Georges M Verjans

List of Publications by Year
in descending order

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126	4,698	87723 38	123241 61
papers	citations	h-index	g-index

133	133	133	5244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurotropic virus infections as the cause of immediate and delayed neuropathology. Acta Neuropathologica, 2016, 131, 159-184.	3.9	223
2	Selective retention of herpes simplex virus-specific T cells in latently infected human trigeminal ganglia. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3496-3501.	3.3	199
3	T helper 17.1 cells associate with multiple sclerosis disease activity: perspectives for early intervention. Brain, 2018, 141, 1334-1349.	3.7	161
4	An organoidâ€derived bronchioalveolar model for SARSâ€CoVâ€2 infection of human alveolar type Iiâ€like cells. EMBO Journal, 2021, 40, e105912.	3.5	153
5	Acyclovirâ€Resistant Corneal HSVâ€1 Isolates from Patients with Herpetic Keratitis. Journal of Infectious Diseases, 2008, 198, 659-663.	1.9	137
6	Epstein Barr virus is not a characteristic feature in the central nervous system in established multiple sclerosis. Brain, 2010, 133, e137-e137.	3.7	132
7	European consensusâ€based (S2k) Guideline on the Management of Herpes Zoster â€“ guided by the European Dermatology Forum (EDF) in cooperation with the European Academy of Dermatology and Venereology (EADV), Part 2: Treatment. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 20-29.	1.3	125
8	Phenotypic and functional characterization of T cells in white matter lesions of multiple sclerosis patients. Acta Neuropathologica, 2017, 134, 383-401.	3.9	121
9	IL-17 Expression in Human Herpetic Stromal Keratitis: Modulatory Effects on Chemokine Production by Corneal Fibroblasts. Journal of Immunology, 2002, 169, 5897-5903.	0.4	116
10	Acyclovir Susceptibility and Genetic Characteristics of Sequential Herpes Simplex Virus Type 1 Corneal Isolates from Patients with Recurrent Herpetic Keratitis. Journal of Infectious Diseases, 2009, 200, 1402-1414.	1.9	95
11	Immunobiology of Varicella-Zoster Virus Infection. Journal of Infectious Diseases, 2018, 218, S68-S74.	1.9	95
12	Acyclovir Prophylaxis Predisposes to Antiviral-Resistant Recurrent Herpetic Keratitis. Journal of Infectious Diseases, 2013, 208, 1359-1365.	1.9	94
13	Local CD4 and CD8 T-Cell Reactivity to HSV-1 Antigens Documents Broad Viral Protein Expression and Immune Competence in Latently Infected Human Trigeminal Ganglia. PLoS Pathogens, 2013, 9, e1003547.	2.1	89
14	A spliced latency-associated VZV transcript maps antisense to the viral transactivator gene 61. Nature Communications, 2018, 9, 1167.	5.8	89
15	Herpes simplex virus 1 transmission through corneal transplantation. Lancet, The, 2001, 357, 442.	6.3	87
16	Islands of linkage in an ocean of pervasive recombination reveals two-speed evolution of human cytomegalovirus genomes. Virus Evolution, 2016, 2, vew017.	2.2	83
17	Cross-presentation and genome-wide screening reveal candidate T cells antigens for a herpes simplex virus type 1 vaccine. Journal of Clinical Investigation, 2012, 122, 654-673.	3.9	83
18	Neuron-Interacting Satellite Glial Cells in Human Trigeminal Ganglia Have an APC Phenotype. Journal of Immunology, 2009, 183, 2456-2461.	0.4	79

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19	Human herpes simplex virus keratitis: the pathogenesis revisited. Ocular Immunology and Inflammation, 2004, 12, 255-285.	1.0	77
20	Prevalence and Clinical Consequences of Herpes Simplex Virus Type 1 DNA in Human Cornea Tissues. Journal of Infectious Diseases, 2009, 200, 11-19.	1.9	74
21	Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. Journal of Virology, 2015, 89, 6131-6135.	1.5	73
22	Restricted Varicella-Zoster Virus Transcription in Human Trigeminal Ganglia Obtained Soon after Death. Journal of Virology, 2012, 86, 10203-10206.	1.5	71
23	European consensusâ€based (S2k) Guideline on the Management of Herpes Zoster â€“ guided by the European Dermatology Forum (<scp>EDF</scp>) in cooperation with the European Academy of Dermatology and Venereology (<scp>EADV</scp>), Part 1: Diagnosis. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 9-19.	1.3	62
24	Brain immune cells undergo cGAS/STING-dependent apoptosis during herpes simplex virus type 1 infection to limit type I IFN production. Journal of Clinical Investigation, 2021, 131, .	3.9	61
25	T-cell immunity to human alphaherpesviruses. Current Opinion in Virology, 2013, 3, 452-460.	2.6	58
26	T Cells Specific for the Triggering Virus Infiltrate the Eye in Patients with Herpes Simplex Virus-Mediated Acute Retinal Necrosis. Journal of Infectious Diseases, 1998, 178, 27-34.	1.9	57
27	Identification and Characterization of Herpes Simplex Virusâ€Specific CD4⁺T Cells in Corneas of Herpetic Stromal Keratitis Patients. Journal of Infectious Diseases, 1998, 177, 484-488.	1.9	54
28	Detection of Circovirus in Foxes with Meningoencephalitis, United Kingdom, 2009â€“2013. Emerging Infectious Diseases, 2015, 21, 1205-1208.	2.0	52
29	High Levels of Neutrophil Extracellular Traps Persist in the Lower Respiratory Tract of Critically Ill Patients With Coronavirus Disease 2019. Journal of Infectious Diseases, 2021, 223, 1512-1521.	1.9	51
30	VÎ³9VÎ´2 T cells recovered from eyes of patients with BehÃ§et's disease recognize non-peptide prenyl pyrophosphate antigens. Journal of Neuroimmunology, 2002, 130, 46-54.	1.1	49
31	Conserved nucleotide sequences at the 5' end of T cell receptor variable genes facilitate polymerase chain reaction amplification. European Journal of Immunology, 1991, 21, 569-575.	1.6	48
32	Comprehensive Analysis of Varicella-Zoster Virus Proteins Using a New Monoclonal Antibody Collection. Journal of Virology, 2013, 87, 6943-6954.	1.5	48
33	T-Cell Tropism of Simian Varicella Virus during Primary Infection. PLoS Pathogens, 2013, 9, e1003368.	2.1	44
34	Flt3 Ligand Expands Lymphoid Progenitors Prior to Recovery of Thymopoiesis and Accelerates T Cell Reconstitution after Bone Marrow Transplantation. Journal of Immunology, 2007, 178, 3551-3557.	0.4	42
35	Latent Acyclovir-Resistant Herpes Simplex Virus Type 1 in Trigeminal Ganglia of Immunocompetent Individuals. Journal of Infectious Diseases, 2012, 205, 1539-1543.	1.9	41
36	Polymorphism within the tumor necrosis factor Î± (TNF) promoter region in patients with ankylosing spondylitis. Human Immunology, 1999, 60, 140-144.	1.2	40

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37	No evidence for intrathecal IgG synthesis to Epstein Barr virus nuclear antigen-1 in multiple sclerosis. Journal of Clinical Virology, 2010, 49, 26-31.	1.6	39
38	Corneal herpes simplex virus type 1 superinfection in patients with recrudescent herpetic keratitis. Investigative Ophthalmology and Visual Science, 2002, 43, 358-63.	3.3	39
39	Identification of a Common HLA-DP4-Restricted T-Cell Epitope in the Conserved Region of the Respiratory Syncytial Virus G Protein. Journal of Virology, 2004, 78, 1775-1781.	1.5	38
40	Longitudinal study on oral shedding of herpes simplex virus 1 and varicellaâ€zoster virus in individuals infected with HIV. Journal of Medical Virology, 2013, 85, 1669-1677.	2.5	37
41	Intrathecal CD8 T-cells of multiple sclerosis patients recognize lytic Epstein-Barr virus proteins. Multiple Sclerosis Journal, 2016, 22, 279-291.	1.4	37
42	Whole-Genome Next-Generation Sequencing to Study Within-Host Evolution of Norovirus (NoV) Among Immunocompromised Patients With Chronic NoV Infection. Journal of Infectious Diseases, 2017, 216, 1513-1524.	1.9	36
43	High Seroprevalence of Human Herpesviruses in HIV-Infected Individuals Attending Primary Healthcare Facilities in Rural South Africa. PLoS ONE, 2014, 9, e99243.	1.1	35
44	Acyclovir-resistant herpes simplex virus type 1 in intra-ocular fluid samples of herpetic uveitis patients. Journal of Clinical Virology, 2013, 57, 215-221.	1.6	34
45	Herpes simplex virus type 1 (HSV-1)-induced retinitis following herpes simplex encephalitis: Indications for brain-to-eye transmission of HSV-1. Annals of Neurology, 2001, 49, 104-106.	2.8	33
46	Satellite glial cells in human trigeminal ganglia have a broad expression of functional Tollâ€like receptors. European Journal of Immunology, 2017, 47, 1181-1187.	1.6	33
47	BehÃ§et's disease complicated with myelodysplastic syndrome a report of two cases and review of the literature. Clinical Rheumatology, 1996, 15, 91-93.	1.0	31
48	Granulocyte Macrophage Colonyâ€“Stimulating Factor Expression in Human Herpetic Stromal Keratitis: Implications for the Role of Neutrophils in HSK. , 2007, 48, 277.		31
49	Monitoring the Inflammatory Process in Herpetic Stromal Keratitis: The Role of In Vivo Confocal Microscopy. Ophthalmology, 2012, 119, 1102-1110.	2.5	31
50	Genotypic analysis of sequential genital herpes simplex virus type 1 (HSV-1) isolates of patients with recurrent HSV-1 associated genital herpes. Journal of Medical Virology, 2004, 73, 601-604.	2.5	29
51	CD4 T-Cell Memory Responses to Viral Infections of Humans Show Pronounced Immunodominance Independent of Duration or Viral Persistence. Journal of Virology, 2013, 87, 2617-2627.	1.5	29
52	Decoding the Architecture of the Varicella-Zoster Virus Transcriptome. MBio, 2020, 11, .	1.8	29
53	Identification of bovine corneal protein 54 (BCP 54) as an aldehyde dehydrogenase. Experimental Eye Research, 1991, 53, 283-284.	1.2	28
54	Quantification of viral DNA and liver enzymes in plasma improves early diagnosis and management of herpes simplex virus hepatitis. Journal of Viral Hepatitis, 2011, 18, e160-6.	1.0	28

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55	T-Cell Infiltration Correlates with CXCL10 Expression in Ganglia of Cynomolgus Macaques with Reactivated Simian Varicella Virus. Journal of Virology, 2013, 87, 2979-2982.	1.5	28
56	Functional Characterization of Ocular-Derived Human Alphaherpesvirus Cross-Reactive CD4 T Cells. Journal of Immunology, 2014, 192, 3730-3739.	0.4	28
57	Restriction fragment length polymorphism of the tumor necrosis factor region in patients with ankylosing spondylitis. Arthritis and Rheumatism, 1991, 34, 486-489.	6.7	26
58	Herpes simplex virus type 1 (HSV-1)-induced retinitis following herpes simplex encephalitis: Indications for brain-to-eye transmission of HSV-1. Annals of Neurology, 2000, 48, 936-939.	2.8	26
59	Restricted T Cell Receptor Î²â€Chain Variable Region Protein Use by Corneaâ€Derived CD4+and CD8+Herpes Simplex Virusâ€“Specific T Cells in Patients with Herpetic Stromal Keratitis. Journal of Infectious Diseases, 2003, 187, 550-558.	1.9	26
60	Systemic varicella zoster virus reactive effector memory Tâ€cells impaired in the elderly and in kidney transplant recipients. Journal of Medical Virology, 2012, 84, 2018-2025.	2.5	26
61	High Prevalence of Anelloviruses in Vitreous Fluid of Children With Seasonal Hyperacute Panuveitis. Journal of Infectious Diseases, 2012, 205, 1877-1884.	1.9	25
62	Elevated EBNA-1 IgG in MS is associated with genetic MS risk variants. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e406.	3.1	25
63	HSV Neutralization by the Microbicidal Candidate C5A. PLoS ONE, 2011, 6, e18917.	1.1	25
64	Immunohistochemical detection of intra-neuronal VZV proteins in snap-frozen human ganglia is confounded by antibodies directed against blood group A1-associated antigens. Journal of NeuroVirology, 2012, 18, 172-180.	1.0	24
65	Central nervous system disease and genital disease in harbor porpoises (Phocoena phocoena) are associated with different herpesviruses. Veterinary Research, 2016, 47, 28.	1.1	24
66	Varicella-zoster virus VLT-ORF63 fusion transcript induces broad viral gene expression during reactivation from neuronal latency. Nature Communications, 2020, 11, 6324.	5.8	23
67	Pathogenesis of varicelloviruses in primates. Journal of Pathology, 2015, 235, 298-311.	2.1	22
68	Immunopathology of Virus-Induced Anterior Uveitis. Ocular Immunology and Inflammation, 2018, 26, 338-346.	1.0	22
69	Norovirus Infection in Harbor Porpoises. Emerging Infectious Diseases, 2017, 23, 87-91.	2.0	21
70	Large, Stable, Contemporary Interspecies Recombination Events in Circulating Human Herpes Simplex Viruses. Journal of Infectious Diseases, 2019, 221, 1271-1279.	1.9	21
71	High Incidence of Genotypic Variance between Sequential Herpes Simplex Virus Type 2 Isolates from HIVâ€1â€“Seropositive Patients with Recurrent Genital Herpes. Journal of Infectious Diseases, 2006, 194, 1115-1118.	1.9	20
72	The impact of impurities in synthetic peptides on the outcome of T-cell stimulation assays. Rapid Communications in Mass Spectrometry, 2007, 21, 1282-1288.	0.7	20

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73	Intracellular processing and presentation of T cell epitopes, expressed by recombinantEscherichia coli andSalmonella typhimurium, to human T cells. European Journal of Immunology, 1995, 25, 405-410.	1.6	19
74	Identification of Viral Antigens Recognized by Ocular Infiltrating T Cells from Patients with Varicella Zoster Virus-Induced Uveitis. , 2007, 48, 3689.		19
75	Varicella zoster virus glycoprotein C increases chemokine-mediated leukocyte migration. PLoS Pathogens, 2017, 13, e1006346.	2.1	19
76	POLYMORPHISM OF THE TUMOR NECROSIS FACTOR REGION IN RELATION TO DISEASE: AN OVERVIEW. Rheumatic Disease Clinics of North America, 1992, 18, 177-186.	0.8	19
77	Isopentenyl Pyrophosphateâ€“Reactive Vγ9Vδ2 T Helper 1â€“Like Cells Are the Major Îł´ T Cell Subset Recovered from Lesions of Patients with Genital Herpes. Journal of Infectious Diseases, 2004, 190, 489-493.	1.9	18
78	No evidence for circulating HuD-specific CD8+ T cells in patients with paraneoplastic neurological syndromes and Hu antibodies. Cancer Immunology, Immunotherapy, 2007, 56, 1501-1506.	2.0	18
79	Ocular infections in subâ€Saharan Africa in the context of high <scp>HIV</scp> prevalence. Tropical Medicine and International Health, 2014, 19, 1003-1014.	1.0	18
80	Prevalence of Intrathecal Acyclovir Resistant Virus in Herpes Simplex Encephalitis Patients. PLoS ONE, 2016, 11, e0155531.	1.1	17
81	Characterization of the varicella zoster virus (VZV)-specific intra-ocular T-cell response in patients with VZV-induced uveitis. Experimental Eye Research, 2006, 83, 69-75.	1.2	16
82	Human Ocular-Derived Virus-Specific CD4+T Cells Control Varicella Zoster Virus Replication in Human Retinal Pigment Epithelial Cells. , 2009, 50, 743.		16
83	Analysis of Virus and Host Proteomes During Productive HSV-1 and VZV Infection in Human Epithelial Cells. Frontiers in Microbiology, 2020, 11, 1179.	1.5	16
84	Natural infection with herpes simplex virus type 1 (HSV-1) induces humoral and T cell responses to the HSV-1 glycoprotein H:L complex. Journal of General Virology, 2000, 81, 2011-2015.	1.3	16
85	Simian varicella virus infection of Chinese rhesus macaques produces ganglionic infection in the absence of rash. Journal of NeuroVirology, 2012, 18, 91-99.	1.0	15
86	Uveitis is predominantly of infectious origin in a high HIV and TB prevalence setting in rural South Africa. British Journal of Ophthalmology, 2016, 100, 1312-1316.	2.1	14
87	Characterization of the immune response in ganglia after primary simian varicella virus infection. Journal of NeuroVirology, 2016, 22, 376-388.	1.0	13
88	Herpes Simplex Virus Infection of the Human Eye Induces a Compartmentalized Virusâ€Specific B Cell Response. Journal of Infectious Diseases, 2002, 186, 1539-1546.	1.9	12
89	Prevalence of herpes simplex virus type 1 glycoprotein G (gG) and gI genotypes in patients with herpetic keratitis. British Journal of Ophthalmology, 2008, 92, 1195-1200.	2.1	12
90	Clinical and corneal microbial profile of infectious keratitis in a high HIV prevalence setting in rural South Africa. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 1403-1409.	1.3	12

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91	Intrathecal CD4⁺ and CD8⁺ Tâ€cell responses to endogenously synthesized candidate diseaseâ€associated human autoantigens in multiple sclerosis patients. European Journal of Immunology, 2016, 46, 347-353.	1.6	11
92	Antibody-based immunotherapy of aciclovir resistant ocular herpes simplex virus infections. Virology, 2017, 512, 194-200.	1.1	10
93	Simian Varicella Virus Infects Enteric Neurons and Î±4Î²7 Integrin-Expressing Gut-Tropic T-Cells in Nonhuman Primates. Viruses, 2018, 10, 156.	1.5	10
94	Brain-homing CD4 ⁺ T cells display glucocorticoid-resistant features in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	10
95	Microglia Activate Early Antiviral Responses upon Herpes Simplex Virus 1 Entry into the Brain to Counteract Development of Encephalitis-Like Disease in Mice. Journal of Virology, 2022, 96, JVI0131121.	1.5	10
96	Letter to the Editors. Current Eye Research, 1990, 9, 1217-1218.	0.7	9
97	Imbalances in circulating lymphocyte subsets in Hu antibody associated paraneoplastic neurological syndromes. European Journal of Neurology, 2007, 14, 1383-1391.	1.7	9
98	No evidence for the presence of HuD-specific T cells in the cerebrospinal fluid of patients with Huassociated paraneoplastic neurological syndromes. Journal of Neurology, 2009, 256, 279-282.	1.8	9
99	Herpes zoster after lung transplantation boosts varicella zoster virusâ€“specific adaptive immune responses. Journal of Heart and Lung Transplantation, 2016, 35, 1435-1442.	0.3	9
100	2018 international meeting of the Global Virus Network. Antiviral Research, 2019, 163, 140-148.	1.9	9
101	Earlyâ€•and lateâ€stage ocular complications of herpes zoster ophthalmicus in rural South Africa. Tropical Medicine and International Health, 2016, 21, 334-339.	1.0	8
102	HIV-infected individuals on long-term antiretroviral therapy are at higher risk for ocular disease. Epidemiology and Infection, 2017, 145, 2520-2529.	1.0	8
103	Simian varicella virus inhibits the interferon gamma signalling pathway. Journal of General Virology, 2017, 98, 2582-2588.	1.3	8
104	Alveolar barrier disruption in varicella pneumonia is associated with neutrophil extracellular trap formation. JCI Insight, 2020, 5, .	2.3	8
105	No Evidence of Varicella-Zoster Virus Infection in Temporal Artery Biopsies of Anterior Ischemic Optic Neuropathy Patients With and Without Giant Cell Arteritis. Journal of Infectious Diseases, 2021, 223, 109-112.	1.9	7
106	Prevalence of human Herpesviridae in cerebrospinal fluid of patients with multiple sclerosis and noninfectious neurological disease in the Netherlands. Journal of NeuroVirology, 2014, 20, 412-8.	1.0	6
107	Immunity to TBEV Related Flaviviruses with Reduced Pathogenicity Protects Mice from Disease but Not from TBEV Entry into the CNS. Vaccines, 2021, 9, 196.	2.1	6
108	Induction of the phoE promoter upon invasion of Salmonella typhimurium into eukaryotic cells. Microbial Pathogenesis, 1995, 19, 193-201.	1.3	5

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109	Seal gammaherpesviruses: identification, characterisation and epidemiology. Virus Research, 2003, 94, 25-31.	1.1	5
110	Zipper Cell Endotheliopathy. Ophthalmology, 2010, 117, 2255-2262.	2.5	5
111	Herpes Simplex Virus-Induced Ocular Diseases: Detrimental Interaction Between Virus and Host. Current Immunology Reviews, 2011, 7, 310-327.	1.2	5
112	Chlamydia trachomatis Biovar L2 Infection in Women in South Africa. Emerging Infectious Diseases, 2017, 23, 1913-1915.	2.0	5
113	Attenuation of Simian Varicella Virus Infection by Enhanced Green Fluorescent Protein in Rhesus Macaques. Journal of Virology, 2018, 92, .	1.5	5
114	Ileocolic Intussusception as the Presenting Symptom of Primary Enteric Varicella-Zoster Virus Infection in a 7-Month-Old Infant. Journal of Infectious Diseases, 2020, 222, 305-308.	1.9	5
115	In vitro and in vivo replication of seal gammaherpesviruses in cells of multiple species. Microbes and Infection, 2007, 9, 40-46.	1.0	4
116	Generation of hiPSC-derived low threshold mechanoreceptors containing axonal termini resembling bulbous sensory nerve endings and expressing Piezo1 and Piezo2. Stem Cell Research, 2021, 56, 102535.	0.3	4
117	The architecture of the simian varicella virus transcriptome. PLoS Pathogens, 2021, 17, e1010084.	2.1	4
118	Good visual outcome of tuberculous chorioretinitis after ART initiation in a HIV-infected patient. International Ophthalmology, 2014, 34, 1263-1265.	0.6	3
119	Cluster of Symptomatic Graft-to-Host Transmission of Herpes Simplex Virus Type 1 in an Endothelial Keratoplasty Setting. Ophthalmology Science, 2021, 1, 100051.	1.0	2
120	Anterior chamber paracentesis to improve diagnosis and treatment of infectious uveitis in South Africa. South African Medical Journal, 2015, 105, 628-30.	0.2	2
121	Mutagenesis of the Varicella-Zoster Virus Genome Demonstrates That VLT and VLT-ORF63 Proteins Are Dispensable for Lytic Infection. Viruses, 2021, 13, 2289.	1.5	2
122	Anterior chamber paracentesis to improve diagnosis and treatment of infectious uveitis in South Africa. South African Medical Journal, 2015, 105, 628.	0.2	1
123	Comparable Infection Level and Tropism of Measles Virus and Canine Distemper Virus in Organotypic Brain Slice Cultures Obtained from Natural Host Species. Viruses, 2021, 13, 1582.	1.5	1
124	Cross-presentation and genome-wide screening reveal candidate T cells antigens for a herpes simplex virus type 1 vaccine. Journal of Clinical Investigation, 2012, 122, 3024-3024.	3.9	1
125	Acceleration and Enhancement of T-Cell Recovery and Immune Competence by Flt3-Ligand (Flt3L) Following BMT with Low Numbers of Progenitor Cells in Immune Deficient Mice.. Blood, 2004, 104, 47-47.	0.6	1
126	Aciclovir for dual infection with HIV and HSV. Lancet Infectious Diseases, The, 2012, 12, 424-425.	4.6	0