Ignacio G Bravo

List of Publications by Year
in descending order

104 papers	6,483 citations	126907 33 h-index	69250 77 g-index
117 all docs	117 docs citations	117 times ranked	7860 citing authors

#	Article	IF	Citations
1	The Biology and Life-Cycle of Human Papillomaviruses. Vaccine, 2012, 30, F55-F70.	3.8	1,042
2	HPV Involvement in Head and Neck Cancers: Comprehensive Assessment of Biomarkers in 3680 Patients. Journal of the National Cancer Institute, 2016, 108, djv403.	6.3	580
3	CAIcal: A combined set of tools to assess codon usage adaptation. Biology Direct, 2008, 3, 38.	4.6	447
4	Bead-Based Multiplex Genotyping of Human Papillomaviruses. Journal of Clinical Microbiology, 2006, 44, 504-512.	3.9	419
5	Worldwide human papillomavirus genotype attribution in over 2000 cases of intraepithelial and invasive lesions of the vulva. European Journal of Cancer, 2013, 49, 3450-3461.	2.8	320
6	Human papillomavirus DNA prevalence and type distribution in anal carcinomas worldwide. International Journal of Cancer, 2015, 136, 98-107.	5.1	296
7	Papillomaviruses. Evolution, Medicine and Public Health, 2015, 2015, 32-51.	2.5	162
8	Seroprevalence of 34 Human Papillomavirus Types in the German General Population. PLoS Pathogens, 2008, 4, e1000091.	4.7	145
9	E-CAI: a novel server to estimate an expected value of Codon Adaptation Index (eCAI). BMC Bioinformatics, 2008, 9, 65.	2.6	142
10	Large contribution of human papillomavirus in vaginal neoplastic lesions: A worldwide study in 597 samples. European Journal of Cancer, 2014, 50, 2846-2854.	2.8	140
11	Papillomaviruses: different genes have different histories. Trends in Microbiology, 2005, 13, 514-521.	7.7	133
12	An ancient history of gene duplications, fusions and losses in the evolution of APOBEC3 mutators in mammals. BMC Evolutionary Biology, 2012, 12, 71.	3.2	130
13	Mucosal Human Papillomaviruses Encode Four Different E5 Proteins Whose Chemistry and Phylogeny Correlate with Malignant or Benign Growth. Journal of Virology, 2004, 78, 13613-13626.	3.4	122
14	Functions, structure, and read-through alternative splicing of feline APOBEC3 genes. Genome Biology, 2008, 9, R48.	9.6	116
15	Quantifying the Phylodynamic Forces Driving Papillomavirus Evolution. Molecular Biology and Evolution, 2011, 28, 2101-2113.	8.9	114
16	The clinical importance of understanding the evolution of papillomaviruses. Trends in Microbiology, 2010, 18, 432-438.	7.7	106
17	Transmission between Archaic and Modern Human Ancestors during the Evolution of the Oncogenic Human Papillomavirus 16. Molecular Biology and Evolution, 2017, 34, 4-19.	8.9	103
18	Multiple Evolutionary Mechanisms Drive Papillomavirus Diversification. Molecular Biology and Evolution, 2007, 24, 1242-1258.	8.9	101

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19	The Occasional Role of Low-risk Human Papillomaviruses 6, 11, 42, 44, and 70 in Anogenital Carcinoma Defined by Laser Capture Microdissection/PCR Methodology. American Journal of Surgical Pathology, 2013, 37, 1299-1310.	3.7	94
20	Novel Papillomaviruses in Free-Ranging Iberian Bats: No Virusâ€“Host Co-evolution, No Strict Host Specificity, and Hints for Recombination. Genome Biology and Evolution, 2014, 6, 94-104.	2.5	62
21	Double positivity for HPV-DNA/p16ink4a is the biomarker with strongest diagnostic accuracy and prognostic value for human papillomavirus related oropharyngeal cancer patients. Oral Oncology, 2018, 78, 137-144.	1.5	58
22	Analysis of Modified Human Papillomavirus Type 16 L1 Capsomeres: the Ability To Assemble into Larger Particles Correlates with Higher Immunogenicity. Journal of Virology, 2009, 83, 7690-7705.	3.4	57
23	The evolution of Dscam genes across the arthropods. BMC Evolutionary Biology, 2012, 12, 53.	3.2	55
24	Modular organizations of novel cetacean papillomaviruses. Molecular Phylogenetics and Evolution, 2011, 59, 34-42.	2.7	51
25	COUSIN (COdon Usage Similarity INdex): A Normalized Measure of Codon Usage Preferences. Genome Biology and Evolution, 2019, 11, 3523-3528.	2.5	51
26	Why Human Papillomavirus Acute Infections Matter. Viruses, 2017, 9, 293.	3.3	49
27	Time trends of human papillomavirus types in invasive cervical cancer, from 1940 to 2007. International Journal of Cancer, 2014, 135, 88-95.	5.1	48
28	The E5 protein of the human papillomavirus type 16 down-regulates HLA-I surface expression in calnexin-expressing but not in calnexin-deficient cells. Virology Journal, 2007, 4, 116.	3.4	47
29	Regulation of Enterocyte Apoptosis by Acyl-CoA Synthetase 5 Splicing. Gastroenterology, 2007, 133, 587-598.	1.3	47
30	EcPV2 DNA in equine genital squamous cell carcinomas and normal genital mucosa. Veterinary Microbiology, 2012, 158, 33-41.	1.9	44
31	Restriction of Equine Infectious Anemia Virus by Equine APOBEC3 Cytidine Deaminases. Journal of Virology, 2009, 83, 7547-7559.	3.4	41
32	Coexpression of neurocalcin with other calcium-binding proteins in the rat main olfactory bulb. , 1999, 407, 404-414.		40
33	Phylogeny and evolution of papillomaviruses based on the E1 and E2 proteins. Virus Genes, 2007, 34, 249-262.	1.6	40
34	A novel rodent papillomavirus isolated from anogenital lesions in its natural host. Virology, 2008, 374, 186-197.	2.4	40
35	Evolution in Regulatory Regions Rapidly Compensates the Cost of Nonoptimal Codon Usage. Molecular Biology and Evolution, 2010, 27, 2141-2151.	8.9	39
36	Origin and evolution of papillomavirus (onco)genes and genomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180303.	4.0	37

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37	Differential HPV16 variant distribution in squamous cell carcinoma, adenocarcinoma and adenosquamous cell carcinoma. International Journal of Cancer, 2017, 140, 2092-2100.	5.1	35
38	Chemical organization of the macaque monkey olfactory bulb: II. Calretinin, calbindin Dâ€28k, parvalbumin, and neurocalcin immunoreactivity. Journal of Comparative Neurology, 2001, 432, 389-407.	1.6	33
39	The E5 protein of the human papillomavirus type 16 modulates composition and dynamics of membrane lipids in keratinocytes. Archives of Virology, 2005, 150, 231-246.	2.1	32
40	Stably expressed APOBEC3H forms a barrier for cross-species transmission of simian immunodeficiency virus of chimpanzee to humans. PLoS Pathogens, 2017, 13, e1006746.	4.7	32
41	Rapid acquisition of HPV around the time of sexual debut in adolescent girls in Tanzania. International Journal of Epidemiology, 2016, 45, 762-773.	1.9	31
42	HPV16 variants distribution in invasive cancers of the cervix, vulva, vagina, penis, and anus. Cancer Medicine, 2016, 5, 2909-2919.	2.8	29
43	Prokaryotic origin of cytidylyltransferases and Î±-ketoacid synthases. Trends in Microbiology, 2004, 12, 120-128.	7.7	28
44	Different papillomaviruses have different repertoires of transcription factor binding sites: convergence and divergence in the upstream regulatory region. BMC Evolutionary Biology, 2006, 6, 20.	3.2	28
45	Multiple independent kinase cascades are targeted by hyperosmotic stress but only one activates stress kinase p38. Experimental Cell Research, 2004, 292, 304-311.	2.6	26
46	SARS-CoV-2 viral RNA levels are not 'viral load'. Trends in Microbiology, 2021, 29, 970-972.	7.7	26
47	Restriction of Porcine Endogenous Retrovirus by Porcine APOBEC3 Cytidine Deaminases. Journal of Virology, 2011, 85, 3842-3857.	3.4	25
48	Kinetic properties of the acylneuraminate cytidylyltransferase from Pasteurella haemolytica A2. Biochemical Journal, 2001, 358, 585-598.	3.7	23
49	Evolutionary Changes after Translational Challenges Imposed by Horizontal Gene Transfer. Genome Biology and Evolution, 2019, 11, 814-831.	2.5	23
50	Methylation of Human Papillomavirus Type 16 CpG Sites at E2-Binding Site 1 (E2BS1), E2BS2, and the Sp1-Binding Site in Cervical Cancer Samples as Determined by High-Resolution Melting Analysisâ€“PCR. Journal of Clinical Microbiology, 2013, 51, 3207-3215.	3.9	22
51	High-level of viral genomic diversity in cervical cancers: A Brazilian study on human papillomavirus type 16. Infection, Genetics and Evolution, 2015, 34, 44-51.	2.3	22
52	Determinants of FIV and HIV Vif sensitivity of feline APOBEC3 restriction factors. Retrovirology, 2016, 13, 46.	2.0	21
53	Genomic characterization of the first insectivoran papillomavirus reveals an unusually long, second non-coding region and indicates a close relationship to Betapapillomavirus. Journal of General Virology, 2009, 90, 626-633.	2.9	20
54	The Use of HPV16-E5, EGFR, and pEGFR as Prognostic Biomarkers for Oropharyngeal Cancer Patients. Frontiers in Oncology, 2018, 8, 589.	2.8	20

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55	Bead-Based Multiplex Genotyping of 58 Cutaneous Human Papillomavirus Types. Journal of Clinical Microbiology, 2011, 49, 3560-3567.	3.9	19
56	Novel animal papillomavirus sequences and accurate phylogenetic placement. Molecular Phylogenetics and Evolution, 2012, 65, 883-891.	2.7	19
57	The first hydrophobic region of the HPV16 E5 protein determines protein cellular location and facilitates anchorage-independent growth. Virology Journal, 2008, 5, 30.	3.4	18
58	Disagreement in high-grade/low-grade intraepithelial neoplasia and high-risk/low-risk HPV infection: clinical implications for anal cancer precursor lesions in HIV-positive and HIV-negative MSM. Clinical Microbiology and Infection, 2015, 21, 605.e11-605.e19.	6.0	18
59	Differential presence of Papillomavirus variants in cervical cancer: An analysis for HPV33, HPV45 and HPV58. Infection, Genetics and Evolution, 2013, 13, 96-104.	2.3	17
60	Natural history, dynamics, and ecology of human papillomaviruses in genital infections of young women: protocol of the PAPCLEAR cohort study. BMJ Open, 2019, 9, e025129.	1.9	17
61	Cancer, Warts, or Asymptomatic Infections: Clinical Presentation Matches Codon Usage Preferences in Human Papillomaviruses. Genome Biology and Evolution, 2015, 7, 2117-2135.	2.5	16
62	Characterization of Novel Cutaneous Human Papillomavirus Genotypes HPV-150 and HPV-151. PLoS ONE, 2011, 6, e22529.	2.5	16
63	Transport ofN-acetyl-D-mannosamine andN-acetyl-D-glucosamine inEscherichia coliK1: effect on capsular polysialic acid production. FEBS Letters, 2002, 511, 97-101.	2.8	15
64	Detection of Alpha, Beta, Gamma, and Unclassified Human Papillomaviruses in Cervical Cancer Samples From Mexican Women. Frontiers in Cellular and Infection Microbiology, 2020, 10, 234.	3.9	15
65	Multiple evolutionary origins of bat papillomaviruses. Veterinary Microbiology, 2013, 165, 51-60.	1.9	14
66	Genome Plasticity in Papillomaviruses and De Novo Emergence of E5 Oncogenes. Genome Biology and Evolution, 2019, 11, 1602-1617.	2.5	14
67	Distinct geographic clustering of oncogenic human papillomaviruses multiple infections in cervical cancers: Results from a worldwide crossâ€sectional study. International Journal of Cancer, 2019, 144, 2478-2488.	5.1	14
68	Neurocalcin immunoreactivity in the rat main olfactory bulb. Brain Research, 1998, 795, 204-214.	2.2	13
69	The Incidence of Human Papillomavirus in Tanzanian Adolescent Girls Before Reported Sexual Debut. Journal of Adolescent Health, 2016, 58, 295-301.	2.5	13
70	Codon usage in papillomavirus genes: practical and functional aspects. Papillomavirus Report, 2005, 16, 63-72.	0.2	13
71	Squamous intraepithelial lesions of the anal squamocolumnar junction: Histopathological classification and HPV genotyping. Papillomavirus Research (Amsterdam, Netherlands), 2017, 3, 11-17.	4.5	12
72	Human papillomavirus DNA detected in fingertip, oral and bathroom samples from unvaccinated adolescent girls in Tanzania. Sexually Transmitted Infections, 2019, 95, 374-379.	1.9	12

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73	Colocalization of NADPH-diaphorase and acetylcholinesterase in the rat olfactory bulb. Journal of Chemical Neuroanatomy, 1995, 9, 207-216.	2.1	11
74	A normalized plot as a novel and time-saving tool in complex enzyme kinetic analysis. Biochemical Journal, 2001, 358, 573-583.	3.7	11
75	Loop 1 of APOBEC3C Regulates its Antiviral Activity against HIV-1. Journal of Molecular Biology, 2020, 432, 6200-6227.	4.2	11
76	A novel papillomavirus isolated from a nasal neoplasia in an Italian free-ranging chamois (Rupicapra r.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	10
77	Assessing parallel gene histories in viral genomes. BMC Evolutionary Biology, 2016, 16, 32.	3.2	10
78	Performance of the digene LQ, RH and PS HPVs genotyping systems on clinical samples and comparison with HC2 and PCR-based Linear Array. Infectious Agents and Cancer, 2011, 6, 23.	2.6	9
79	Phylogenetically related, clinically different: human papillomaviruses 6 and 11 variants distribution in genital warts and in laryngeal papillomatosis. Clinical Microbiology and Infection, 2014, 20, O406-O413.	6.0	9
80	HPV cervical infections and serological status in vaccinated and unvaccinated women. Vaccine, 2020, 38, 8167-8174.	3.8	9
81	Effects of Extracellular Matrix on the Morphology and Behaviour of Rabbit Auricular Chondrocytes in Culture. Journal of Biomedicine and Biotechnology, 2005, 2005, 364-373.	3.0	8
82	Feline foamy virus-mediated marker gene transfer: Identification of essential genetic elements and influence of truncated and chimeric proteins. Virology, 2006, 348, 190-199.	2.4	8
83	Decreased HIV diversity after allogeneic stem cell transplantation of an HIV-1 infected patient: a case report. Virology Journal, 2010, 7, 55.	3.4	8
84	Papillomaviruses infecting cetaceans exhibit signs of genome adaptation following a recombination event. Virus Evolution, 2020, 6, veaa038.	4.9	8
85	Papillomaviruses and Darwinian classification: response to Van Doorslaer et al.. Trends in Microbiology, 2011, 19, 50-51.	7.7	7
86	Ribosomal mutations affecting the translation of genes that use nonâ€optimal codons. FEBS Journal, 2014, 281, 3701-3718.	4.7	7
87	Evolutionary analysis of Old World arenaviruses reveals a major adaptive contribution of the viral polymerase. Molecular Ecology, 2017, 26, 5173-5188.	3.9	7
88	N-Acetylneuraminic acid uptake inPasteurella (Mannheimia) haemolyticaA2 occurs by an inducible and specific transport system. FEBS Letters, 2001, 509, 41-46.	2.8	6
89	Identification and characterization of equine granzyme B. Veterinary Immunology and Immunopathology, 2007, 118, 239-251.	1.2	6
90	Interlaboratory Reproducibility and Proficiency Testing within the Human Papillomavirus Cervical Cancer Screening Program in Catalonia, Spain. Journal of Clinical Microbiology, 2014, 52, 1511-1518.	3.9	6

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91	Variability in Codon Usage in Coronaviruses Is Mainly Driven by Mutational Bias and Selective Constraints on CpG Dinucleotide. Viruses, 2021, 13, 1800.	3.3	6
92	Human papillomavirus type 16 E5 protein. Papillomavirus Report, 2004, 15, 1-6.	0.2	6
93	Towards a multi-level and a multi-disciplinary approach to DNA oncovirus virulence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190041.	4.0	5
94	Genomic and phylogenetic characterization of ChPV2, a novel goat PV closely related to the Xi-PV1 species infecting bovines. Virology Journal, 2020, 17, 167.	3.4	4
95	Multiresistant Enterobacteriaceae in yellowâ€legged gull chicks in their first weeks of life. Ecology and Evolution, 2022, 12, .	1.9	4
96	Application of a normalised plot to the study of uniâ€“uni enzyme-inhibitor systems. Biochimica Et Biophysica Acta - General Subjects, 2002, 1571, 183-189.	2.4	3
97	Small intestinal mucosa expression of putative chaperone fls485. BMC Gastroenterology, 2010, 10, 27.	2.0	3
98	The First Papillomavirus Isolated from Vulpes vulpes (VvulPV1) Is Basal to the Gammapapillomavirus Genus. Genome Announcements, 2015, 3, .	0.8	2
99	Searching beyond the usual papillomavirus suspects in squamous carcinomas of the vulva, penis and head and neck. Infection, Genetics and Evolution, 2016, 45, 198-204.	2.3	2
100	Genome Sequences of Two Novel Papillomaviruses Isolated from Healthy Skin of Pudu puda and Cervus elaphus Deer. Genome Announcements, 2018, 6, .	0.8	2
101	Two Novel, Distantly Related Papillomaviruses Isolated from Healthy Skin of the Timor Deer (Rusa) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	2
102	Human DNA decays faster with time than viral dsDNA: an analysis on HPV16 using pathology archive samples spanning 85Âyears. Virology Journal, 2021, 18, 65.	3.4	2
103	Application of a normalised plot to the study of ter ter enzyme systems. Biochimie, 2004, 86, 463-469.	2.6	0
104	Unmasking the delusive appearance of negative frequency-dependent selection. Peer Community in Evolutionary Biology, 2018, , 100024.	0.0	0