James A Decaprio

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The product of the retinoblastoma susceptibility gene has properties of a cell cycle regulatory element. Cell, 1989, 58, 1085-1095.	28.9	942
2	Expression cloning of a cDNA encoding a retinoblastoma-binding protein with E2F-like properties. Cell, 1992, 70, 351-364.	28.9	916
3	Growth inhibition by TGF-β linked to suppression of retinoblastoma protein phosphorylation. Cell, 1990, 62, 175-185.	28.9	791
4	Telomerase Maintains Telomere Structure in Normal Human Cells. Cell, 2003, 114, 241-253.	28.9	689
5	Binding and modulation of p53 by p300/CBP coactivators. Nature, 1997, 387, 823-827.	27.8	664
6	The transcription factor E2F interacts with the retinoblastoma product and a p107-cyclin A complex in a cell cycle-regulated manner. Cell, 1992, 68, 157-166.	28.9	621
7	Enumeration of the Simian Virus 40 Early Region Elements Necessary for Human Cell Transformation. Molecular and Cellular Biology, 2002, 22, 2111-2123.	2.3	575
8	Identification of cellular proteins that can interact specifically with the T/EIA-binding region of the retinoblastoma gene product. Cell, 1991, 64, 521-532.	28.9	572
9	SV40 large T antigen binds preferentially to an underphosphorylated member of the retinoblastoma susceptibility gene product family. Cell, 1989, 56, 57-65.	28.9	526
10	14-3-3 transits to the nucleus and participates in dynamic nucleocytoplasmic transport. Journal of Cell Biology, 2002, 156, 817-828.	5.2	501
11	The DREAM complex: master coordinator of cell cycle-dependent gene expression. Nature Reviews Cancer, 2013, 13, 585-595.	28.4	425
12	The retinoblastoma susceptibility gene product undergoes cell cycle-dependent dephosphorylation and binding to and release from SV40 large T. Cell, 1990, 60, 387-396.	28.9	402
13	Merkel cell carcinoma. Nature Reviews Disease Primers, 2017, 3, 17077.	30.5	393
14	Ras signalling linked to the cell-cycle machinery by the retinoblastoma protein. Nature, 1997, 386, 177-181.	27.8	358
15	Interpreting cancer genomes using systematic host network perturbations by tumour virus proteins. Nature, 2012, 487, 491-495.	27.8	349
16	Evolutionarily Conserved Multisubunit RBL2/p130 and E2F4 Protein Complex Represses Human Cell Cycle-Dependent Genes in Quiescence. Molecular Cell, 2007, 26, 539-551.	9.7	347
17	Cellular transformation by SV40 large T antigen: interaction with host proteins. Seminars in Cancer Biology, 2001, 11, 15-23.	9.6	325
18	A cornucopia of human polyomaviruses. Nature Reviews Microbiology, 2013, 11, 264-276.	28.6	290

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19	An N-Terminal transformation-governing sequence of SV40 large T antigen contributes to the binding of both p110 and a second cellular protein, p120. Cell, 1989, 58, 257-267.	28.9	285
20	Structure of the replicative helicase of the oncoprotein SV40 large tumour antigen. Nature, 2003, 423, 512-518.	27.8	278
21	The MuvB complex sequentially recruits B-Myb and FoxM1 to promote mitotic gene expression. Genes and Development, 2012, 26, 474-489.	5.9	264
22	Integration of TP53, DREAM, MMB-FOXM1 and RB-E2F target gene analyses identifies cell cycle gene regulatory networks. Nucleic Acids Research, 2016, 44, 6070-6086.	14.5	263
23	A Compendium of Potential Biomarkers of Pancreatic Cancer. PLoS Medicine, 2009, 6, e1000046.	8.4	260
24	Cytoplasmic Localization of Human cdc25C during Interphase Requires an Intact 14-3-3 Binding Site. Molecular and Cellular Biology, 1999, 19, 4465-4479.	2.3	258
25	DYRK1A protein kinase promotes quiescence and senescence through DREAM complex assembly. Genes and Development, 2011, 25, 801-813.	5.9	231
26	The biology and treatment of Merkel cell carcinoma: current understanding and research priorities. Nature Reviews Clinical Oncology, 2018, 15, 763-776.	27.6	219
27	Improved detection suggests all Merkel cell carcinomas harbor Merkel polyomavirus. Journal of Clinical Investigation, 2012, 122, 4645-4653.	8.2	192
28	Viral Oncoproteins Discriminate between p53 and the p53 Homolog p73. Molecular and Cellular Biology, 1998, 18, 6316-6324.	2.3	179
29	The Tumor Suppressor PP2A AÎ ² Regulates the RalA GTPase. Cell, 2007, 129, 969-982.	28.9	179
30	NFATc2-Mediated Repression of Cyclin-Dependent Kinase 4 Expression. Molecular Cell, 2002, 10, 1071-1081.	9.7	176
31	RBP1 Recruits Both Histone Deacetylase-Dependent and -Independent Repression Activities to Retinoblastoma Family Proteins. Molecular and Cellular Biology, 1999, 19, 6632-6641.	2.3	156
32	The J Domain of Simian Virus 40 Large T Antigen Is Required To Functionally Inactivate RB Family Proteins. Molecular and Cellular Biology, 1998, 18, 1408-1415.	2.3	150
33	Nuclear interferon-inducible protein 16 promotes silencing of herpesviral and transfected DNA. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4492-501.	7.1	146
34	Cellular transformation by Simian Virus 40 and Murine Polyoma Virus T antigens. Seminars in Cancer Biology, 2009, 19, 218-228.	9.6	135
35	Targeted disruption of <i>p185/Cul7</i> gene results in abnormal vascular morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9855-9860.	7.1	134
36	Proteomics-based Target Identification. Journal of Biological Chemistry, 2003, 278, 52964-52971.	3.4	132

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37	Bcl-2 Retards Cell Cycle Entry through p27 Kip1 , pRB Relative p130, and Altered E2F Regulation. Molecular and Cellular Biology, 2000, 20, 4745-4753.	2.3	131
38	Negative Regulation of the Stability and Tumor Suppressor Function of Fbw7 by the Pin1 Prolyl Isomerase. Molecular Cell, 2012, 46, 771-783.	9.7	128
39	Is There a Role for SV40 in Human Cancer?. Journal of Clinical Oncology, 2006, 24, 4356-4365.	1.6	118
40	The Genomic Landscape of Merkel Cell Carcinoma and Clinicogenomic Biomarkers of Response to Immune Checkpoint Inhibitor Therapy. Clinical Cancer Research, 2019, 25, 5961-5971.	7.0	118
41	HIRA, the Human Homologue of Yeast Hir1p and Hir2p, Is a Novel Cyclin-cdk2 Substrate Whose Expression Blocks S-Phase Progression. Molecular and Cellular Biology, 2001, 21, 1854-1865.	2.3	114
42	How the Rb tumor suppressor structure and function was revealed by the study of Adenovirus and SV40. Virology, 2009, 384, 274-284.	2.4	112
43	Transcriptional landscape of the human cell cycle. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3473-3478.	7.1	110
44	A kinase shRNA screen links LATS2 and the pRB tumor suppressor. Genes and Development, 2011, 25, 814-830.	5.9	107
45	Merkel Cell Polyomavirus Large T Antigen Has Growth-Promoting and Inhibitory Activities. Journal of Virology, 2013, 87, 6118-6126.	3.4	105
46	Viral Perturbations of Host Networks Reflect Disease Etiology. PLoS Computational Biology, 2012, 8, e1002531.	3.2	102
47	[7] Cell synchronization. Methods in Enzymology, 1995, 254, 114-124.	1.0	100
48	Cells Degrade a Novel Inhibitor of Differentiation with E1A-Like Properties upon Exiting the Cell Cycle. Molecular and Cellular Biology, 2000, 20, 8889-8902.	2.3	100
49	Merkel Cell Polyomavirus Exhibits Dominant Control of the Tumor Genome and Transcriptome in Virus-Associated Merkel Cell Carcinoma. MBio, 2017, 8, .	4.1	100
50	Treatment of myeloid leukemic cells with the phosphatase inhibitor okadaic acid induces cell cycle arrest at either G1/S or G2/M depending on dose. Journal of Cellular Physiology, 1992, 150, 484-492.	4.1	94
51	The CHR promoter element controls cell cycle-dependent gene transcription and binds the DREAM and MMB complexes. Nucleic Acids Research, 2012, 40, 1561-1578.	14.5	90
52	Epidemiology, biology and therapy of Merkel cell carcinoma: conclusions from the EU project IMMOMEC. Cancer Immunology, Immunotherapy, 2018, 67, 341-351.	4.2	88
53	Inhibition of Rb Phosphorylation Leads to mTORC2-Mediated Activation of Akt. Molecular Cell, 2016, 62, 929-942.	9.7	87
54	Rictor Forms a Complex with Cullin-1 to Promote SGK1 Ubiquitination and Destruction. Molecular Cell, 2010, 39, 797-808.	9.7	84

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55	Merkel cell polyomavirus recruits MYCL to the EP400 complex to promote oncogenesis. PLoS Pathogens, 2017, 13, e1006668.	4.7	84
56	Discrimination between Sialic Acid-Containing Receptors and Pseudoreceptors Regulates Polyomavirus Spread in the Mouse. Journal of Virology, 1999, 73, 5826-5832.	3.4	79
57	Merkel cell polyomavirus and Merkel cell carcinoma. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160276.	4.0	78
58	Plakophilin3 downregulation leads to a decrease in cell adhesion and promotes metastasis. International Journal of Cancer, 2008, 123, 2303-2314.	5.1	77
59	Processing, localization, and requirement of human separase for normal anaphase progression. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4574-4579.	7.1	76
60	Cul7/p185/p193 Binding to Simian Virus 40 Large T Antigen Has a Role in Cellular Transformation. Journal of Virology, 2004, 78, 2749-2757.	3.4	73
61	The DREAM Complex Mediates GIST Cell Quiescence and Is a Novel Therapeutic Target to Enhance Imatinib-Induced Apoptosis. Cancer Research, 2013, 73, 5120-5129.	0.9	72
62	Coordinating gene expression during the cell cycle. Trends in Biochemical Sciences, 2022, 47, 1009-1022.	7.5	72
63	Structure of a Glomulin-RBX1-CUL1 Complex: Inhibition of a RING E3 Ligase through Masking of Its E2-Binding Surface. Molecular Cell, 2012, 47, 371-382.	9.7	71
64	A Murine Model of Chronic Lymphocytic Leukemia Based on B Cell-Restricted Expression of Sf3b1 Mutation and Atm Deletion. Cancer Cell, 2019, 35, 283-296.e5.	16.8	71
65	Clinical and molecular characterization of virus-positive and virus-negative Merkel cell carcinoma. Genome Medicine, 2020, 12, 30.	8.2	71
66	APC/C and SCF cyclin F Constitute a Reciprocal Feedback Circuit Controlling S-Phase Entry. Cell Reports, 2016, 16, 3359-3372.	6.4	70
67	Tumorigenic Activity of Merkel Cell Polyomavirus T Antigens Expressed in the Stratified Epithelium of Mice. Cancer Research, 2015, 75, 1068-1079.	0.9	65
68	Dual inhibition of MDM2 and MDM4 in virus-positive Merkel cell carcinoma enhances the p53 response. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1027-1032.	7.1	64
69	Nucleocytoplasmic Shuttling of p130/RBL2: Novel Regulatory Mechanism. Molecular and Cellular Biology, 2002, 22, 453-468.	2.3	60
70	Merkel Cell Polyomavirus Small T Antigen Promotes Pro-Glycolytic Metabolic Perturbations Required for Transformation. PLoS Pathogens, 2016, 12, e1006020.	4.7	60
71	The Glomuvenous Malformation Protein Glomulin Binds Rbx1 and Regulates Cullin RING Ligase-Mediated Turnover of Fbw7. Molecular Cell, 2012, 46, 67-78.	9.7	59
72	Molecular Pathogenesis of Merkel Cell Carcinoma. Annual Review of Pathology: Mechanisms of Disease, 2021, 16, 69-91.	22.4	59

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73	Subtype heterogeneity and epigenetic convergence in neuroendocrine prostate cancer. Nature Communications, 2021, 12, 5775.	12.8	59
74	Identification of FAM111A as an SV40 Host Range Restriction and Adenovirus Helper Factor. PLoS Pathogens, 2012, 8, e1002949.	4.7	58
75	14-3-3 Family Members Act Coordinately to Regulate Mitotic Progression. Cell Cycle, 2004, 3, 670-675.	2.6	57
76	Merkel Cell Carcinoma: A Population Analysis on Survival. Journal of the National Comprehensive Cancer Network: JNCCN, 2016, 14, 1247-1257.	4.9	57
77	PARC and CUL7 Form Atypical Cullin RING Ligase Complexes. Cancer Research, 2007, 67, 2006-2014.	0.9	56
78	Inhibition of Simian Virus 40 Large T Antigen Helicase Activity by Fluoroquinolones. Antiviral Therapy, 2007, 12, 1-6.	1.0	55
79	Pervasive generation of non-canonical subgenomic RNAs by SARS-CoV-2. Genome Medicine, 2020, 12, 108.	8.2	54
80	Phosphorylation of the retinoblastoma-related protein p130 in growth-arrested cells. Oncogene, 2000, 19, 5116-5122.	5.9	53
81	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. Developmental Cell, 2019, 48, 329-344.e5.	7.0	53
82	Calcineurin regulation of the mammalian G0/G1 checkpoint element, cyclin dependent kinase 4. Oncogene, 2000, 19, 2820-2827.	5.9	52
83	PP2A-Mediated Regulation of Ras Signaling in G2 Is Essential for Stable Quiescence and Normal G1 Length. Molecular Cell, 2014, 54, 932-945.	9.7	52
84	Feedback regulation of the MBF transcription factor by cyclin Cig2. Nature Cell Biology, 2001, 3, 1043-1050.	10.3	51
85	p53 Targets Simian Virus 40 Large T Antigen for Acetylation by CBP. Journal of Virology, 2004, 78, 8245-8253.	3.4	51
86	The Role of the J domain of SV40 Large T in Cellular Transformation. Biologicals, 1999, 27, 23-28.	1.4	49
87	Cyclin D–CDK4 relieves cooperative repression of proliferation and cell cycle gene expression by DREAM and RB. Oncogene, 2019, 38, 4962-4976.	5.9	49
88	Glycogen Synthase Kinase 3 Phosphorylates RBL2/p130 during Quiescence. Molecular and Cellular Biology, 2004, 24, 8970-8980.	2.3	47
89	RB, p130Âand p107 differentially repress G1/S and G2/M genes after p53 activation. Nucleic Acids Research, 2019, 47, 11197-11208.	14.5	47
90	Merkel cell polyomavirus activates LSD1-mediated blockade of non-canonical BAF to regulate transformation and tumorigenesis. Nature Cell Biology, 2020, 22, 603-615.	10.3	47

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91	STRIPAK directs PP2A activity toward MAP4K4 to promote oncogenic transformation of human cells. ELife, 2020, 9, .	6.0	46
92	Disruption of the <i>Fbxw8</i> Gene Results in Pre- and Postnatal Growth Retardation in Mice. Molecular and Cellular Biology, 2008, 28, 743-751.	2.3	45
93	Simian Virus 40 Large T Antigen's Association with the CUL7 SCF Complex Contributes to Cellular Transformation. Journal of Virology, 2005, 79, 11685-11692.	3.4	43
94	Real-world outcomes treating patients with advanced cutaneous squamous cell carcinoma with immune checkpoint inhibitors (CPI). British Journal of Cancer, 2020, 123, 1535-1542.	6.4	42
95	CHK1 Inhibitor Blocks Phosphorylation of FAM122A and Promotes Replication Stress. Molecular Cell, 2020, 80, 410-422.e6.	9.7	38
96	CDC7-independent G1/S transition revealed by targeted protein degradation. Nature, 2022, 605, 357-365.	27.8	38
97	SMCX and components of the TIP60 complex contribute to E2 regulation of the HPV E6/E7 promoter. Virology, 2014, 468-470, 311-321.	2.4	32
98	DYRK1A regulates the recruitment of 53BP1 to the sites of DNA damage in part through interaction with RNF169. Cell Cycle, 2019, 18, 531-551.	2.6	32
99	Targeting of p300/CREB Binding Protein Coactivators by Simian Virus 40 Is Mediated through p53. Journal of Virology, 2006, 80, 4292-4303.	3.4	31
100	Cabozantinib in Patients with Advanced Merkel Cell Carcinoma. Oncologist, 2018, 23, 814-821.	3.7	30
101	Dimerization of CUL7 and PARC Is Not Required for All CUL7 Functions and Mouse Development. Molecular and Cellular Biology, 2005, 25, 5579-5589.	2.3	29
102	pRB-Dependent, J Domain-Independent Function of Simian Virus 40 Large T Antigen in Override of p53 Growth Suppression. Journal of Virology, 2000, 74, 864-874.	3.4	28
103	Loss of the Mammalian DREAM Complex Deregulates Chondrocyte Proliferation. Molecular and Cellular Biology, 2014, 34, 2221-2234.	2.3	28
104	Activation of a DNA Damage Checkpoint Response in a TAF1-Defective Cell Line. Molecular and Cellular Biology, 2004, 24, 5332-5339.	2.3	25
105	Loss of p19 ARF Eliminates the Requirement for the pRB-Binding Motif in Simian Virus 40 Large T Antigen-Mediated Transformation. Molecular and Cellular Biology, 2000, 20, 7624-7633.	2.3	24
106	A novel p53-binding domain in CUL7. Biochemical and Biophysical Research Communications, 2006, 348, 132-138.	2.1	24
107	MMB-FOXM1-driven premature mitosis is required for CHK1 inhibitor sensitivity. Cell Reports, 2021, 34, 108808.	6.4	24
108	AMP-activated protein kinase is essential for survival in chronic hypoxia. Biochemical and Biophysical Research Communications, 2008, 370, 230-234.	2.1	22

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109	Malawi Polyomavirus Is a Prevalent Human Virus That Interacts with Known Tumor Suppressors. Journal of Virology, 2015, 89, 857-862.	3.4	21
110	Proteomic Landscape of Tissue-Specific Cyclin E Functions in Vivo. PLoS Genetics, 2016, 12, e1006429.	3.5	20
111	SV40 Large T Antigen Promotes Dephosphorylation of p130. Journal of Biological Chemistry, 2003, 278, 46482-46487.	3.4	19
112	Contribution of DNA Replication to the FAM111A-Mediated Simian Virus 40 Host Range Phenotype. Journal of Virology, 2019, 93, .	3.4	19
113	TargetGeneReg 2.0: a comprehensive web-atlas for p53, p63, and cell cycle-dependent gene regulation. NAR Cancer, 2022, 4, zcac009.	3.1	19
114	Merkel Cell Polyomavirus: Oncogenesis in a Stable Genome. Viruses, 2022, 14, 58.	3.3	18
115	The carboxyl-terminal domain of large T antigen rescues SV40 host range activity in trans independent of acetylation. Virology, 2006, 349, 212-221.	2.4	17
116	Does <i>Arabidopsis thaliana</i> <scp>DREAM</scp> of cell cycle control?. EMBO Journal, 2015, 34, 1987-1989.	7.8	16
117	Molecular Cloning and Characterization of the von Hippel-Lindau-Like Protein. Molecular Cancer Research, 2004, 2, 43-52.	3.4	14
118	Disrupting the DREAM complex enables proliferation of adult human pancreatic \hat{l}^2 cells. Journal of Clinical Investigation, 2022, 132, .	8.2	14
119	Merkel Cell Carcinoma in the HIV-1/AIDS Patient. Cancer Treatment and Research, 2019, 177, 211-229.	0.5	11
120	Comprehensive metagenomic analysis of blastic plasmacytoid dendritic cell neoplasm. Blood Advances, 2020, 4, 1006-1011.	5.2	10
121	An analysis of the use of targeted therapies in patients with advanced Merkel cell carcinoma and an evaluation of genomic correlates of response. Cancer Medicine, 2021, 10, 5889-5896.	2.8	10
122	Merkel Cell Carcinoma Sensitivity to EZH2 Inhibition Is Mediated by SIX1 Derepression. Journal of Investigative Dermatology, 2022, 142, 2783-2792.e15.	0.7	10
123	Addiction of Merkel cell carcinoma to MUC1-C identifies a potential new target for treatment. Oncogene, 2022, 41, 3511-3523.	5.9	10
124	Reversal of viral and epigenetic HLA class I repression in Merkel cell carcinoma. Journal of Clinical Investigation, 2022, 132, .	8.2	10
125	The DREAM complex in antitumor activity of imatinib mesylate in gastrointestinal stromal tumors. Current Opinion in Oncology, 2014, 26, 415-421.	2.4	9
126	Merkel cell polyomavirus large T antigen binding to pRb promotes skin hyperplasia and tumor development. PLoS Pathogens, 2022, 18, e1010551.	4.7	9

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127	The Merkel Cell Polyomavirus T Antigens Function as Tumor Promoters in Murine Skin. Cancers, 2021, 13, 222.	3.7	8
128	Simultaneous expression of MMB-FOXM1 complex components enables efficient bypass of senescence. Scientific Reports, 2021, 11, 21506.	3.3	8
129	Long-read sequencing reveals complex patterns of wraparound transcription in polyomaviruses. PLoS Pathogens, 2022, 18, e1010401.	4.7	8
130	Expression of the Human Retinoblastoma Gene Product in Mouse Fibroblasts: Effects on Cell Proliferation and Susceptibility to Transformation. Experimental Cell Research, 1993, 207, 99-106.	2.6	6
131	ViroPanel. Journal of Molecular Diagnostics, 2020, 22, 476-487.	2.8	6
132	Predictors of immunotherapy benefit in Merkel cell carcinoma. Oncotarget, 2020, 11, 4401-4410.	1.8	5
133	Milademetan is a highly potent MDM2 inhibitor in Merkel cell carcinoma. JCI Insight, 2022, 7, .	5.0	5
134	Western blot screening for monoclonal antibodies against human separase. Journal of Immunological Methods, 2003, 274, 105-113.	1.4	4
135	Association of Programmed Death 1 Protein Ligand (PD-L1) Expression With Prognosis in Merkel Cell Carcinoma. Frontiers in Medicine, 2020, 7, 198.	2.6	4
136	Association between treatment center experience and survival after diagnosis of stage I to III Merkel cell carcinoma treated with surgery with or without postoperative radiation therapy. Journal of the American Academy of Dermatology, 2021, 84, 875-877.	1.2	3
137	Comprehensive genomic profiling of advanced Merkel cell carcinoma to reveal insights into immunotherapy response Journal of Clinical Oncology, 2018, 36, 9523-9523.	1.6	2
138	An open label, multicenter, phase II study of KRT-232, an oral small molecule inhibitor of MDM2, for the treatment of patients with Merkel cell carcinoma (MCC) who have failed treatment with anti-PD-1/L1 immunotherapy Journal of Clinical Oncology, 2019, 37, TPS9602-TPS9602.	1.6	2
139	Differences between gene mutation profile and outcome of Merkel cell polyomavirus (MCPyV) positive and negative Merkel cell carcinoma (MCC) Journal of Clinical Oncology, 2016, 34, 9577-9577.	1.6	0
140	David M. Livingston 1941–2021. Nature Cancer, 2021, 2, 1276-1277.	13.2	0
141	Mass Spectrometry Based Identification of Novel HLA Class I Restricted Peptides in Merkel Cell Carcinoma. FASEB Journal, 2022, 36, .	0.5	0