2099-106	2.2	38
179	Detection of DNA cleavage in apoptotic cells. <i>Methods in Enzymology</i> , 2000 , 322, 3-15	1.7	38
178	TP53 mutations, tetraploidy and homologous recombination repair defects in early stage high-grade serous ovarian cancer. <i>Nucleic Acids Research</i> , 2015 , 43, 6945-58	20.1	37
177	APOBEC3G Expression Correlates with T-Cell Infiltration and Improved Clinical Outcomes in High-grade Serous Ovarian Carcinoma. <i>Clinical Cancer Research</i> , 2016 , 22, 4746-55	12.9	37
176	Poly(ADP-ribose) polymerase inhibitors sensitize cancer cells to death receptor-mediated apoptosis by enhancing death receptor expression. <i>Journal of Biological Chemistry</i> , 2014 , 289, 20543-58	5.4	37
175	Poly(ADP-Ribose) polymerase inhibition synergizes with 5-fluorodeoxyuridine but not 5-fluorouracil in ovarian cancer cells. <i>Cancer Research</i> , 2011 , 71, 4944-54	10.1	37
174	BH3-only protein mimetic obatoclax sensitizes cholangiocarcinoma cells to Apo2L/TRAIL-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2339-47	6.1	37
173	Bak Conformational Changes Induced by Ligand Binding: Insight into BH3 Domain Binding and Bak Homo-Oligomerization. <i>Scientific Reports</i> , 2012 , 2, 257	4.9	36
172	Methods utilized in the study of apoptosis. <i>Advances in Pharmacology</i> , 1997 , 41, 57-87	5.7	36

171	Rad9 protects cells from topoisomerase poison-induced cell death. <i>Journal of Biological Chemistry</i> , 2004 , 279, 18641-7	5.4	36
170	S-peptide epitope tagging for protein purification, expression monitoring, and localization in mammalian cells. <i>BioTechniques</i> , 2004 , 37, 835-9	2.5	36
169	53BP1 as a potential predictor of response in PARP inhibitor-treated homologous recombination-deficient ovarian cancer. <i>Gynecologic Oncology</i> , 2019 , 153, 127-134	4.9	35
168	Phase I and pharmacological study of cytarabine and tanespimycin in relapsed and refractory acute leukemia. <i>Haematologica</i> , 2011 , 96, 1619-26	6.6	35
167	Constitutive BAK activation as a determinant of drug sensitivity in malignant lymphohematopoietic cells. <i>Genes and Development</i> , 2015 , 29, 2140-52	12.6	34
166	Mcl-1 degradation during hepatocyte lipoapoptosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30039-48	5.4	34
165	A Phase I trial of the farnesyl protein transferase inhibitor R115777 in combination with gemcitabine and cisplatin in patients with advanced cancer. <i>Clinical Cancer Research</i> , 2003 , 9, 2520-6	12.9	34
164	Irinotecan in the treatment of glioma patients: current and future studies of the North Central Cancer Treatment Group. <i>Cancer</i> , 2003 , 97, 2352-8	6.4	33
163	Multi-institutional phase 2 study of the farnesyltransferase inhibitor tipifarnib (R115777) in patients with relapsed and refractory lymphomas. <i>Blood</i> , 2011 , 118, 4882-9	2.2	32
162	Caspase-7 gene disruption reveals an involvement of the enzyme during the early stages of apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 1030-9	5.4	31
161	Immunodetection of human topoisomerase I-DNA covalent complexes. <i>Nucleic Acids Research</i> , 2016 , 44, 2816-26	20.1	30
160	A Phase I Clinical Trial of the Poly(ADP-ribose) Polymerase Inhibitor Veliparib and Weekly Topotecan in Patients with Solid Tumors. <i>Clinical Cancer Research</i> , 2018 , 24, 744-752	12.9	29
159	Is TRAIL hepatotoxic?. <i>Hepatology</i> , 2001 , 34, 3-6	11.2	28
158	Camptothecin analogues: studies from the Johns Hopkins Oncology Center. <i>Cancer Chemotherapy and Pharmacology</i> , 1994 , 34 Suppl, S53-7	3.5	27
157	Topoisomerases and cancer chemotherapy: recent advances and unanswered questions. <i>F1000Research</i> , 2019 , 8,	3.6	27
156	A Phase I Study of Topotecan, Carboplatin and the PARP Inhibitor Veliparib in Acute Leukemias, Aggressive Myeloproliferative Neoplasms, and Chronic Myelomonocytic Leukemia. <i>Clinical Cancer Research</i> , 2017 , 23, 899-907	12.9	26
155	Cytotoxicity of farnesyltransferase inhibitors in lymphoid cells mediated by MAPK pathway inhibition and Bim up-regulation. <i>Blood</i> , 2011 , 118, 4872-81	2.2	26
154	Neutropenic colitis after treatment of acute myelogenous leukemia with idarubicin and cytosine arabinoside. <i>Mayo Clinic Proceedings</i> , 2002 , 77, 760-2	6.4	26

153	A one-step method for protein estimation in biological samples: nitration of tyrosine in nitric acid. <i>Analytical Biochemistry</i> , 1999 , 267, 217-21	3.1	26
152	Randomized phase II trial of cytosine arabinoside with and without the CHK1 inhibitor MK-8776 in relapsed and refractory acute myeloid leukemia. <i>Leukemia Research</i> , 2017 , 61, 108-116	2.7	25
151	FAM111A protects replication forks from protein obstacles via its trypsin-like domain. <i>Nature Communications</i> , 2020 , 11, 1318	17.4	25
150	Comparison of complication rates of Hickman(□) catheters versus peripherally inserted central catheters in patients with acute myeloid leukemia undergoing induction chemotherapy. <i>Leukemia and Lymphoma</i> , 2013 , 54, 1263-7	1.9	25
149	High cell surface death receptor expression determines type I versus type II signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35823-35833	5.4	25
148	Proteolytic cleavage during chemotherapy-induced apoptosis. <i>Trends in Molecular Medicine</i> , 1996 , 2, 298-303		25
147	Tyrosine Phosphorylation of Mitochondrial Creatine Kinase 1 Enhances a Druggable Tumor Energy Shuttle Pathway. <i>Cell Metabolism</i> , 2018 , 28, 833-847.e8	24.6	25
146	Phase I and pharmacologic study of infusional topotecan and Carboplatin in relapsed and refractory acute leukemia. <i>Clinical Cancer Research</i> , 2005 , 11, 6641-9	12.9	24
145	Molecular and clinical determinants of response and resistance to rucaparib for recurrent ovarian cancer treatment in ARIEL2 (Parts 1 and 2). <i>Nature Communications</i> , 2021 , 12, 2487	17.4	24
144	Mitochondrial apoptosis and BH3 mimetics. <i>F1000Research</i> , 2016 , 5, 2804	3.6	24
143	The DNA Cytosine Deaminase APOBEC3B is a Molecular Determinant of Platinum Responsiveness in Clear Cell Ovarian Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 3397-3407	12.9	23
142	Ketamine and ketamine metabolites as novel estrogen receptor ligands: Induction of cytochrome P450 and AMPA glutamate receptor gene expression. <i>Biochemical Pharmacology</i> , 2018 , 152, 279-292	6	23
141	BRCA1 Deficiency Upregulates NNMT, Which Reprograms Metabolism and Sensitizes Ovarian Cancer Cells to Mitochondrial Metabolic Targeting Agents. <i>Cancer Research</i> , 2019 , 79, 5920-5929	10.1	23
140	Auxin-induced rapid degradation of inhibitor of caspase-activated DNase (ICAD) induces apoptotic DNA fragmentation, caspase activation, and cell death: a cell suicide module. <i>Journal of Biological Chemistry</i> , 2014 , 289, 31617-23	5.4	23
139	Casp8p41 generated by HIV protease kills CD4 T cells through direct Bak activation. <i>Journal of Cell Biology</i> , 2014 , 206, 867-76	7.3	23
138	Osteoblasts protect AML cells from SDF-1-induced apoptosis. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1128-37	4.7	22
137	Therapy-related acute promyelocytic leukemia: observations relating to APL pathogenesis and therapy. <i>European Journal of Haematology</i> , 2012 , 88, 237-43	3.8	22
136	Multi-institutional phase 2 clinical and pharmacogenomic trial of tipifarnib plus etoposide for elderly adults with newly diagnosed acute myelogenous leukemia. <i>Blood</i> , 2012 , 119, 55-63	2.2	22

135	Ataxia telangiectasia and rad3-related kinase contributes to cell cycle arrest and survival after cisplatin but not oxaliplatin. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 855-63	6.1	22
134	Heterogeneous role of caspase-8 in fenretinide-induced apoptosis in epithelial ovarian carcinoma cell lines. <i>Molecular Pharmacology</i> , 2003 , 64, 1434-43	4.3	22
133	Binding of dexamethasone to rat liver nuclei in vivo and in vitro: evidence for two distinct binding sites. <i>The Journal of Steroid Biochemistry</i> , 1984 , 20, 699-708		22
132	Deficiencies in Chfr and Mlh1 synergistically enhance tumor susceptibility in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2714-24	15.9	22
131	Genes associated with bowel metastases in ovarian cancer. <i>Gynecologic Oncology</i> , 2019 , 154, 495-504	4.9	21
130	Development and Validation of the Gene Expression Predictor of High-grade Serous Ovarian Carcinoma Molecular SubTYPE (PrOTYPE). <i>Clinical Cancer Research</i> , 2020 , 26, 5411-5423	12.9	21
129	Farnesyltransferase inhibitor tipifarnib inhibits Rheb prenylation and stabilizes Bax in acute myelogenous leukemia cells. <i>Haematologica</i> , 2014 , 99, 60-9	6.6	21
128	Therapeutic options for mucinous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2020 , 156, 552-560	4.9	21
127	Effect of 6-aminonicotinamide and other protein synthesis inhibitors on formation of platinum-DNA adducts and cisplatin sensitivity. <i>Molecular Pharmacology</i> , 2000 , 57, 529-38	4.3	20
126	Murine pharmacokinetics of 6-aminonicotinamide (NSC 21206), a novel biochemical modulating agent. <i>Biochemical Pharmacology</i> , 1999 , 58, 1057-66	6	20
125	Increased phosphorylation rate of intermediate filaments during mitotic arrest. <i>Experimental Cell Research</i> , 1981 , 133, 445-8	4.2	20
124	A phase II study of gemcitabine in combination with tanespimycin in advanced epithelial ovarian and primary peritoneal carcinoma. <i>Gynecologic Oncology</i> , 2012 , 124, 210-5	4.9	19
123	Topoisomerase II and the response to antileukemic therapy. <i>Leukemia and Lymphoma</i> , 1998 , 29, 217-37	1.9	19
122	A randomized trial of three novel regimens for recurrent acute myeloid leukemia demonstrates the continuing challenge of treating this difficult disease. <i>American Journal of Hematology</i> , 2019 , 94, 111-117 ¹		19
121	Comparison of Apoptosis in Wild-Type and Fas-Resistant Cells: Chemotherapy-Induced Apoptosis Is Not Dependent on Fas/Fas Ligand Interactions. <i>Blood</i> , 1997 , 90, 935-943	2.2	18
120	Phase 1 study of sorafenib in combination with bortezomib in patients with advanced malignancies. <i>Investigational New Drugs</i> , 2013 , 31, 1201-6	4.3	17
119	Enhanced ceramide generation and induction of apoptosis in human leukemia cells exposed to DT(388)-granulocyte-macrophage colony-stimulating factor (GM-CSF), a truncated diphtheria toxin fused to human GM-CSF. <i>Blood</i> , 2001 , 98, 1927-34	2.2	17
118	Clinical and pathological associations of PTEN expression in ovarian cancer: a multicentre study from the Ovarian Tumour Tissue Analysis Consortium. <i>British Journal of Cancer</i> , 2020 , 123, 793-802	8.7	16

117	Refinement of prespecified cutoff for genomic loss of heterozygosity (LOH) in ARIEL2 part 1: A phase II study of rucaparib in patients (pts) with high grade ovarian carcinoma (HGOC).. <i>Journal of Clinical Oncology</i> , 2016 , 34, 5540-5540	2.2	16
116	Phase I and pharmacokinetic study of lonafarnib, SCH 66336, using a 2-week on, 2-week off schedule in patients with advanced solid tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 67, 455-463	3.5	15
115	Isolation of a TRAIL antagonist from the serum of HIV-infected patients. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35742-35754	5.4	15
114	An alternative approach to the quantitation of glucocorticoid-receptor complexes in the nuclei of lymphoid cells. <i>Endocrinology</i> , 1982 , 110, 708-16	4.8	15
113	Anticancer therapy: boosting the bang of Bim. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3582-4	15.9	15
112	Poly (ADP-Ribose) Polymerase Inhibitor Hypersensitivity in Aggressive Myeloproliferative Neoplasms. <i>Clinical Cancer Research</i> , 2016 , 22, 3894-902	12.9	15
111	Histone Deacetylase Inhibitors Target the Leukemic Microenvironment by Enhancing a Nherf1-Protein Phosphatase 1 β AZ Signaling Pathway in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2015 , 290, 29478-92	5.4	14
110	Protein kinase C β modulates ligand-induced cell surface death receptor accumulation: a mechanistic basis for enzastaurin-death ligand synergy. <i>Journal of Biological Chemistry</i> , 2010 , 285, 888-902	5.4	14
109	Mitotic phosphorylation stimulates DNA relaxation activity of human topoisomerase I. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16711-22	5.4	14
108	Immunoblot analysis and band depletion assays. <i>Methods in Molecular Biology</i> , 1999 , 94, 253-68	1.4	14
107	Rare Missense Alleles Confer Risk for Ovarian and Breast Cancer. <i>Cancer Research</i> , 2020 , 80, 857-867	10.1	13
106	On the role of topoisomerase I in mediating the cytotoxicity of 9-aminoacridine-based anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 4459-62	2.9	13
105	Addition of etoposide to initial therapy of adult acute lymphoblastic leukemia: a combined clinical and laboratory study. <i>Leukemia and Lymphoma</i> , 1996 , 23, 71-83	1.9	13
104	Loss of HSulf-1 expression enhances tumorigenicity by inhibiting Bim expression in ovarian cancer. <i>International Journal of Cancer</i> , 2014 , 135, 1783-9	7.5	12
103	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. <i>Blood</i> , 1998 , 92, 3042-3049	2.2	12
102	RAS mutations drive proliferative chronic myelomonocytic leukemia via a KMT2A-PLK1 axis. <i>Nature Communications</i> , 2021 , 12, 2901	17.4	12
101	Characterization of a human carcinoma cell line selected for resistance to the farnesyl transferase inhibitor 4-(2-(4-(8-chloro-3,10-dibromo-6,11-dihydro-5H-benzo-(5,6)-cyclohepta(1,2-b)-pyridin-11(R)-yl)-1-piperidinyl)-2-oxo-ethyl) (SCH66336). <i>Molecular Pharmacology</i> , 2005 , 68, 477-86	4.3	11
100	Hypercalcemia complicating leukemic transformation of agnogenic myeloid metaplasia-myelofibrosis. <i>Mayo Clinic Proceedings</i> , 1999 , 74, 1233-7	6.4	11

99	Erasure of western blots after autoradiographic or chemiluminescent detection. <i>Methods in Molecular Biology</i> , 1998 , 80, 223-35	1.4	11
98	Acquired Promoter Methylation Loss Causes PARP Inhibitor Resistance in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2021 , 81, 4709-4722	10.1	11
97	Measurement of BH3-only protein tolerance. <i>Cell Death and Differentiation</i> , 2018 , 25, 282-293	12.7	10
96	Genetic analysis of the short splice variant of the inhibitor of caspase-activated DNase (ICAD-S) in chicken DT40 cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 27374-27382	5.4	10
95	Resistance to venetoclax and hypomethylating agents in acute myeloid leukemia. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2021 , 4, 125-142	4.5	10
94	Characterization of an alternative BAK-binding site for BH3 peptides. <i>Nature Communications</i> , 2020 , 11, 3301	17.4	9
93	ZC3H18 specifically binds and activates the BRCA1 promoter to facilitate homologous recombination in ovarian cancer. <i>Nature Communications</i> , 2019 , 10, 4632	17.4	9
92	Factors affecting topotecan sensitivity in human leukemia samples. <i>Annals of the New York Academy of Sciences</i> , 1996 , 803, 128-42	6.5	9
91	Fibroblast growth factor receptor inhibition induces loss of matrix MCL1 and necrosis in cholangiocarcinoma. <i>Journal of Hepatology</i> , 2018 , 68, 1228-1238	13.4	8
90	Overcoming S-phase checkpoint-mediated resistance: sequence-dependent synergy of gemcitabine and 7-ethyl-10-hydroxycamptothecin (SN-38) in human carcinoma cell lines. <i>Molecular Pharmacology</i> , 2008 , 74, 724-35	4.3	8
89	Imatinib spells BAD news for Bcr/abl-positive leukemias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14651-2	11.5	8
88	Synthesis of novel caspase inhibitors for characterization of the active caspase proteome in vitro and in vivo. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7636-45	8.3	8
87	ARIEL 2/3: An integrated clinical trial program to assess activity of rucaparib in ovarian cancer and to identify tumor molecular characteristics predictive of response.. <i>Journal of Clinical Oncology</i> , 2014 , 32, TPS5619-TPS5619	2.2	8
86	Reactivating latent HIV with PKC agonists induces resistance to apoptosis and is associated with phosphorylation and activation of BCL2. <i>PLoS Pathogens</i> , 2020 , 16, e1008906	7.6	8
85	Anastrozole has an Association between Degree of Estrogen Suppression and Outcomes in Early Breast Cancer and is a Ligand for Estrogen Receptor α <i>Clinical Cancer Research</i> , 2020 , 26, 2986-2996	12.9	8
84	A phase I multicenter study of continuous oral administration of lonafarnib (SCH 66336) and intravenous gemcitabine in patients with advanced cancer. <i>Cancer Investigation</i> , 2011 , 29, 617-25	2.1	7
83	Evaluation of 2,6-diamino-N-([1-(1-oxotridecyl)-2-piperidiny]methyl)- hexanamide (NPC 15437), a protein kinase C inhibitor, as a modulator of P-glycoprotein-mediated resistance in vitro. <i>Investigational New Drugs</i> , 1996 , 13, 285-94	4.3	7
82	Context-dependent antagonism between Akt inhibitors and topoisomerase poisons. <i>Molecular Pharmacology</i> , 2014 , 85, 723-34	4.3	6

81	Apparent cleavage of poly(ADP-ribose) polymerase in non-apoptotic mouse LTA cells: an artifact of cross-reactive secondary antibody. <i>Molecular and Cellular Biochemistry</i> , 1998 , 178, 245-9	4.2	6
80	Analysis of caspase activation during apoptosis. <i>Current Protocols in Cell Biology</i> , 2001 , Chapter 18, Unit 18.2	2.3	6
79	Effect of v-rasH on sensitivity of NCI-H82 human small cell lung cancer cells to cisplatin, etoposide, and camptothecin. <i>Biochemical Pharmacology</i> , 1995 , 50, 1987-93	6	6
78	Preexisting TP53-Variant Clonal Hematopoiesis and Risk of Secondary Myeloid Neoplasms in Patients With High-grade Ovarian Cancer Treated With Rucaparib. <i>JAMA Oncology</i> , 2021 ,	13.4	6
77	TFEB links MYC signaling to epigenetic control of myeloid differentiation and acute myeloid leukemia. <i>Blood Cancer Discovery</i> , 2021 , 2, 162-185	7	6
76	Refined cut-off for TP53 immunohistochemistry improves prediction of TP53 mutation status in ovarian mucinous tumors: implications for outcome analyses. <i>Modern Pathology</i> , 2021 , 34, 194-206	9.8	6
75	PARP Inhibitors and Myeloid Neoplasms: A Double-Edged Sword.. <i>Cancers</i> , 2021 , 13,	6.6	6
74	Assessment of Drug Sensitivity in Hematopoietic Stem and Progenitor Cells from Acute Myelogenous Leukemia and Myelodysplastic Syndrome Ex Vivo. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 840-850	6.9	5
73	Noxa mediates hepatic stellate cell apoptosis by proteasome inhibition. <i>Hepatology Research</i> , 2010 , 40, 701-10	5.1	5
72	A phase I and pharmacologic study of pyrazoloacridine (NSC 366140) and carboplatin in patients with advanced cancer. <i>Investigational New Drugs</i> , 2002 , 20, 297-304	4.3	5
71	Oral Tipifarnib (R115777) Has Single Agent Anti-Tumor Activity in Patients with Relapsed Aggressive Non-Hodgkin Lymphoma (NHL): Results of a Phase II Trial in the University of Iowa/Mayo Clinic Lymphoma SPORE (CA97274).. <i>Blood</i> , 2006 , 108, 530-530	2.2	5
70	Evaluation of Apaf-1 and procaspases-2, -3, -7, -8, and -9 as potential prognostic markers in acute leukemia. <i>Blood</i> , 2000 , 96, 3922-3931	2.2	5
69	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. <i>Cancer Medicine</i> , 2019 , 8, 2503-2513	4.8	4
68	Effect of CHK1 Inhibition on CPX-351 Cytotoxicity in vitro and ex vivo. <i>Scientific Reports</i> , 2019 , 9, 3617	4.9	4
67	Dynamics of granzyme B-induced apoptosis: mathematical modeling. <i>Mathematical Biosciences</i> , 2008 , 212, 54-68	3.9	4
66	Apoptosis: an optimization approach. <i>Computers in Biology and Medicine</i> , 2004 , 34, 449-59	7	4
65	Genetic and Epigenetic Defects in DNA Repair Lead to Synthetic Lethality of Poly (ADP-Ribose) Polymerase (PARP) Inhibitors in Aggressive Myeloproliferative Disorders. <i>Blood</i> , 2011 , 118, 400-400	2.2	4
64	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. <i>Blood</i> , 1997 , 90, 4283-4296	2.2	4

63	Characterization of a -silenced high-grade serous ovarian cancer model during development of PARP inhibitor resistance. <i>NAR Cancer</i> , 2021 , 3, zcab028	5.2	4
62	A phase I study of the farnesyltransferase inhibitor Tipifarnib in combination with the epidermal growth factor tyrosine kinase inhibitor Erlotinib in patients with advanced solid tumors. <i>Investigational New Drugs</i> , 2019 , 37, 307-314	4.3	4
61	Efficient method to optimize antibodies using avian leukosis virus display and eukaryotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9860-5	11.5	3
60	The Intrinsic Pathway of Apoptosis 2007 , 3-30		3
59	Durable molecular remissions with a single cycle of timed sequential consolidation chemotherapy in acute promyelocytic leukemia. <i>American Journal of Hematology</i> , 2005 , 79, 119-27	7.1	3
58	Topoisomerases in human leukemia. <i>Advances in Pharmacology</i> , 1994 , 29B, 33-50	5.7	3
57	A Multisite Phase Ib Study of Pevonedistat, Azacitidine and Venetoclax (PAVE) for the Treatment of Subjects with Acute Myelogenous Leukemia (AML). <i>Blood</i> , 2019 , 134, 3837-3837	2.2	3
56	Anti-Tumor Activity of Single-Agent CCI-779 for Relapsed Mantle Cell Lymphoma: A Phase II Trial in the North Central Cancer Treatment Group.. <i>Blood</i> , 2004 , 104, 129-129	2.2	3
55	Phase I Trial of the Oral Poly (ADP-ribose) Polymerase (PARP) Inhibitor Veliparib (ABT-888, V) Combined With Topotecan (T) and Carboplatin (C) for Adults with Relapsed and Refractory Acute Leukemias,. <i>Blood</i> , 2011 , 118, 3634-3634	2.2	3
54	Synthesis of a peptide-universal nucleotide antigen: towards next-generation antibodies to detect topoisomerase I-DNA covalent complexes. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4103-9	3.9	3
53	Characterization of patients with long-term responses to rucaparib treatment in recurrent ovarian cancer. <i>Gynecologic Oncology</i> , 2021 , 163, 490-497	4.9	3
52	Histone deacetylase inhibitors reduce differentiating osteoblast-mediated protection of acute myeloid leukemia cells from cytarabine. <i>Oncotarget</i> , 2017 , 8, 94569-94579	3.3	2
51	Randomized Phase II Trial of Timed Sequential Cytosine Arabinoside with and without the CHK1 Inhibitor MK-8876 in Adults with Relapsed and Refractory Acute Myelogenous Leukemia. <i>Blood</i> , 2015 , 126, 2563-2563	2.2	2
50	Fatty acid synthase (FASN) regulates the mitochondrial priming of cancer cells. <i>Cell Death and Disease</i> , 2021 , 12, 977	9.8	2
49	Targeting LRRC15 inhibits metastatic dissemination of ovarian cancer. <i>Cancer Research</i> , 2021 ,	10.1	2
48	USP13 regulates the replication stress response by deubiquitinating TopBP1. <i>DNA Repair</i> , 2021 , 100, 103063	4.3	2
47	Statistical analysis of comparative tumor growth repeated measures experiments in the ovarian cancer patient derived xenograft (PDX) setting. <i>Scientific Reports</i> , 2021 , 11, 8076	4.9	2
46	The Impact of Obesity on the Outcomes of Adult Patients with Acute Lymphoblastic Leukemia - A Single Center Retrospective Study. <i>Blood and Lymphatic Cancer: Targets and Therapy</i> , 2021 , 11, 1-9	2.6	2

45	Multiomic analysis identifies CPT1A as a potential therapeutic target in platinum-refractory, high-grade serous ovarian cancer.. <i>Cell Reports Medicine</i> , 2021 , 2, 100471	18	2
44	Resistance to topoisomerase II poisons: is the answer in the promoter?. <i>Leukemia Research</i> , 1997 , 21, 1033-6	2.7	1
43	Apoptotic Pathways in Cancer Progression and Treatment 143-170		1
42	Use of Camptothecins in the Treatment of Leukemia and Related Disorders 2005 , 421-450		1
41	Reutilization of Western Blots After Chemiluminescent Detection or Autoradiography 2002 , 439-452		1
40	Erasure of western blots after autoradiography or chemiluminescent detection. <i>Applied Biochemistry and Biotechnology</i> , 1993 , 38, 243-55	3.2	1
39	Effects of Adaphostin, a Novel Tyrphostin Inhibitor, in Diverse Models of Imatinib Mesylate Resistance.. <i>Blood</i> , 2004 , 104, 2097-2097	2.2	1
38	Dual Inhibition of mTORC1/mTORC2 Induces Apoptosis of Mantle Cell Lymphoma by Preventing Rictor Mediated AKTS473 Phosphorylation by Potentiating AKT2-PHLPP1 Association. <i>Blood</i> , 2010 , 116, 772-772	2.2	1
37	OSI-027, a Dual TORC1/TORC2 Inhibitor, Induces Bim- and Puma-Mediated Apoptosis In Lymphoid Malignancy. <i>Blood</i> , 2010 , 116, 970-970	2.2	1
36	Phase I Dose-Escalation Study of SCH 900776 in Combination with Cytarabine (Ara-C) in Patients with Acute Leukemia. <i>Blood</i> , 2011 , 118, 1531-1531	2.2	1
35	The Role of Proteases in Neuronal Apoptosis. <i>Frontiers in Neuroscience</i> , 1998 ,		1
34	Gadolinium-enhanced cardiac MR exams of human subjects are associated with significant increases in the DNA repair marker 53BP1, but not the damage marker γ H2AX. <i>PLoS ONE</i> , 2018 , 13, e0190890	3.7	1
33	Acquired RAD51C promoter methylation loss causes PARP inhibitor resistance in high grade serous ovarian carcinoma		1
32	Characterization of a RAD51C-Silenced High Grade Serous Ovarian Cancer Model During PARP Inhibitor Resistance Development		1
31	Altered Apoptosis in AML 2007 , 133-161		1
30	The Trifecta of Single-Cell, Systems-Biology, and Machine-Learning Approaches. <i>Genes</i> , 2021 , 12,	4.2	1
29	Circulating CD14 HLA-DR monocytic cells as a biomarker for epithelial ovarian cancer progression. <i>American Journal of Reproductive Immunology</i> , 2021 , 85, e13343	3.8	1
28	CDK2-Mediated Upregulation of TNF α s a Mechanism of Selective Cytotoxicity in Acute Leukemia. <i>Cancer Research</i> , 2021 , 81, 2666-2678	10.1	1

27	Genetic analysis of apoptotic execution. <i>Sub-Cellular Biochemistry</i> , 2006 , 40, 75-90	5.5	1
26	Uncovering Pharmacological Opportunities for Cancer Stem Cells-A Systems Biology View.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 752326	5.7	1
25	A Phase II Study of the Farnesyltransferase Inhibitor Tipifarnib Demonstrates Anti-Tumor Activity In Patients with Relapsed and Refractory Lymphomas. <i>Blood</i> , 2010 , 116, 287-287	2.2	0
24	Therapeutics targeting BCL2 family proteins 2022 , 197-260		0
23	Invasion of Endometrial Cancer Cells. <i>Frontiers in Microbiology</i> , 2021 , 12, 674835	5.7	0
22	Constitutive BAK/MCL1 complexes predict paclitaxel and S63845 sensitivity of ovarian cancer. <i>Cell Death and Disease</i> , 2021 , 12, 789	9.8	0
21	Manifold medicine: A schema that expands treatment dimensionality. <i>Drug Discovery Today</i> , 2021 , 27, 8-8	8.8	0
20	A phase 1 and pharmacodynamic study of chronically-dosed, single-agent veliparib (ABT-888) in patients with BRCA1- or BRCA2-mutated cancer or platinum-refractory ovarian or triple-negative breast cancer.. <i>Cancer Chemotherapy and Pharmacology</i> , 2022 , 89, 721	3.5	0
19	The Nitric Acid Method for Protein Estimation in Biological Samples. <i>Springer Protocols</i> , 2009 , 35-45	0.3	
18	Reutilization of Western Blots After Chemiluminescent or Autoradiographic Detection. <i>Springer Protocols</i> , 2009 , 789-806	0.3	
17	Hopes for kinase inhibitors active against AML take FLT. <i>Blood</i> , 2004 , 103, 8-8	2.2	
16	The Nitric Acid Method for Protein Estimation in Biological Samples 2002 , 31-40		
15	Erasable Western blots. <i>Methods in Molecular Biology</i> , 1992 , 80, 235-46	1.4	
14	Tfeb Links MYC Signaling to Epigenetic Control of Acute Myeloid Leukemia Cell Death and Differentiation. <i>Blood</i> , 2020 , 136, 12-13	2.2	
13	A Phase I Study of Pevonedistat, Azacitidine and Venetoclax for Patients with Relapsed/Refractory Acute Myelogenous Leukemia (AML). <i>Blood</i> , 2021 , 138, 2347-2347	2.2	
12	Approaches Used to Detect Apoptosis 2005 , 35-54		
11	Clinical Categorization of Chronic Myelomonocytic Leukemia into Proliferative and Dysplastic Subtypes Correlates with Distinct Genomic, Transcriptomic and Epigenomic Signatures. <i>Blood</i> , 2019 , 134, 1710-1710	2.2	
10	Proteolytic Cleavage of Poly(ADP-Ribose) Polymerase in Human Leukemia Cells Treated with Etoposide and other Cytotoxic Agents 1992 , 260-268		

- 9 Expression of poly (ADP-ribose) polymerase in differentiating HL-60 cells **1992**, 92-94
- 8 mTOR Dual Inhibitor Induced Cytotoxicity Depends on 4EBP1/c-Myc/Puma and NFkB/Egr-1/Bim Pathways in Human Lymphoid Malignancies. *Blood*, **2015**, 126, 3705-3705 2.2
- 7 MTH1 Inhibitor-Induced Cytotoxicity in Acute Myeloid Leukemia. *Blood*, **2015**, 126, 1273-1273 2.2
- 6 Combinations of the Histone Deacetylase Inhibitor Entinostat (SNDX-275, MS-275) and Imatinib Have Divergent Effects in Imatinib-Sensitive Vs. Imatinib-Resistant p210-BCR/ABL Expressing Cell Lines.. *Blood*, **2009**, 114, 2742-2742 2.2
- 5 Phase I Trial of the Oral Poly (ADP-ribose) Polymerase (PARP) Inhibitor Veliparib (ABT-888, V) Combined With Topotecan (T) and Carboplatin (C) for Adults with Relapsed and Refractory Acute Leukemias. *Blood*, **2010**, 116, 3276-3276 2.2
- 4 Phase 2 Trial of the Farnesyltransferase Inhibitor Tipifarnib in Previously Untreated Older Adults with AML and Baseline Presence of a Specific 2-Gene Expression Signature Ratio. *Blood*, **2012**, 120, 1508-1508 2.2
- 3 Management Of PICC-Associated Thrombosis In Patients Receiving Chemotherapy For Hematologic Malignancies. *Blood*, **2013**, 122, 5000-5000 2.2
- 2 Selective Inhibition of BFL1: It's All about Finding the Right Partner. *Cell Chemical Biology*, **2020**, 27, 639-642 2.2
- 1 Machine-learning aided in situ drug sensitivity screening predicts treatment outcomes in ovarian PDX tumors.. *Translational Oncology*, **2022**, 21, 101427 4.9