

# Julio Benavides

## List of Publications by Year in descending order

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117  
papers

2,328  
citations

249298

26  
h-index

355658

38  
g-index

120  
all docs

120  
docs citations

120  
times ranked

2205  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Combined Expression of the Nonstructural Protein NS1 and the N-Terminal Half of NS2 (NS2) Tj ETQq1 1 0.784314 rgBT /Overlooked by the Bluetongue Virus Challenge. <i>Journal of Virology</i> , 2022, 96, JVI0161421.	1.5	5
2	Influence of vaccination against paratuberculosis on the diagnosis of caprine tuberculosis during official eradication programmes in Castilla y LeÃ3n (Spain). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 692-703.	1.3	5
3	<i>Fasciola hepatica</i> co-infection enhances Th1 immune response in the adventitial layer of non-fertile <i>Echinococcus granulosus</i> cysts. <i>Veterinary Parasitology</i> , 2021, 290, 109343.	0.7	1
4	Pathological Study of Facial Eczema (Pithomycototoxicosis) in Sheep. <i>Animals</i> , 2021, 11, 1070.	1.0	3
5	Early response of monocyte-derived macrophages from vaccinated and non-vaccinated goats against in vitro infection with <i>Mycobacterium avium</i> subsp. paratuberculosis. <i>Veterinary Research</i> , 2021, 52, 69.	1.1	10
6	In vivo and in vitro models show unexpected degrees of virulence among <i>Toxoplasma gondii</i> type II and III isolates from sheep. <i>Veterinary Research</i> , 2021, 52, 82.	1.1	14
7	Analysis of immune responses to attenuated alcelaphine herpesvirus 1 formulated with and without adjuvant. <i>Vaccine: X</i> , 2021, 8, 100090.	0.9	2
8	Direct economic losses of <i>Toxoplasma gondii</i> abortion outbreaks in two Spanish sheep flocks. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2021, 26, 100623.	0.3	5
9	Accurate Diagnosis of Small Ruminant Lentivirus Infection Is Needed for Selection of Resistant Sheep through TMEM154 E35K Genotyping. <i>Pathogens</i> , 2021, 10, 83.	1.2	11
10	A short-term treatment with BKI-1294 does not protect foetuses from sheep experimentally infected with <i>Neospora caninum</i> tachyzoites during pregnancy. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 176-185.	1.4	5
11	Dynamics of <i>Neospora caninum</i> -Associated Abortions in a Dairy Sheep Flock and Results of a Test-and-Cull Control Programme. <i>Pathogens</i> , 2021, 10, 1518.	1.2	12
12	Influence of Heterologous and Homologous Vaccines, and Their Components, on the Host Immune Response and Protection Against Experimental Caprine Paratuberculosis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 744568.	0.9	4
13	Lymphocyte Populations in the Adventitial Layer of Hydatid Cysts in Cattle: Relationship With Cyst Fertility Status and <i>Fasciola Hepatica</i> Co-Infection. <i>Veterinary Pathology</i> , 2020, 57, 108-114.	0.8	13
14	Evaluation of the Efficacy of a New Commercially Available Inactivated Vaccine Against Ovine Enzootic Abortion. <i>Frontiers in Veterinary Science</i> , 2020, 7, 593.	0.9	8
15	Maternal immune response in the placenta of sheep during recrudescence of natural congenital infection of <i>Neospora caninum</i> . <i>Veterinary Parasitology</i> , 2020, 285, 109204.	0.7	11
16	Isolation, Genotyping, and Mouse Virulence Characterization of <i>Toxoplasma gondii</i> From Free Ranging Iberian Pigs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 604782.	0.9	15
17	Isolation and genetic characterization of <i>Toxoplasma gondii</i> in Spanish sheep flocks. <i>Parasites and Vectors</i> , 2020, 13, 396.	1.0	20
18	Optimized in vitro isolation of different subpopulation of immune cells from peripheral blood and comparative techniques for generation of monocyte-derived macrophages in small ruminants. <i>Veterinary Immunology and Immunopathology</i> , 2020, 230, 110131.	0.5	7

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19	Production Significance of Bovine Respiratory Disease Lesions in Slaughtered Beef Cattle. <i>Animals</i> , 2020, 10, 1770.	1.0	17
20	A protective bivalent vaccine against Rift Valley fever and bluetongue. <i>Npj Vaccines</i> , 2020, 5, 70.	2.9	22
21	Assessment of Acute-Phase Protein Response Associated with the Different Pathological Forms of Bovine Paratuberculosis. <i>Animals</i> , 2020, 10, 1925.	1.0	9
22	Characterization of Fetal Brain Damage in Early Abortions of Ovine Toxoplasmosis. <i>Veterinary Pathology</i> , 2020, 57, 535-544.	0.8	9
23	Macrophages and T Lymphocytes in the Ovine Placenta After Experimental Infection With <i>Toxoplasma gondii</i> . <i>Veterinary Pathology</i> , 2020, 57, 545-549.	0.8	8
24	Crosstalk between <i>Neospora caninum</i> and the bovine host at the maternal-foetal interface determines the outcome of infection. <i>Veterinary Research</i> , 2020, 51, 83.	1.1	12
25	Heterologous Combination of ChAdOx1 and MVA Vectors Expressing Protein NS1 as Vaccination Strategy to Induce Durable and Cross-Protective CD8+ T Cell Immunity to Bluetongue Virus. <i>Vaccines</i> , 2020, 8, 346.	2.1	15
26	Causes of Mortality and Disease in Rabbits and Hares: A Retrospective Study. <i>Animals</i> , 2020, 10, 158.	1.0	18
27	Local assessment of WC1+ $\gamma\delta$ T lymphocyte subset in the different types of lesions associated with bovine paratuberculosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 69, 101422.	0.7	4
28	Cell mediated and innate immune responses in pigs following vaccination and challenge with <i>Toxoplasma</i> parasites. <i>Veterinary Parasitology</i> , 2019, 275, 108963.	0.7	3
29	Peripheral and placental immune responses in sheep after experimental infection with <i>Toxoplasma gondii</i> at the three terms of gestation. <i>Veterinary Research</i> , 2019, 50, 66.	1.1	14
30	Effects of challenge dose and inoculation route of the virulent <i>Neospora caninum</i> Nc-Spain7 isolate in pregnant cattle at mid-gestation. <i>Veterinary Research</i> , 2019, 50, 68.	1.1	11
31	Early <i>Neospora caninum</i> infection dynamics in cattle after inoculation at mid-gestation with high (Nc-Spain7)- or low (Nc-Spain1H)-virulence isolates. <i>Veterinary Research</i> , 2019, 50, 72.	1.1	21
32	Treatment with Bumped Kinase Inhibitor 1294 Is Safe and Leads to Significant Protection against Abortion and Vertical Transmission in Sheep Experimentally Infected with <i>Toxoplasma gondii</i> during Pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	23
33	<i>Toxoplasma gondii</i> infection and toxoplasmosis in farm animals: Risk factors and economic impact. <i>Food and Waterborne Parasitology</i> , 2019, 15, e00037.	1.1	206
34	Tissue Tropism of Chicken Anaemia Virus in Naturally Infected Broiler Chickens. <i>Journal of Comparative Pathology</i> , 2019, 167, 32-40.	0.1	7
35	Systemic Necrotizing Vasculitis in Sheep Is Associated With Ovine Herpesvirus 2. <i>Veterinary Pathology</i> , 2019, 56, 87-92.	0.8	15
36	Safety and efficacy of the bumped kinase inhibitor BKI-1553 in pregnant sheep experimentally infected with <i>Neospora caninum</i> tachyzoites. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 112-124.	1.4	28

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37	Grain grinding size of cereals in complete pelleted diets for growing lambs: Effects on ruminal microbiota and fermentation. <i>Small Ruminant Research</i> , 2018, 159, 38-44.	0.6	11
38	Early feed restriction of lambs modifies ileal epimural microbiota and affects immunity parameters during the fattening period. <i>Animal</i> , 2018, 12, 2115-2122.	1.3	7
39	Moderated milk replacer restriction of ewe lambs alters gut immunity parameters during the pre-weaning period and impairs liver function and animal performance during the replacement phase. <i>Animal Feed Science and Technology</i> , 2018, 243, 80-89.	1.1	7
40	Detection and dissemination of <i>Toxoplasma gondii</i> in experimentally infected calves, a single test does not tell the whole story. <i>Parasites and Vectors</i> , 2018, 11, 45.	1.0	28
41	Influence of dose and route of administration on the outcome of infection with the virulent <i>Neospora caninum</i> isolate Nc-Spain7 in pregnant sheep at mid-gestation. <i>Veterinary Research</i> , 2018, 49, 42.	1.1	8
42	Effect of parasite dose and host age on the infection with <i>Besnoitia besnoiti</i> tachyzoites in cattle. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1979-1990.	1.3	6
43	Virulence in Mice of a <i>Toxoplasma gondii</i> Type II Isolate Does Not Correlate With the Outcome of Experimental Infection in Pregnant Sheep. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 436.	1.8	35
44	Immunological Homeostasis at the Ovine Placenta May Reflect the Degree of Maternal Fetal Interaction. <i>Frontiers in Immunology</i> , 2018, 9, 3025.	2.2	7
45	Macrophage Subsets Within Granulomatous Intestinal Lesions in Bovine Paratuberculosis. <i>Veterinary Pathology</i> , 2017, 54, 82-93.	0.8	41
46	Effect of dietary supplementation with carnolic acid or vitamin E on animal performance, haematological and immunological characteristics of artificially reared suckling lambs before and after road transport. <i>Archives of Animal Nutrition</i> , 2017, 71, 272-284.	0.9	8
47	Ovine Toxoplasmosis: A New Look at its Pathogenesis. <i>Journal of Comparative Pathology</i> , 2017, 157, 34-38.	0.1	33
48	Immunohistochemical expression of interferon- $\gamma$ in different types of granulomatous lesions associated with bovine paratuberculosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2017, 51, 1-8.	0.7	9
49	Detection of Bovine Viral Diarrhoea Virus 2 as the Cause of Abortion Outbreaks on Commercial Sheep Flocks. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 19-26.	1.3	25
50	Genetic characterization of <i>Neospora caninum</i> from aborted bovine foetuses in Aguascalientes, Mexico. <i>Veterinary Parasitology</i> , 2016, 228, 183-187.	0.7	11
51	Systemic and local immune responses in sheep after <i>Neospora caninum</i> experimental infection at early, mid and late gestation. <i>Veterinary Research</i> , 2016, 47, 2.	1.1	32
52	Experimental ovine toxoplasmosis: influence of the gestational stage on the clinical course, lesion development and parasite distribution. <i>Veterinary Research</i> , 2016, 47, 43.	1.1	40
53	A post-mortem study of respiratory disease in small mustelids in south-west England. <i>BMC Veterinary Research</i> , 2016, 12, 72.	0.7	20
54	Experimental caprine neosporosis: the influence of gestational stage on the outcome of infection. <i>Veterinary Research</i> , 2016, 47, 29.	1.1	26

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55	Total mixed ration pellets for light fattening lambs: effects on animal health. <i>Animal</i> , 2015, 9, 258-266.	1.3	24
56	Immunohistochemical study and mRNA cytokine profile of the local immune response in cattle naturally infected with <i>Calicophoron daubneyi</i> . <i>Veterinary Parasitology</i> , 2015, 214, 178-183.	0.7	6
57	Generalized severe junctional epidermolysis bullosa with congenital absence of skin in churra lambs. <i>Veterinary Dermatology</i> , 2015, 26, 367.	0.4	5
58	Vaccination of pigs with the S48 strain of <i>Toxoplasma gondii</i> "safer meat for human consumption. <i>Veterinary Research</i> , 2015, 46, 47.	1.1	50
59	Diagnostic pathology in microbial diseases of sheep or goats. <i>Veterinary Microbiology</i> , 2015, 181, 15-26.	0.8	17
60	SNPs in APOBEC3 cytosine deaminases and their association with Visna/Maedi disease progression. <i>Veterinary Immunology and Immunopathology</i> , 2015, 163, 125-133.	0.5	2
61	Histological and immunohistochemical characterization of <i>Hypoderma lineatum</i> (Diptera: oestridae) warbles. <i>Veterinary Parasitology</i> , 2015, 212, 361-367.	0.7	5
62	Pathological changes in cattle naturally infected by <i>Calicophoron daubneyi</i> adult flukes. <i>Veterinary Parasitology</i> , 2015, 209, 188-196.	0.7	37
63	Virulence attenuation of a <i>Mycobacterium avium</i> subspecies paratuberculosis S-type strain prepared from intestinal mucosa after bacterial culture. Evaluation in an experimental ovine model. <i>Research in Veterinary Science</i> , 2015, 99, 180-187.	0.9	3
64	Influence of the gestational stage on the clinical course, lesional development and parasite distribution in experimental ovine neosporosis. <i>Veterinary Research</i> , 2015, 46, 19.	1.1	45
65	Combining GWAS and RNA-Seq Approaches for Detection of the Causal Mutation for Hereditary Junctional Epidermolysis Bullosa in Sheep. <i>PLoS ONE</i> , 2015, 10, e0126416.	1.1	15
66	Experimental ruminant models for bovine neosporosis: what is known and what is needed. <i>Parasitology</i> , 2014, 141, 1471-1488.	0.7	29
67	Placental thrombosis in acute phase abortions during experimental <i>Toxoplasma gondii</i> infection in sheep. <i>Veterinary Research</i> , 2014, 45, 9.	1.1	50
68	<i>Neospora caninum</i> infection during early pregnancy in cattle: how the isolate influences infection dynamics, clinical outcome and peripheral and local immune responses. <i>Veterinary Research</i> , 2014, 45, 10.	1.1	75
69	Inflammatory infiltration into placentas of <i>Neospora caninum</i> challenged cattle correlates with clinical outcome of pregnancy. <i>Veterinary Research</i> , 2014, 45, 11.	1.1	19
70	Experimental infection of lambs with C and S-type strains of <i>Mycobacterium avium</i> subspecies paratuberculosis: immunological and pathological findings. <i>Veterinary Research</i> , 2014, 45, 5.	1.1	34
71	Effects of dietary inclusion of sunflower soap stocks on nutrient digestibility, growth performance, and ruminal and blood metabolites of light fattening lambs <sup>1</sup> . <i>Journal of Animal Science</i> , 2014, 92, 4086-4094.	0.2	8
72	Immunization of lambs with the S48 strain of <i>Toxoplasma gondii</i> reduces tissue cyst burden following oral challenge with a complete strain of the parasite. <i>Veterinary Parasitology</i> , 2014, 205, 46-56.	0.7	34

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73	Neospora caninum infection as a cause of reproductive failure in a sheep flock. <i>Veterinary Research</i> , 2014, 45, 88.	1.1	57
74	Cytokine expression in the placenta of pregnant cattle after inoculation with <i>Neospora caninum</i> . <i>Veterinary Immunology and Immunopathology</i> , 2014, 161, 77-89.	0.5	11
75	<i>Calicophoron daubneyi</i> (Paramphistomidae) in slaughtered cattle in Castilla y LeÃ³n (Spain). <i>Veterinary Parasitology</i> , 2014, 199, 268-271.	0.7	36
76	Effect of dietary supplementation with flaxseed oil or vitamin E on sheep experimentally infected with <i>Fasciola hepatica</i> . <i>Research in Veterinary Science</i> , 2014, 97, 71-79.	0.9	5
77	Title is missing!. <i>Veterinary Research</i> , 2014, 45, 88.	1.1	13
78	Phenotypic characterisation of the cellular immune infiltrate in placentas of cattle following experimental inoculation with <i>Neospora caninum</i> in late gestation. <i>Veterinary Research</i> , 2013, 44, 60.	1.1	15
79	Acute and Chronic Disease Associated with Naturally Occurring T-2 Mycotoxicosis in Sheep. <i>Journal of Comparative Pathology</i> , 2013, 148, 236-242.	0.1	16
80	Quercetin and flaxseed included in the diet of fattening lambs: Effects on immune response, stress during road transport and ruminal acidosis. <i>Livestock Science</i> , 2013, 158, 84-90.	0.6	11
81	Hereditary lissencephaly and cerebellar hypoplasia in Churra lambs. <i>BMC Veterinary Research</i> , 2013, 9, 156.	0.7	5
82	Chronic bovine besnoitiosis: Intra-organ parasite distribution, parasite loads and parasite-associated lesions in subclinical cases. <i>Veterinary Parasitology</i> , 2013, 197, 95-103.	0.7	71
83	Impact of maedi-visna in intensively managed dairy sheep. <i>Veterinary Journal</i> , 2013, 197, 607-612.	0.6	24
84	Pathological Features of Systemic Necrotizing Vasculitis (Polyarteritis Nodosa) in Sheep. <i>Journal of Comparative Pathology</i> , 2013, 149, 74-81.	0.1	4
85	Metabolic acidosis corrected by including antioxidants in diets of fattening lambs. <i>Small Ruminant Research</i> , 2013, 109, 133-135.	0.6	4
86	Coexistence of Granulomatous Enteric Inflammation and Neoplasia in an Adult Sheep. <i>Veterinary Pathology</i> , 2013, 50, 1158-1162.	0.8	3
87	Pathological Findings in Young and Adult Sheep Following Experimental Infection With 2 Different Doses of <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> . <i>Veterinary Pathology</i> , 2013, 50, 857-866.	0.8	26
88	Development of maternal and foetal immune responses in cattle following experimental challenge with <i>Neospora caninum</i> at day 210 of gestation. <i>Veterinary Research</i> , 2013, 44, 91.	1.1	22
89	Identification of a 31-bp Deletion in the RELN Gene Causing Lissencephaly with Cerebellar Hypoplasia in Sheep. <i>PLoS ONE</i> , 2013, 8, e81072.	1.1	12
90	<i>Bovine herpesvirus 1</i> abortion. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 662-670.	0.5	30

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91	Host gene expression changes in cattle infected with Alcelaphine herpesvirus 1. <i>Virus Research</i> , 2012, 169, 246-254.	1.1	7
92	Perivascular inflammatory cells in ovine Visna/maedi encephalitis and their possible role in virus infection and lesion progression. <i>Journal of NeuroVirology</i> , 2012, 18, 532-537.	1.0	7
93	Differences in the peripheral immune response between lambs and adult ewes experimentally infected with <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 23-31.	0.5	19
94	Antioxidants included in the diet of fattening lambs: Effects on immune response, stress, welfare and distal gut microbiota. <i>Animal Feed Science and Technology</i> , 2012, 173, 177-185.	1.1	21
95	Duration of protective immunity and antibody responses in cattle immunised against alcelaphine herpesvirus-1-induced malignant catarrhal fever. <i>Veterinary Research</i> , 2012, 43, 51.	1.1	29
96	Study of compartmentalization in the visna clinical form of small ruminant lentivirus infection in sheep. <i>BMC Veterinary Research</i> , 2012, 8, 8.	0.7	29
97	High rate of transplacental infection and transmission of <i>Neospora caninum</i> following experimental challenge of cattle at day 210 of gestation. <i>Veterinary Research</i> , 2012, 43, 83.	1.1	32
98	Patterns of Lesion and Local Host Cellular Immune Response in Natural Cases of Ovine Maedi-Visna. <i>Journal of Comparative Pathology</i> , 2012, 147, 1-10.	0.1	10
99	Visna/Maedi virus genetic characterization and serological diagnosis of infection in sheep from a neurological outbreak. <i>Veterinary Microbiology</i> , 2012, 155, 137-146.	0.8	40
100	Developing vaccines to control protozoan parasites in ruminants: Dead or alive?. <i>Veterinary Parasitology</i> , 2011, 180, 155-163.	0.7	53
101	Dystrophic Epidermolysis Bullosa in Assaf Lambs. <i>Journal of Comparative Pathology</i> , 2011, 145, 226-230.	0.1	9
102	Development of lesions and tissue distribution of parasite in lambs orally infected with sporulated oocysts of <i>Toxoplasma gondii</i> . <i>Veterinary Parasitology</i> , 2011, 179, 209-215.	0.7	22
103	Encephalitis and Neuronal Necrosis in a 3-Month-Old Suckled Beef Calf. <i>Veterinary Pathology</i> , 2011, 48, E1-E4.	0.8	7
104	Immunohistochemical diagnosis of infectious diseases of sheep. <i>Small Ruminant Research</i> , 2010, 92, 19-35.	0.6	26
105	Lead poisoning in calves associated with eosinophilic meningitis. <i>Veterinary Record</i> , 2010, 167, 791-792.	0.2	3
106	Maedi-Visna: the Meningoencephalitis in Naturally Occurring Cases. <i>Journal of Comparative Pathology</i> , 2009, 140, 1-11.	0.1	28
107	Expression of transforming growth factor-beta 1 (TGF- $\beta$ 1) in different types of granulomatous lesions in bovine and ovine paratuberculosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009, 32, 239-252.	0.7	8
108	Lack of PrPsc immunostaining in intracranial ectopic lymphoid follicles in a sheep with concomitant non-suppurative encephalitis and Nor98-like atypical scrapie: A case report. <i>Veterinary Journal</i> , 2008, 177, 283-288.	0.6	11

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109	Unilateral Orchitis and Epididymitis Caused by <i>Salmonella Enterica</i> Subspecies <i>Diarizonae</i> Infection in a Ram. <i>Journal of Veterinary Diagnostic Investigation</i> , 2007, 19, 194-197.	0.5	26
110	Association of CD80 and CD86 Expression Levels with Disease Status of Visna/Maedi Virus Infected Sheep. <i>Viral Immunology</i> , 2007, 20, 609-622.	0.6	21
111	Diagnosis of clinical cases of the nervous form of Maedi-Visna in 4- and 6-month-old lambs. <i>Veterinary Journal</i> , 2007, 174, 655-658.	0.6	18
112	Effects of fixative type and fixation time on the detection of Maedi Visna virus by PCR and immunohistochemistry in paraffin-embedded ovine lung samples. <i>Journal of Virological Methods</i> , 2006, 137, 317-324.	1.0	26
113	Natural Cases of Visna in Sheep with Myelitis as the Sole Lesion in the Central Nervous System. <i>Journal of Comparative Pathology</i> , 2006, 134, 219-230.	0.1	16
114	Diagnosis of the nervous form of maedi-visna infection with a high frequency in sheep in Castilla y Le3n, Spain. <i>Veterinary Record</i> , 2006, 158, 230-235.	0.2	32
115	Orbital Meningioma with a Granular Cell Component in a Dog, with Extracranial Metastasis. <i>Journal of Comparative Pathology</i> , 2005, 133, 212-217.	0.1	24
116	Giant Cell Tumour of Bone in a Cat with Extraskkeletal Metastases: Pathological and Immunohistochemical Study. <i>Transboundary and Emerging Diseases</i> , 2005, 52, 225-229.	0.6	11
117	Osteoma in the Skull of a Sheep. <i>Journal of Comparative Pathology</i> , 2004, 130, 319-322.	0.1	21