Dawidson Assis Gomes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers2,912
citations32
h-index49
g-index128
ext. papers3,397
ext. citations4.3
avg, IF4.9
L-index

#	Paper	IF	Citations
120	The type III inositol 1,4,5-trisphosphate receptor preferentially transmits apoptotic Ca2+ signals into mitochondria. <i>Journal of Biological Chemistry</i> , 2005 , 280, 40892-900	5.4	215
119	Apoptotic hepatocyte DNA inhibits hepatic stellate cell chemotaxis via toll-like receptor 9. <i>Hepatology</i> , 2007 , 46, 1509-18	11.2	186
118	Inflammasome-mediated regulation of hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G1248-57	5.1	166
117	c-Met must translocate to the nucleus to initiate calcium signals. <i>Journal of Biological Chemistry</i> , 2008 , 283, 4344-51	5.4	115
116	Cyclic AMP regulates bicarbonate secretion in cholangiocytes through release of ATP into bile. <i>Gastroenterology</i> , 2007 , 133, 1592-602	13.3	111
115	Nucleoplasmic calcium is required for cell proliferation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 1706	1584	100
114	Stem cells and calcium signaling. Advances in Experimental Medicine and Biology, 2012, 740, 891-916	3.6	82
113	Oxidized multiwalled carbon nanotubes as antigen delivery system to promote superior CD8(+) T cell response and protection against cancer. <i>Nano Letters</i> , 2014 , 14, 5458-70	11.5	79
112	Nuclear Ca2+ regulates cardiomyocyte function. <i>Cell Calcium</i> , 2008 , 44, 230-42	4	65
111	Endothelial differentiation of human stem cells seeded onto electrospun polyhydroxybutyrate/polyhydroxybutyrate-co-hydroxyvalerate fiber mesh. <i>PLoS ONE</i> , 2012 , 7, e35422	3.7	63
110	Intra-bone marrow injection of mesenchymal stem cells improves the femur bone mass of osteoporotic female rats. <i>Connective Tissue Research</i> , 2010 , 51, 426-33	3.3	61
109	Multifunctional mesoporous silica nanoparticles for cancer-targeted, controlled drug delivery and imaging. <i>Microporous and Mesoporous Materials</i> , 2017 , 242, 271-283	5.3	60
108	Inheritance of DNA transferred from American trypanosomes to human hosts. <i>PLoS ONE</i> , 2010 , 5, e918	1 3.7	52
107	Succinate modulates Ca(2+) transient and cardiomyocyte viability through PKA-dependent pathway. <i>Cell Calcium</i> , 2010 , 47, 37-46	4	51
106	Insulin induces calcium signals in the nucleus of rat hepatocytes. <i>Hepatology</i> , 2008 , 48, 1621-31	11.2	50
105	Priming mesenchymal stem cells boosts stem cell therapy to treat myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 617-25	5.6	42
104	Epidermal growth factor receptors destined for the nucleus are internalized via a clathrin-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 412, 341-6	3.4	42

103	Stem Cell Extracellular Vesicles in Skin Repair. <i>Bioengineering</i> , 2018 , 6,	5.3	41
102	Doxorubicin Cardiotoxicity and Cardiac Function Improvement After Stem Cell Therapy Diagnosed by Strain Echocardiography. <i>Journal of Cancer Science & Therapy</i> , 2013 , 5, 52-57	5	40
101	Folate-coated, long-circulating and pH-sensitive liposomes enhance doxorubicin antitumor effect in a breast cancer animal model. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 118, 109323	7.5	39
100	Extracellular Vesicles from Adipose-Derived Mesenchymal Stem/Stromal Cells Accelerate Migration and Activate AKT Pathway in Human Keratinocytes and Fibroblasts Independently of miR-205 Activity. <i>Stem Cells International</i> , 2017 , 2017, 9841035	5	39
99	Lipid rafts establish calcium waves in hepatocytes. <i>Gastroenterology</i> , 2007 , 133, 256-67	13.3	39
98	ETocopherol succinate improves encapsulation and anticancer activity of doxorubicin loaded in solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 140, 246-253	6	38
97	The spatial distribution of inositol 1,4,5-trisphosphate receptor isoforms shapes Ca2+ waves. Journal of Biological Chemistry, 2007 , 282, 10057-10067	5.4	38
96	Familial germline mutation defines a new human cohesinopathy. <i>Npj Genomic Medicine</i> , 2017 , 2, 7	6.2	37
95	Calcium signaling in the nucleus. Canadian Journal of Physiology and Pharmacology, 2006, 84, 325-32	2.4	35
94	Human adipose tissue-derived stem cells cultured in xeno-free culture condition enhance c-MYC expression increasing proliferation but bypassing spontaneous cell transformation. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 76	8.3	34
93	Characterization and induction of cementoblast cell proliferation by bioactive glass nanoparticles. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012 , 6, 813-21	4.4	34
92	Characterization of the tumor suppressor gene WWOX in primary human oral squamous cell carcinomas. <i>International Journal of Cancer</i> , 2006 , 118, 1154-8	7.5	34
91	Nuclear calcium signaling: a cell within a cell. <i>Brazilian Journal of Medical and Biological Research</i> , 2009 , 42, 17-20	2.8	33
90	Impairment of stress granule assembly via inhibition of the eIF2alpha phosphorylation sensitizes glioma cells to chemotherapeutic agents. <i>Journal of Neuro-Oncology</i> , 2016 , 127, 253-60	4.8	32
89	Effects of different ligands on epidermal growth factor receptor (EGFR) nuclear translocation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 39-45	3.4	32
88	Type 3 Inositol 1,4,5-Trisphosphate Receptor Is Increased and Enhances Malignant Properties in Cholangiocarcinoma. <i>Hepatology</i> , 2020 , 71, 583-599	11.2	32
87	Doxorubicin has in vivo toxicological effects on ex vivo cultured mesenchymal stem cells. <i>Toxicology Letters</i> , 2014 , 224, 380-6	4.4	28
86	An Assessment of the Potential Use of BNNTs for Boron Neutron Capture Therapy. <i>Nanomaterials</i> , 2017 , 7,	5.4	26

85	Intracellular calcium signals regulate growth of hepatic stellate cells via specific effects on cell cycle progression. <i>Cell Calcium</i> , 2009 , 45, 284-92	4	26
84	Cytosolic calcium regulates liver regeneration in the rat. <i>Hepatology</i> , 2010 , 52, 602-11	11.2	26
83	Neuroprotection and immunomodulation following intraspinal axotomy of motoneurons by treatment with adult mesenchymal stem cells. <i>Journal of Neuroinflammation</i> , 2018 , 15, 230	10.1	25
82	Human serum is a suitable supplement for the osteogenic differentiation of human adipose-derived stem cells seeded on poly-3-hydroxibutyrate-co-3-hydroxyvalerate scaffolds. <i>Tissue Engineering - Part A</i> , 2013 , 19, 277-89	3.9	24
81	Hormonal regulation of nuclear permeability. <i>Journal of Biological Chemistry</i> , 2007 , 282, 4210-7	5.4	22
80	IFN-EDependent Recruitment of CD4(+) T Cells and Macrophages Contributes to Pathogenesis During Leishmania amazonensis Infection. <i>Journal of Interferon and Cytokine Research</i> , 2015 , 35, 935-47	3.5	21
79	Improved In Vitro Antileukemic Activity of All-Trans Retinoic Acid Loaded in Cholesteryl Butyrate Solid Lipid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 1291-300	1.3	21
78	Versican and Tumor-Associated Macrophages Promotes Tumor Progression and Metastasis in Canine and Murine Models of Breast Carcinoma. <i>Frontiers in Oncology</i> , 2019 , 9, 577	5.3	20
77	Second-Sphere Effects in Dinuclear FeZn Hydrolase Biomimetics: Tuning Binding and Reactivity Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 187-203	5.1	20
76	Tumour-associated macrophages: Relation with progression and invasiveness, and assessment of M1/M2 macrophages in canine mammary tumours. <i>Veterinary Journal</i> , 2018 , 234, 119-125	2.5	19
75	Crotoxin from Crotalus durissus terrificus snake venom induces the release of glutamate from cerebrocortical synaptosomes via N and P/Q calcium channels. <i>Toxicon</i> , 2014 , 85, 5-16	2.8	19
74	Immunization with recombinant Pb27 protein reduces the levels of pulmonary fibrosis caused by the inflammatory response against Paracoccidioides brasiliensis. <i>Mycopathologia</i> , 2015 , 179, 31-43	2.9	17
73	Alkaline phosphatase expression/activity and multilineage differentiation potential are the differences between fibroblasts and orbital fat-derived stem cellsa study in animal serum-free culture conditions. Stem Cell Reviews and Reports, 2014, 10, 697-711	6.4	17
72	Nanostructured lipid carriers loaded with tributyrin as an alternative to improve anticancer activity of all-trans retinoic acid. <i>Expert Review of Anticancer Therapy</i> , 2015 , 15, 247-56	3.5	17
71	Identification and functional analysis of Trypanosoma cruzi genes that encode proteins of the glycosylphosphatidylinositol biosynthetic pathway. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2369	4.8	17
70	SET domain-containing Protein 4 (SETD4) is a Newly Identified Cytosolic and Nuclear Lysine Methyltransferase involved in Breast Cancer Cell Proliferation. <i>Journal of Cancer Science & Therapy</i> , 2013 , 5, 58-65	5	17
69	Nucleoplasmic Calcium Buffering Sensitizes Human Squamous Cell Carcinoma to Anticancer Therapy. <i>Journal of Cancer Science & Therapy</i> , 2012 , 04,	5	16
68	Inner nuclear membrane localization of epidermal growth factor receptor (EGFR) in spontaneous canine model of invasive micropapillary carcinoma of the mammary gland. <i>Pathology Research and Practice</i> 2016 212 340-4	3.4	15

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67	CLA-supplemented diet accelerates experimental colorectal cancer by inducing TGF-Eproducing macrophages and T cells. <i>Mucosal Immunology</i> , 2019 , 12, 188-199	9.2	15
66	Immunization with rP22 induces protective immunity against Schistosoma mansoni: effects on granuloma down-modulation and cytokine production. <i>Immunology Letters</i> , 2011 , 141, 123-33	4.1	14
65	Mesoporous silica SBA-16/hydroxyapatite-based composite for ciprofloxacin delivery to bacterial bone infection. <i>Journal of Sol-Gel Science and Technology</i> , 2018 , 85, 369-381	2.3	13
64	Protection of normal cells from irradiation bystander effects by silica-flufenamic acid nanoparticles. Journal of Materials Science: Materials in Medicine, 2018 , 29, 130	4.5	13
63	The In Vitro and In Vivo Antiangiogenic Effects of Flavokawain B. <i>Phytotherapy Research</i> , 2017 , 31, 1607	-6. 6 13	13
62	Neuroprotective potential of Ayahuasca and untargeted metabolomics analyses: applicability to Parkinson disease. <i>Journal of Ethnopharmacology</i> , 2020 , 255, 112743	5	12
61	IL-1🛮s Involved with the Generation of Pain in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , 2016 , 53, 6540-6547	6.2	12
60	Whole venom of Loxosceles similis activates caspases-3, -6, -7, and -9 in human primary skin fibroblasts. <i>Toxicon</i> , 2014 , 84, 56-64	2.8	12
59	Nuclear localization of epidermal growth factor receptor (EGFR) in ameloblastomas. <i>Oncotarget</i> , 2015 , 6, 9679-85	3.3	12
58	The Relationship Between E-Cadherin and its Transcriptional Repressors in Spontaneously Arising Canine Invasive Micropapillary Mammary Carcinoma. <i>Journal of Comparative Pathology</i> , 2015 , 153, 256-6	i 5	11
57	Adenine induces differentiation of rat hepatic stellate cells. <i>Digestive Diseases and Sciences</i> , 2012 , 57, 2371-8	4	11
56	Immunogenicity and protective efficacy of a new Leishmania hypothetical protein applied as a DNA vaccine or in a recombinant form against Leishmania infantum infection. <i>Molecular Immunology</i> , 2019 , 106, 108-118	4.3	11
55	Inhibition of the osteogenic differentiation of mesenchymal stem cells derived from the offspring of rats treated with caffeine during pregnancy and lactation. <i>Connective Tissue Research</i> , 2016 , 57, 131-4	13.3	10
54	Persistent testicular structural and functional alterations after exposure of adult rats to atrazine. <i>Reproductive Toxicology</i> , 2017 , 73, 201-213	3.4	10
53	Dopamine release evoked by beta scorpion toxin, tityus gamma, in prefrontal cortical slices is mediated by intracellular calcium stores. <i>Cellular and Molecular Neurobiology</i> , 2004 , 24, 757-67	4.6	10
52	Antigenicity, immunogenicity and protective efficacy of a conserved Leishmania hypothetical protein against visceral leishmaniasis. <i>Parasitology</i> , 2018 , 145, 740-751	2.7	10
51	Calcium Signaling in Cholangiocytes: Methods, Mechanisms, and Effects. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
50	BNNT/FeDIsystem as an Efficient Tool for Magnetohyperthermia Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 6746-6755	1.3	10

49	Epidermal growth factor (EGF) triggers nuclear calcium signaling through the intranuclear phospholipase CE4 (PLCA). <i>Journal of Biological Chemistry</i> , 2019 , 294, 16650-16662	5.4	9
48	Epithelial basement membrane of human decellularized cornea as a suitable substrate for differentiation of embryonic stem cells into corneal epithelial-like cells. <i>Materials Science and Engineering C</i> , 2020 , 116, 111215	8.3	9
47	TLR 9 involvement in early protection induced by immunization with rPb27 against Paracoccidioidomycosis. <i>Microbes and Infection</i> , 2016 , 18, 137-47	9.3	9
46	Biodegradable Polymers Grafted onto Multifunctional Mesoporous Silica Nanoparticles for Gene Delivery. <i>ChemEngineering</i> , 2018 , 2, 24	2.6	9
45	New developments of RNAi in Paracoccidioides brasiliensis: prospects for high-throughput, genome-wide, functional genomics. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3173	4.8	9
44	Effect of ionizing radiation exposure on Trypanosoma cruzi ubiquitin-proteasome system. <i>Molecular and Biochemical Parasitology</i> , 2017 , 212, 55-67	1.9	8
43	89Sr-doped hydroxyapatite nanoparticles as a potential therapeutic agent for bone tumors. <i>International Journal of Applied Ceramic Technology</i> , 2019 , 16, 1904-1919	2	7
42	Anti-Toxoplasma activity and impact evaluation of lyophilization, hot molding process, and gamma-irradiation techniques on CLH-PLGA intravitreal implants. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 10	4.5	7
41	Toxicity and in vivo release profile of sirolimus from implants into the vitreous of rabbitsReyes. <i>Documenta Ophthalmologica</i> , 2019 , 138, 3-19	2.2	7
40	Phospholipase C delta 4 (PLCI) is a nuclear protein involved in cell proliferation and senescence in mesenchymal stromal stem cells. <i>Cellular Signalling</i> , 2018 , 49, 59-67	4.9	7
39	Hybrid polymeric systems of mesoporous silica/hydroxyapatite nanoparticles applied as antitumor drug delivery platform. <i>International Journal of Applied Ceramic Technology</i> , 2019 , 16, 1836-1849	2	6
38	Production of Human Endothelial Cells Free from Soluble Xenogeneic Antigens for Bioartificial Small Diameter Vascular Graft Endothelization. <i>BioMed Research International</i> , 2015 , 2015, 652474	3	6
37	Central nervous system (CNS) tumor cell heterogeneity contributes to differential platinum-based response in an in vitro 2D and 3D cell culture approach. <i>Experimental and Molecular Pathology</i> , 2020 , 116, 104520	4.4	6
36	The DNA damage response is developmentally regulated in the African trypanosome. <i>DNA Repair</i> , 2019 , 73, 78-90	4.3	6
35	Expression of epidermal growth factor receptor (EGFR) in cholangiocarcinomas: predictive factors and survival. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 2018 , 45, e1826	0.5	6
34	Translocation of Epidermal Growth Factor (EGF) to the nucleus has distinct kinetics between adipose tissue-derived mesenchymal stem cells and a mesenchymal cancer cell lineage. <i>Journal of Structural Biology</i> , 2018 , 202, 61-69	3.4	5
33	Genomic and phenotypic profiles of two Brazilian breast cancer cell lines derived from primary human tumors. <i>Oncology Reports</i> , 2013 , 29, 1299-307	3.5	5
32	DNA aptamers selection for carcinoembryonic antigen (CEA). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127278	2.9	5

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31	Cobalt-containing bioactive glass mimics vascular endothelial growth factor A and hypoxia inducible factor 1 function. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 1051-1064	5.4	5	
30	Cytoplasmic-targeted parvalbumin blocks the proliferation of multipotent mesenchymal stromal cells in prophase. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 92	8.3	4	
29	Role of protein kinase A signaling pathway in cyclosporine nephrotoxicity. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 369-76	3.6	4	
28	The investigation of transcriptional repression mediated by ZEB2 in canine invasive micropapillary carcinoma in mammary gland. <i>PLoS ONE</i> , 2019 , 14, e0209497	3.7	3	
27	Glyphosate-based herbicide induces toxic effects on human adipose-derived mesenchymal stem cells grown in human plasma. <i>Comparative Clinical Pathology</i> , 2018 , 27, 989-1000	0.9	3	
26	PnTx2-6 (or ECNTX-Pn2a), a toxin from Phoneutria nigriventer spider venom, releases l-glutamate from rat brain synaptosomes involving Na and Ca channels and changes protein expression at the blood-brain barrier. <i>Toxicon</i> , 2018 , 150, 280-288	2.8	2	
25	Identification of a new Schistosoma mansoni SMYB1 partner: putative roles in RNA metabolism. <i>Parasitology</i> , 2013 , 140, 1085-95	2.7	2	
24	Effect of radiation treatment on newly established human breast cancer cell lines MACL-1 and MGSO-3. <i>Tumor Biology</i> , 2010 , 31, 189-97	2.9	2	
23	Liposomes co-encapsulating doxorubicin and glucoevatromonoside derivative induce synergic cytotoxic response against breast cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 136, 11112	3 7·5	2	
22	Boron nitride nanotube@NiFeO: a highly efficient system for magnetohyperthermia therapy. <i>Nanomedicine</i> , 2019 , 14, 3075-3088	5.6	2	
21	Selection of DNA Aptamers for Differentiation of Human Adipose-Derived Mesenchymal Stem Cells from Fibroblasts. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 3704-3718	3.2	2	
20	Human adipose-derived stromal/stem cells are distinct from dermal fibroblasts as evaluated by biological characterization and RNA sequencing. <i>Cell Biochemistry and Function</i> , 2021 , 39, 442-454	4.2	2	
19	PreservaB da proteBa verde fluorescente no tecido Eseo descalcificado. <i>Ciencia Rural</i> , 2010 , 40, 2146-21	5 03	1	
18	Roles of mesenchymal stromal cells in the head and neck cancer microenvironment. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112269	7.5	1	
17	The basis of nuclear phospholipase C in cell proliferation. <i>Advances in Biological Regulation</i> , 2021 , 82, 100834	6.2	1	
16	Surface modification and biological evaluation of kojic acid/silica nanoparticles as platforms for biomedical systems. <i>International Journal of Applied Ceramic Technology</i> , 2020 , 17, 380-391	2	1	
15	Characterization of neoplastic cells outlining the cystic space of invasive micropapillary carcinoma of the canine mammary gland. <i>BMC Veterinary Research</i> , 2021 , 17, 130	2.7	1	
14	Neuroprotective Effect of siRNA Entrapped in Hyaluronic Acid-Coated Lipoplexes by Intravitreal Administration. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1	

13	Dual anticancer and antibacterial activities of bismuth compounds based on asymmetric [NNPO] ligands. <i>Journal of Inorganic Biochemistry</i> , 2021 , 222, 111522	4.2	1
12	Synthesis and characterization of gold nanorods coated by mesoporous silica MCM-41 as a platform bioapplication in photohyperthermia. <i>Nanotechnology</i> , 2021 , 32,	3.4	1
11	The synthetic peptide PnPP-19 potentiates erectile function via nNOS and iNOS. <i>Nitric Oxide - Biology and Chemistry</i> , 2021 , 113-114, 23-30	5	1
10	Long-term dexamethasone treatment increases the engraftment efficiency of human breast cancer cells in adult zebrafish. <i>Fish and Shellfish Immunology Reports</i> , 2021 , 2, 100007	2	1
9	Induction of Corneal Epithelial Differentiation of Induced Pluripotent and Orbital Fat-Derived Stem Cells Seeded on Decellularized Human Corneas <i>Stem Cell Reviews and Reports</i> , 2022 , 1	7.3	1
8	Human Stem Cell-Derived Retinal Pigment Epithelial Cells as a Model for Drug Screening and Pre-Clinical Assays Compared to ARPE-19 Cell Line. <i>International Journal of Stem Cells</i> , 2021 , 14, 74-84	3	О
7	Adipose-derived stem/stromal cell secretome modulates breast cancer cell proliferation and differentiation state towards aggressiveness. <i>Biochimie</i> , 2021 , 191, 69-77	4.6	O
6	Cyclic adenosine monophosphate protects renal cell lines against amphotericin B toxicity in a PKA-independent manner. <i>Drug and Chemical Toxicology</i> , 2016 , 39, 28-34	2.3	
5	Genlipo e expression da proteila fluorescente verde melhorada em ratos da linhagem LEW-Tg (EGFP) F455.5/Rrrc. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2013 , 50, 87	0.3	
4	Extract from Arrabidaea chica (Fridericia chica) leaves show preventive action for the mitigation of doxorubicin-induced cardiotoxicity. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2021 , 73, 513	3-576	
3	Characterization of a protein with unknown function (LinJ.30.3360) in Leishmania amazonensis and Leishmania infantum. <i>Experimental Parasitology</i> , 2021 , 221, 108048	2.1	
2	Phenotypic changes on central nervous system (CNS) tumor cell lines cultured in vitro 2D and 3D models and treated with cisplatin. <i>Acta Histochemica</i> , 2021 , 123, 151768	2	
1	Evaluation of the immunomodulatory activity of thalidomide on tumor-associated macrophages in the 4T1 murine metastatic breast cancer model. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> 2021, 73, 1334-1345	0.3	