

Marcus E Peter

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

130
papers

22,988
citations

63
h-index

146
g-index

146
ext. papers

25,451
ext. citations

10.5
avg, IF

6.47
L-index

#	Paper	IF	Citations
130	Identification of the toxic 6mer seed consensus for human cancer cells.. <i>Scientific Reports</i> , 2022 , 12, 51304	4.9	1
129	SPOROS: A pipeline to analyze DISE/6mer seed toxicity.. <i>PLoS Computational Biology</i> , 2022 , 18, e1010023	3	0
128	CD95/Fas suppresses NF- κ B activation through recruitment of KPC2 in a CD95L/FasL-independent mechanism.. <i>IScience</i> , 2021 , 24, 103538	6.1	0
127	CD95/Fas protects triple negative breast cancer from anti-tumor activity of NK cells. <i>IScience</i> , 2021 , 24, 103348	6.1	0
126	The Ratio of Toxic-to-Nontoxic miRNAs Predicts Platinum Sensitivity in Ovarian Cancer. <i>Cancer Research</i> , 2021 , 81, 3985-4000	10.1	4
125	DISE/6mer seed toxicity-a powerful anti-cancer mechanism with implications for other diseases. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 389	12.8	2
124	The mechanism of how CD95/Fas activates the Type I IFN/STAT1 axis, driving cancer stemness in breast cancer. <i>Scientific Reports</i> , 2020 , 10, 1310	4.9	15
123	6mer Seed Toxicity in Viral microRNAs. <i>IScience</i> , 2020 , 23, 100737	6.1	7
122	Small interfering RNAs based on huntingtin trinucleotide repeats are highly toxic to cancer cells. <i>EMBO Reports</i> , 2018 , 19,	6.5	20
121	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
120	DISE: A Seed-Dependent RNAi Off-Target Effect That Kills Cancer Cells. <i>Trends in Cancer</i> , 2018 , 4, 10-19	12.5	12
119	CD95/Fas ligand mRNA is toxic to cells. <i>ELife</i> , 2018 , 7,	8.9	19
118	Identification of DISE-inducing shRNAs by monitoring cellular responses. <i>Cell Cycle</i> , 2018 , 17, 506-514	4.7	10
117	Non-apoptotic Fas (CD95) Signaling on T Cells Regulates the Resolution of Th2-Mediated Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 2521	8.4	8
116	Trinucleotide Repeat Expansion Diseases, RNAi, and Cancer. <i>Trends in Cancer</i> , 2018 , 4, 684-700	12.5	11
115	6mer seed toxicity in tumor suppressive microRNAs. <i>Nature Communications</i> , 2018 , 9, 4504	17.4	18
114	CD95/Fas Increases Stemness in Cancer Cells by Inducing a STAT1-Dependent Type I Interferon Response. <i>Cell Reports</i> , 2017 , 18, 2373-2386	10.6	46

113	Cancer-Associated IDH1 Promotes Growth and Resistance to Targeted Therapies in the Absence of Mutation. <i>Cell Reports</i> , 2017 , 19, 1858-1873	10.6	104
112	Many si/shRNAs can kill cancer cells by targeting multiple survival genes through an off-target mechanism. <i>ELife</i> , 2017 , 6,	8.9	35
111	Induction of DISE in ovarian cancer cells. <i>Oncotarget</i> , 2017 , 8, 84643-84658	3.3	21
110	Genomics of Ovarian Cancer Progression Reveals Diverse Metastatic Trajectories Including Intraepithelial Metastasis to the Fallopian Tube. <i>Cancer Discovery</i> , 2016 , 6, 1342-1351	24.4	116
109	miR-182 integrates apoptosis, growth, and differentiation programs in glioblastoma. <i>Genes and Development</i> , 2015 , 29, 732-45	12.6	153
108	CD95 and CD95L promote and protect cancer stem cells. <i>Nature Communications</i> , 2014 , 5, 5238	17.4	55
107	Cell type-restricted activity of hnRNPM promotes breast cancer metastasis via regulating alternative splicing. <i>Genes and Development</i> , 2014 , 28, 1191-203	12.6	143
106	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014 , 5, 12472-508	3.3	301
105	DICE: A novel tumor surveillance mechanism-a new therapy for cancer?. <i>Cell Cycle</i> , 2014 , 13, 1373-8	4.7	4
104	Death induced by CD95 or CD95 ligand elimination. <i>Cell Reports</i> , 2014 , 7, 208-22	10.6	47
103	miRConnect 2.0: identification of oncogenic, antagonistic miRNA families in three human cancers. <i>BMC Genomics</i> , 2013 , 14, 179	4.5	16
102	Let-7 modulates acquired resistance of ovarian cancer to Taxanes via IMP-1-mediated stabilization of multidrug resistance 1. <i>International Journal of Cancer</i> , 2012 , 130, 1787-97	7.5	115
101	MicroRNAs reprogram normal fibroblasts into cancer-associated fibroblasts in ovarian cancer. <i>Cancer Discovery</i> , 2012 , 2, 1100-8	24.4	254
100	Fas ligand-Fas signaling participates in light-induced apoptotic death in photoreceptor cells 2012 , 53, 3703-16		13
99	CD95 is part of a let-7/p53/miR-34 regulatory network. <i>PLoS ONE</i> , 2012 , 7, e49636	3.7	23
98	Adipocytes promote ovarian cancer metastasis and provide energy for rapid tumor growth. <i>Nature Medicine</i> , 2011 , 17, 1498-503	50.5	1295
97	Coordinated epigenetic repression of the miR-200 family and miR-205 in invasive bladder cancer. <i>International Journal of Cancer</i> , 2011 , 128, 1327-34	7.5	301
96	Foretinib (GSK1363089), an orally available multikinase inhibitor of c-Met and VEGFR-2, blocks proliferation, induces anoikis, and impairs ovarian cancer metastasis. <i>Clinical Cancer Research</i> , 2011 , 17, 4042-51	12.9	87

95	miRConnect: identifying effector genes of miRNAs and miRNA families in cancer cells. <i>PLoS ONE</i> , 2011 , 6, e26521	3.7	35
94	CD95 promotes tumour growth. <i>Nature</i> , 2010 , 465, 492-6	50.4	286
93	The role of let-7 in cell differentiation and cancer. <i>Endocrine-Related Cancer</i> , 2010 , 17, F19-36	5.7	509
92	miR-200c regulates induction of apoptosis through CD95 by targeting FAP-1. <i>Molecular Cell</i> , 2010 , 38, 908-15	17.6	143
91	Regulating cancer stem cells the miR way. <i>Cell Stem Cell</i> , 2010 , 6, 4-6	18	22
90	Cell death in the colonic epithelium during inflammatory bowel diseases: CD95/Fas and beyond. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 1071-6	4.5	26
89	CD95 is cytoprotective for intestinal epithelial cells in colitis. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 1063-70	4.5	17
88	Synthesis of a high-purity chemical library reveals a potent inducer of oxidative stress. <i>ChemBioChem</i> , 2010 , 11, 1224-7	3.8	4
87	FOXO3a Mediates Both the Pro-Survival and Proapoptotic Effects of Glucocorticoids In Acute Lymphoblastic Leukemia. <i>Blood</i> , 2010 , 116, 1822-1822	2.2	
86	Let-7 and miR-200 microRNAs: guardians against pluripotency and cancer progression. <i>Cell Cycle</i> , 2009 , 8, 843-52	4.7	354
85	PTEN loss promotes mitochondrially dependent type II Fas-induced apoptosis via PEA-15. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1222-34	4.8	36
84	The miR-200 family determines the epithelial phenotype of cancer cells by targeting the E-cadherin repressors ZEB1 and ZEB2. <i>Genes and Development</i> , 2008 , 22, 894-907	12.6	1780
83	microRNAs and death receptors. <i>Cytokine and Growth Factor Reviews</i> , 2008 , 19, 303-11	17.9	31
82	Loss of E-cadherin promotes ovarian cancer metastasis via alpha 5-integrin, which is a therapeutic target. <i>Cancer Research</i> , 2008 , 68, 2329-39	10.1	282
81	Identification of let-7-regulated oncofetal genes. <i>Cancer Research</i> , 2008 , 68, 2587-91	10.1	177
80	Methods to analyze the palmitoylated CD95 high molecular weight death-inducing signaling complex. <i>Methods in Enzymology</i> , 2008 , 442, 83-100	1.7	1
79	CD95 signaling deficient mice with a wild-type hematopoietic system are prone to hepatic neoplasia. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008 , 13, 41-51	5.4	13
78	ROS eliminate danger. <i>Immunity</i> , 2008 , 29, 1-2	32.3	30

77	How apoptosis got the immune system in shape. <i>European Journal of Immunology</i> , 2007 , 37 Suppl 1, S61-70	53
76	Palmitoylation of CD95 facilitates formation of SDS-stable receptor aggregates that initiate apoptosis signaling. <i>EMBO Journal</i> , 2007 , 26, 221-31	13 127
75	Serine protease inhibitor 6-deficient mice have increased neutrophil immunity to <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2007 , 179, 4390-6	5.3 8
74	Let-7 prevents early cancer progression by suppressing expression of the embryonic gene HMGA2. <i>Cell Cycle</i> , 2007 , 6, 2585-90	4.7 197
73	Let-7 expression defines two differentiation stages of cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11400-5	11.5 397
72	The CD95 receptor: apoptosis revisited. <i>Cell</i> , 2007 , 129, 447-50	56.2 327
71	Assays of endogenous caspase activities: a comparison of mass spectrometry and fluorescence formats. <i>Analytical Chemistry</i> , 2006 , 78, 4945-51	7.8 48
70	Serine protease inhibitor 6 protects cytotoxic T cells from self-inflicted injury by ensuring the integrity of cytotoxic granules. <i>Immunity</i> , 2006 , 24, 451-61	32.3 98
69	The role of receptor internalization in CD95 signaling. <i>EMBO Journal</i> , 2006 , 25, 1009-23	13 205
68	Local gene density predicts the spatial position of genetic loci in the interphase nucleus. <i>Experimental Cell Research</i> , 2005 , 311, 14-26	4.2 54
67	Phosphorylation of FADD at serine 194 by CKI α regulates its nonapoptotic activities. <i>Molecular Cell</i> , 2005 , 19, 321-32	17.6 122
66	Nonapoptotic functions of FADD-binding death receptors and their signaling molecules. <i>Current Opinion in Cell Biology</i> , 2005 , 17, 610-6	9 110
65	Does CD95 have tumor promoting activities?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2005 , 1755, 25-36	11.2 47
64	A role for caspase-8 and c-FLIPL in proliferation and cell-cycle progression of primary hepatocytes. <i>Carcinogenesis</i> , 2005 , 26, 2086-94	4.6 42
63	Identification of SNF1/AMP kinase-related kinase as an NF-kappaB-regulated anti-apoptotic kinase involved in CD95-induced motility and invasiveness. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46742-7	5.4 56
62	The relevance of NF-kappaB for CD95 signaling in tumor cells. <i>Cell Cycle</i> , 2004 , 3, 1235-9	4.7 31
61	CD95 ligand induces motility and invasiveness of apoptosis-resistant tumor cells. <i>EMBO Journal</i> , 2004 , 23, 3175-85	13 243
60	Induction of apoptosis and activation of NF-kappaB by CD95 require different signalling thresholds. <i>EMBO Reports</i> , 2004 , 5, 1084-9	6.5 80

59	Intermediate filaments control the intracellular distribution of caspases during apoptosis. <i>American Journal of Pathology</i> , 2004 , 164, 395-407	5.8	52
58	The flip side of FLIP. <i>Biochemical Journal</i> , 2004 , 382, e1-3	3.8	89
57	Cell cycle effects by C-FADD depend on its C-terminal phosphorylation site. <i>Journal of Biological Chemistry</i> , 2003 , 278, 41585-8	5.4	41
56	Gadd45 beta mediates the protective effects of CD40 costimulation against Fas-induced apoptosis. <i>Blood</i> , 2003 , 102, 3270-9	2.2	71
55	Interdimer processing mechanism of procaspase-8 activation. <i>EMBO Journal</i> , 2003 , 22, 4132-42	13	199
54	NF-kappaB protects from the lysosomal pathway of cell death. <i>EMBO Journal</i> , 2003 , 22, 5313-22	13	92
53	Regulation of apoptosis by ubiquitination. <i>Immunological Reviews</i> , 2003 , 193, 39-47	11.3	69
52	The death effector domain protein family. <i>Oncogene</i> , 2003 , 22, 8634-44	9.2	84
51	Actin dependent CD95 internalization is specific for Type I cells. <i>FEBS Letters</i> , 2003 , 546, 185-8	3.8	34
50	The TNF receptor 1: a split personality complex. <i>Cell</i> , 2003 , 114, 148-50	56.2	63
49	The CD95 type I/type II model. <i>Seminars in Immunology</i> , 2003 , 15, 185-93	10.7	349
48	Two CD95 tumor classes with different sensitivities to antitumor drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 11445-50	11.5	90
47	Apoptosis-independent functions of killer caspases. <i>Current Opinion in Cell Biology</i> , 2002 , 14, 721-6	9	97
46	c-FLIP(L) is a dual function regulator for caspase-8 activation and CD95-mediated apoptosis. <i>EMBO Journal</i> , 2002 , 21, 3704-14	13	428
45	DEDD regulates degradation of intermediate filaments during apoptosis. <i>Journal of Cell Biology</i> , 2002 , 158, 1051-66	7.3	71
44	Inactivation of caspase-8 on mitochondria of Bcl-xL-expressing MCF7-Fas cells: role for the bifunctional apoptosis regulator protein. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4351-60	5.4	88
43	Molecular ordering of the initial signaling events of CD95. <i>Molecular and Cellular Biology</i> , 2002 , 22, 207-208		340
42	Phosphatidylinositol 3-kinase blocks CD95 aggregation and caspase-8 cleavage at the death-inducing signaling complex by modulating lateral diffusion of CD95. <i>Journal of Immunology</i> , 2001 , 166, 6564-9	5.3	78

41	The death effector domain-associated factor plays distinct regulatory roles in the nucleus and cytoplasm. <i>Journal of Biological Chemistry</i> , 2001 , 276, 31945-52	5.4	61
40	Apoptosis and caspases. <i>Cardiology Clinics</i> , 2001 , 19, 13-29	2.5	39
39	Signaling through the Death Receptor CD95 (APO-1/FAS). <i>Scientific World Journal, The</i> , 2001 , 1, 90	2.2	
38	Expression of c-FLIPL and resistance to CD95-mediated apoptosis of monocyte-derived dendritic cells: inhibition by bisindolylmaleimide. <i>Blood</i> , 2000 , 95, 3478-3482	2.2	99
37	Identification of the cytolinker plectin as a major early in vivo substrate for caspase 8 during CD95- and tumor necrosis factor receptor-mediated apoptosis. <i>Molecular and Cellular Biology</i> , 2000 , 20, 5665-79	4.8	136
36	Analysis of the CD95 (APO-1/Fas) death-inducing signaling complex by high-resolution two-dimensional gel electrophoresis. <i>Methods in Enzymology</i> , 2000 , 322, 363-73	1.7	18
35	Phosphorylation of FADD/ MORT1 at serine 194 and association with a 70-kDa cell cycle-regulated protein kinase. <i>Journal of Immunology</i> , 2000 , 164, 1236-42	5.3	134
34	Expression of c-FLIPL and resistance to CD95-mediated apoptosis of monocyte-derived dendritic cells: inhibition by bisindolylmaleimide. <i>Blood</i> , 2000 , 95, 3478-3482	2.2	2
33	The role of c-FLIP in modulation of CD95-induced apoptosis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 1541-8	5.4	632
32	Apoptosis signaling in lymphocytes. <i>Current Opinion in Immunology</i> , 1999 , 11, 277-85	7.8	172
31	Differences between CD95 type I and II cells detected with the CD95 ligand. <i>Cell Death and Differentiation</i> , 1999 , 6, 821-2	12.7	74
30	Differential modulation of apoptosis sensitivity in CD95 type I and type II cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22532-8	5.4	461
29	Isolation and analysis of components of CD95 (APO-1/Fas) death-inducing signaling complex. <i>Methods</i> , 1999 , 17, 287-91	4.6	40
28	The death receptors. <i>Results and Problems in Cell Differentiation</i> , 1999 , 23, 25-63	1.4	59
27	Activation of mitochondria and release of mitochondrial apoptogenic factors by betulinic acid. <i>Journal of Biological Chemistry</i> , 1998 , 273, 33942-8	5.4	270
26	Activation of the CD95 (APO-1/Fas) pathway in drug- and gamma-irradiation-induced apoptosis of brain tumor cells. <i>Cell Death and Differentiation</i> , 1998 , 5, 884-93	12.7	113
25	Apoptosis signaling by death receptors. <i>FEBS Journal</i> , 1998 , 254, 439-59		745
24	Mechanisms of CD95 (APO-1/Fas)-mediated apoptosis. <i>Current Opinion in Immunology</i> , 1998 , 10, 545-51	7.8	416

23	Bcl-xL acts downstream of caspase-8 activation by the CD95 death-inducing signaling complex. <i>Journal of Biological Chemistry</i> , 1998 , 273, 3388-93	5.4	89
22	Caspase Activation Is Required for Nitric Oxide Mediated, CD95(APO-1/Fas) Dependent and Independent Apoptosis in Human Neoplastic Lymphoid Cells. <i>Blood</i> , 1998 , 91, 4311-4320	2.2	83
21	Caspase Activation Is Required for Nitric Oxide Mediated, CD95(APO-1/Fas) Dependent and Independent Apoptosis in Human Neoplastic Lymphoid Cells. <i>Blood</i> , 1998 , 91, 4311-4320	2.2	3
20	Tumorimmunologie 1998 , 159-172		
19	Tumor Immunology 1998 , 153-165		
18	FLICE is predominantly expressed as two functionally active isoforms, caspase-8/a and caspase-8/b. <i>Journal of Biological Chemistry</i> , 1997 , 272, 26953-8	5.4	332
17	Viral FLICE-inhibitory proteins (FLIPs) prevent apoptosis induced by death receptors. <i>Nature</i> , 1997 , 386, 517-21	50.4	1143
16	Resistance of cultured peripheral T cells towards activation-induced cell death involves a lack of recruitment of FLICE (MACH/caspase 8) to the CD95 death-inducing signaling complex. <i>European Journal of Immunology</i> , 1997 , 27, 1207-12	6.1	154
15	Cleavage of FLICE (caspase-8) by granzyme B during cytotoxic T lymphocyte-induced apoptosis. <i>European Journal of Immunology</i> , 1997 , 27, 3492-8	6.1	126
14	S-adenosylhomocysteine as a physiological modulator of Apo-1-mediated apoptosis. <i>International Immunology</i> , 1996 , 8, 1139-47	4.9	31
13	FLICE, a novel FADD-homologous ICE/CED-3-like protease, is recruited to the CD95 (Fas/APO-1) death-inducing signaling complex. <i>Cell</i> , 1996 , 85, 817-27	56.2	2715
12	FADD/MORT1 is a common mediator of CD95 (Fas/APO-1) and tumor necrosis factor receptor-induced apoptosis. <i>Journal of Biological Chemistry</i> , 1996 , 271, 4961-5	5.4	598
11	APO-1 (CD95)-dependent and -independent antigen receptor-induced apoptosis in human T and B cell lines. <i>International Immunology</i> , 1995 , 7, 1873-7	4.9	59
10	Mapping small GTP-binding proteins on high-resolution two-dimensional gels by a combination of GTP binding and labeling with in situ periodate-oxidized GTP. <i>Electrophoresis</i> , 1994 , 15, 283-8	3.6	21
9	Characterization of the GTP/GDP binding site in the murine CD3-zeta polypeptide chain. <i>Immunology Letters</i> , 1994 , 43, 167-75	4.1	3
8	The role of APO-1-mediated apoptosis in the immune system. <i>Immunological Reviews</i> , 1994 , 142, 175-91	11.3	227
7	Covalent binding of guanine nucleotides to the CD3-gamma chain of the T cell receptor/CD3 complex. <i>European Journal of Immunology</i> , 1993 , 23, 461-6	6.1	5
6	Interaction of the isolated domain II/III of Thermus thermophilus elongation factor Tu with the nucleotide exchange factor EF-Ts. <i>Nucleic Acids Research</i> , 1990 , 18, 6889-93	20.1	34

5	Identification of the N-tosyl-L-phenylalanyl chloromethylketone modification site in <i>Thermus thermophilus</i> elongation factor Tu. <i>FEBS Letters</i> , 1989 , 257, 219-22	3.8	10
4	6mer Seed Toxicity Determines Strand Selection in miRNAs		1
3	Identification of the toxic 6mer seed consensus in human cancer cells		2
2	The balance between toxic versus nontoxic microRNAs determines platinum sensitivity in ovarian cancer		1
1	SPOROS: A pipeline to analyze DISE/6mer seed toxicity		1