

# Takuya Itou

## List of Publications by Year in descending order

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92  
papers

1,327  
citations

489802

18  
h-index

511568

30  
g-index

93  
all docs

93  
docs citations

93  
times ranked

1283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic selection for heterobothriosis resistance concurrent with body size in the tiger pufferfish, <i>Takifugu rubripes</i> . <i>Scientific Reports</i> , 2020, 10, 19976.	1.6	10
2	Heritability estimates of the position and number of facial hair whorls in Thoroughbred horses. <i>BMC Research Notes</i> , 2019, 12, 346.	0.6	4
3	A highly flexible and repeatable genotyping method for aquaculture studies based on target amplicon sequencing using next-generation sequencing technology. <i>Scientific Reports</i> , 2019, 9, 6904.	1.6	29
4	An endogenous adeno-associated virus element in elephants. <i>Virus Research</i> , 2019, 262, 10-14.	1.1	14
5	Conserved secondary structures predicted within the 5' packaging signal region of influenza A virus PB2 segment. <i>Meta Gene</i> , 2018, 15, 75-79.	0.3	6
6	Segmentation of the rabies virus genome. <i>Virus Research</i> , 2018, 252, 68-75.	1.1	9
7	Exaptation of Bornavirus-Like Nucleoprotein Elements in Afrotherians. <i>PLoS Pathogens</i> , 2016, 12, e1005785.	2.1	26
8	Molecular epidemiological tracing of a cattle rabies outbreak lasting less than a month in Rio Grande do Sul in southern Brazil. <i>BMC Research Notes</i> , 2016, 9, 87.	0.6	7
9	Two isoforms of aquaporin 2 responsive to hypertonic stress in bottlenose dolphin. <i>Journal of Experimental Biology</i> , 2016, 219, 1249-58.	0.8	9
10	Identification and Expression Profiles of microRNA in Dolphin. <i>Zoological Science</i> , 2016, 33, 92.	0.3	3
11	Establishing conditions for the storage and elution of rabies virus RNA using FTA <sup>®</sup> cards. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 461-465.	0.3	16
12	Reverse Transcription-Loop-Mediated Isothermal Amplification System for the Detection of Rabies Virus. , 2014, , 85-95.		1
13	Easy-to-use rapid gene amplification method for direct detection of RNA and DNA viruses in sera and feces from various animals. <i>Journal of Virological Methods</i> , 2014, 201, 31-37.	1.0	3
14	Isolation of a phylogenetically distinct rabies virus from a tufted capuchin monkey ( <i>Cebus apella</i> ) in Brazil. <i>Virus Research</i> , 2013, 178, 535-538.	1.1	8
15	Comparative Morphological Examinations of the Cervical and Thoracic Vertebrae and Related Spinal Nerves in the Two-Toed Sloth. <i>Mammal Study</i> , 2013, 38, 217-224.	0.2	3
16	Characterization of the circulating serum amyloid A in bottlenose dolphins. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 218-224.	0.5	10
17	Molecular characterization and validation of commercially available methods for haptoglobin measurement in bottlenose dolphin. <i>Results in Immunology</i> , 2013, 3, 57-63.	2.2	10
18	Cloning and characterization of bottlenose dolphin ( <i>Tursiops truncatus</i> ) interleukin-10. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 62-67.	0.5	4

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19	Cloning and Quantification of Ferret Serum Amyloid A. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 99-102.	0.3	2
20	Effects of extracellular lactate on production of reactive oxygen species by equine polymorphonuclear leukocytes in vitro. <i>American Journal of Veterinary Research</i> , 2012, 73, 1290-1298.	0.3	10
21	Molecular epidemiology of livestock rabies viruses isolated in the northeastern Brazilian states of Para�ba and Pernambuco from 2003 - 2009. <i>BMC Research Notes</i> , 2012, 5, 32.	0.6	4
22	Molecular cloning and expression of bottlenose dolphin CD34. <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 303-307.	0.5	5
23	Hematopoietic cell populations in dolphin bone marrow: Analysis of colony formation and differentiation. <i>Results in Immunology</i> , 2011, 1, 1-5.	2.2	4
24	Determination and Molecular Analysis of the Complete Genome Sequence of Two Wild-Type Rabies Viruses Isolated from a Haematophagous Bat and a Frugivorous Bat in Brazil. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 759-766.	0.3	19
25	Astrocytoma in an African Hedgehog ( <i>Atelerix albiventris</i> ) Suspected Wobbly Hedgehog Syndrome. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1333-1335.	0.3	15
26	Molecular characterization of glycogen synthase 1 and its tissue expression profile with type II hexokinase and muscle-type phosphofructokinase in horses. <i>Molecular Biology Reports</i> , 2011, 38, 461-469.	1.0	3
27	Evolutionary history of dog rabies in Brazil. <i>Journal of General Virology</i> , 2011, 92, 85-90.	1.3	13
28	Collection, Analysis, and Distribution of Three-Dimensional CT Data from Primate and Other Skull Specimens. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2011, 16, 45-53.	0.2	0
29	A method for simultaneous detection and identification of Brazilian dog- and vampire bat-related rabies virus by reverse transcription loop-mediated isothermal amplification assay. <i>Journal of Virological Methods</i> , 2010, 168, 13-17.	1.0	28
30	Bone marrow biopsy from the flipper of a dolphin. <i>Veterinary Journal</i> , 2010, 185, 216-217.	0.6	4
31	Epidemiology of vampire bat-transmitted rabies virus in Goi�s, central Brazil: re-evaluation based on G-L intergenic region. <i>BMC Research Notes</i> , 2010, 3, 288.	0.6	4
32	Low genetic diversities of rabies virus populations within different hosts in Brazil. <i>Infection, Genetics and Evolution</i> , 2010, 10, 278-283.	1.0	5
33	Estudo imunol�gico e gen�tico de 10 isolados do v�rus da raiva de morcegos do Rio de Janeiro, Sudeste do Brasil. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2010, 47, 74.	0.2	1
34	Pathogenicity of different rabies virus isolates and protection test in vaccinated mice. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2010, 52, 231-236.	0.5	11
35	Magnetic resonance imaging features and clinical signs associated with presumptive and confirmed progressive myelomalacia in dogs: 12 cases (1997-2008). <i>Journal of the American Veterinary Medical Association</i> , 2010, 237, 1160-1165.	0.2	38
36	Chemotactic properties and absence of the formyl peptide receptor in ferret ( <i>Mustela putorius furo</i> ) neutrophils. <i>Research in Veterinary Science</i> , 2010, 88, 56-60.	0.9	1

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37	Expression of biologically active recombinant ferret ( <i>Mustela putorius furo</i> ) interleukin-8 from <i>Escherichia coli</i> . <i>Veterinary Immunology and Immunopathology</i> , 2010, 138, 114-117.	0.5	0
38	Molecular epidemiology of rabies virus isolates in Uganda. <i>Virus Research</i> , 2010, 147, 135-138.	1.1	7
39	Absence of the Guttural Pouch in a Newborn Indian Rhinoceros Demonstrated by Three-Dimensional Image Observations. <i>Mammal Study</i> , 2009, 34, 7-11.	0.2	3
40	Complete genome analysis of a rabies virus isolate from Brazilian wild fox. <i>Archives of Virology</i> , 2009, 154, 1475-1488.	0.9	12
41	Production of monoclonal antibody specific for bottlenose dolphin neutrophils and its application to cell separation. <i>Developmental and Comparative Immunology</i> , 2009, 33, 14-17.	1.0	4
42	Molecular characterization and expression pattern of the equine lactate dehydrogenase A and B genes. <i>Gene</i> , 2009, 447, 40-50.	1.0	14
43	Quantitative analysis of inflammatory cytokines expression in peripheral blood mononuclear cells of the ferret ( <i>Mustela putorius furo</i> ) using real-time PCR. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 88-91.	0.5	12
44	Three-Dimensional Reconstruction of the Xenarthrous Process of the Thoracic and Lumbar Vertebrae in the Giant Anteater. <i>Mammal Study</i> , 2009, 34, 1-6.	0.2	14
45	The Morphological Basis of the Armor-Like Folded Skin of the Greater Indian Rhinoceros as a Thermoregulator. <i>Mammal Study</i> , 2009, 34, 195-200.	0.2	5
46	MRI of Secondary Cervical Syringomyelia in Four Cats. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1069-1073.	0.3	9
47	Magnetic Resonance Imaging and Computed Tomography Findings of Vertebral Osteosarcoma in a Cat. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 513-517.	0.3	11
48	Molecular and geographic analyses of vampire bat-transmitted cattle rabies in central Brazil. <i>BMC Veterinary Research</i> , 2008, 4, 44.	0.7	35
49	Molecular characterization and expression of the equine M1 and M2-pyruvate kinase gene. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 151, 125-132.	0.7	3
50	Molecular Cloning and Phylogenetic Analysis of Inflammatory Cytokines of the Ferret ( <i>Mustela putorius furo</i> ). <i>Journal of Veterinary Medical Science</i> , 2008, 70, 1077-1081.	0.3	15
51	Three-dimensional Imaging of the Manipulating Apparatus in the Lesser Panda and the Giant Panda. <i>Mammal Study</i> , 2008, 33, 61-66.		5
52	Three-dimensional analysis of the manipulation system in the lesser panda. <i>Mammal Study</i> , 2007, 32, 99-103.	0.2	9
53	Genetic Analysis of Phosphoprotein and Matrix Protein of Rabies Viruses Isolated in Brazil. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 1145-1154.	0.3	12
54	Phylogenetic Characterization of Rabies Virus Isolates from Carnivora in Brazil. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 691-696.	0.3	17

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55	Isolation and Chemiluminescent Properties of Ferret ( <i>Mustela putorius furo</i> ) Polymorphonuclear Cells. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 1321-1324.	0.3	2
56	Three-Dimensional CT Examination of the Mastication System in the Giant Anteater. <i>Zoological Science</i> , 2007, 24, 1005-1011.	0.3	18
57	Sequencing of cDNA and proximal promoter of equine hexokinase II gene. <i>DNA Sequence</i> , 2007, 18, 203-208.	0.7	1
58	Changes in Activation States of Murine Polymorphonuclear Leukocytes (PMN) during Inflammation: a Comparison of Bone Marrow and Peritoneal Exudate PMN. <i>Vaccine Journal</i> , 2006, 13, 575-583.	3.2	55
59	Geographical Distribution of Vampire Bat-related Cattle Rabies in Brazil. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 1097-1100.	0.3	34
60	Extraction and Detection of mRNA from Horsehair. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 503-506.	0.3	5
61	Molecular Epidemiological Analysis of Bat Rabies Viruses in Brazil. <i>Journal of Veterinary Medical Science</i> , 2005, 67, 647-652.	0.3	59
62	Rapid discrimination of rabies viruses isolated from various host species in Brazil by multiplex reverse transcription-polymerase chain reaction. <i>Journal of Clinical Virology</i> , 2005, 33, 267-273.	1.6	11
63	Comparison of respiratory burst activity of inflammatory neutrophils in ayu () and carp (). <i>Fish and Shellfish Immunology</i> , 2005, 19, 363-373.	1.6	24
64	Immunostimulatory oligodeoxynucleotides induce dolphin neutrophil NADPH-oxidase activation in a CpG-independent but phosphorothioate backbone-dependent manner. <i>Developmental and Comparative Immunology</i> , 2005, 29, 583-588.	1.0	5
65	Genetic and Phylogenetic Analysis of Glycoprotein of Rabies Virus Isolated from Several Species in Brazil. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 747-753.	0.3	42
66	Genetic Characterization of Rabies Viruses Isolated from Frugivorous Bat ( <i>Artibeus</i> spp.) in Brazil. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 1271-1273.	0.3	38
67	Genetic and Serological Characterization of Novel Serotype G8 Bovine Group A Rotavirus Strains Isolated in Japan. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 1413-1416.	0.3	18
68	CT Sectional and Macroscopic Examinations of the Hip Joint Structure in the Carcass of an Adult and a Fetus Orang-Utan. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2004, 9, 119-123.	0.2	1
69	Flow cytometric analysis of the neutrophil respiratory burst of ayu, <i>Plecoglossus altivelis</i> : comparison with other fresh water fish. <i>Fish and Shellfish Immunology</i> , 2003, 15, 29-38.	1.6	39
70	Discrimination between dog-related and vampire bat-related rabies viruses in Brazil by strain-specific reverse transcriptase-polymerase chain reaction and restriction fragment length polymorphism analysis. <i>Journal of Clinical Virology</i> , 2003, 26, 317-330.	1.6	45
71	Differences in Ibaraki Virus RNA Segment 3 Sequences from Three Epidemics. <i>Journal of Veterinary Medical Science</i> , 2003, 65, 1257-1263.	0.3	15
72	Molecular Cloning and Expression of Bottlenose Dolphin ( <i>Tursiops truncatus</i> ) Interleukin-8. <i>Journal of Veterinary Medical Science</i> , 2003, 65, 1351-1354.	0.3	3

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73	Molecular Cloning of Equine Muscle-type Phosphofructokinase cDNA. Journal of Veterinary Medical Science, 2003, 65, 645-648.	0.3	2
74	Bovine Milk Enhances the Oxidative Burst Activity of Polymorphonuclear Leukocytes in Low Concentrations.. Journal of Veterinary Medical Science, 2002, 64, 1113-1116.	0.3	9
75	The Respiratory Burst Activity of Bottlenose Dolphin Neutrophils Elicited by Several Stimulants.. Journal of Veterinary Medical Science, 2002, 64, 711-714.	0.3	13
76	Priming of dolphin neutrophil respiratory burst by recombinant tumor necrosis factor alpha. Developmental and Comparative Immunology, 2002, 26, 675-679.	1.0	8
77	Oxygen radical generation and expression of NADPH oxidase genes in bottlenose dolphin (Tursiops) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	18
78	Molecular cloning and identification of bottle-nosed dolphin p40phox, p47phox and p67phox. Veterinary Immunology and Immunopathology, 2001, 78, 21-33.	0.5	11
79	Molecular cloning and functional expression of bottle-nosed dolphin (Tursiops truncatus) interleukin-1 receptor antagonist. Veterinary Immunology and Immunopathology, 2001, 78, 131-141.	0.5	15
80	Molecular cloning and functional characterization of bottlenose dolphin (Tursiops truncatus) tumor necrosis factor alpha. Veterinary Immunology and Immunopathology, 2001, 82, 183-192.	0.5	15
81	Analysis of Open Reading Frame 5 in Japanese Porcine Reproductive and Respiratory Syndrome Virus Isolates by Restriction Fragment Length Polymorphism.. Journal of Veterinary Medical Science, 2001, 63, 1203-1207.	0.3	7
82	Detection of Rabies Virus RNA Isolated from Several Species of Animals in Brazil by RT-PCR.. Journal of Veterinary Medical Science, 2001, 63, 1309-1313.	0.3	20
83	Genetic Characterization and Geographic Distribution of Rabies Virus Isolates in Brazil: Identification of Two Reservoirs, Dogs and Vampire Bats. Virology, 2001, 284, 214-222.	1.1	84
84	Molecular cloning and identification of bottle-nosed dolphin flavocytochrome b gp91phox and p22phox subunits. Veterinary Immunology and Immunopathology, 2000, 76, 137-150.	0.5	8
85	Analysis of localization and function of the COOH-terminal corresponding site of cytochrome b558 in fish neutrophils. Developmental and Comparative Immunology, 1999, 23, 213-219.	1.0	9
86	Cloning and Sequencing of the Bottle-Nosed Dolphin (Tursiops truncatus) Interferon-GAMMA. Gene.. Journal of Veterinary Medical Science, 1999, 61, 939-942.	0.3	20
87	Cloning and Sequencing of a Bottle-Nosed Dolphin (Tursiops truncatus) Interleukin-1.ALPHA. and -1.BETA. Complementary DNAs.. Journal of Veterinary Medical Science, 1999, 61, 1317-1321.	0.3	15
88	Cloning and Sequencing of a Bottle-Nosed Dolphin (Tursiops truncatus) Interleukin-4-Encoding cDNA. Journal of Veterinary Medical Science, 1999, 61, 693-696.	0.3	19
89	Evidence for the existence of cytochrome b558 in fish neutrophils by polyclonal anti-peptide antibody. Developmental and Comparative Immunology, 1998, 22, 433-437.	1.0	12
90	The Importance of Hydrogen Peroxide in Phagocytic Bactericidal Activity of Japanese Eel Neutrophils.. Fish Pathology, 1997, 32, 121-125.	0.4	19

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91	Kinetics of oxygen metabolism during respiratory burst in Japanese eel neutrophils. <i>Developmental and Comparative Immunology</i> , 1996, 20, 323-330.	1.0	61
92	Culture of Carp Hematopoietic Cells.. <i>Fish Pathology</i> , 1996, 31, 59-63.	0.4	13