

# Govindhaswamy Umapathy

List of Publications by Year  
in descending order

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Version: 2024-02-01

44  
papers

1,668  
citations

471509  
17  
h-index

302126  
39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
2	The occurrence of arboreal mammals in the rain forest fragments in the Anamalai Hills, south India. <i>Biological Conservation</i> , 2000, 92, 311-319.	4.1	75
3	Semen characteristics, cryopreservation, and successful artificial insemination in the Blue rock pigeon ( <i>Columba livia</i> ). <i>Theriogenology</i> , 2004, 62, 139-153.	2.1	52
4	Human Presence Increases Parasitic Load in Endangered Lion-Tailed Macaques ( <i>Macaca silenus</i> ) in Its Fragmented Rainforest Habitats in Southern India. <i>PLoS ONE</i> , 2013, 8, e63685.	2.5	47
5	Glucocorticoid Stress Responses of Reintroduced Tigers in Relation to Anthropogenic Disturbance in Sariska Tiger Reserve in India. <i>PLoS ONE</i> , 2015, 10, e0127626.	2.5	43
6	Non-invasive assessment of reproductive status and stress in captive Asian elephants in three south Indian zoos. <i>General and Comparative Endocrinology</i> , 2014, 201, 37-44.	1.8	38
7	Semen Characteristics of the Captive Indian White-Backed Vulture ( <i>Gyps bengalensis</i> ) 1. <i>Biology of Reproduction</i> , 2005, 73, 1039-1045.	2.7	35
8	Seasonal variations in semen characteristics, semen cryopreservation, estrus synchronization, and successful artificial insemination in the spotted deer ( <i>Axis axis</i> ). <i>Theriogenology</i> , 2007, 67, 1371-1378.	2.1	31
9	Impact of Habitat Fragmentation on the Demography of Lion-tailed Macaque ( <i>Macaca silenus</i> ) Populations in the Rainforests of Anamalai Hills, Western Ghats, India. <i>International Journal of Primatology</i> , 2011, 32, 889-900.	1.9	31
10	Development and characterization of 10 novel microsatellite markers from Chital deer ( <i>Cervus axis</i> ) and their cross-amplification in other related species. <i>Molecular Ecology Notes</i> , 2003, 3, 607-609.	1.7	30
11	Detection of pregnancy and fertility status in big cats using an enzyme immunoassay based on 5 $\alpha$ -pregnan-3 $\alpha$ -ol-20-one. <i>General and Comparative Endocrinology</i> , 2013, 180, 33-38.	1.8	29
12	Estrus behavior and fecal steroid profiles in the Asiatic lion ( <i>Panthera leo persica</i> ) during natural and gonadotropin-induced estrus. <i>Animal Reproduction Science</i> , 2007, 101, 313-325.	1.5	24
13	Pre-Historic and Recent Vicariance Events Shape Genetic Structure and Diversity in Endangered Lion-Tailed Macaque in the Western Ghats: Implications for Conservation. <i>PLoS ONE</i> , 2015, 10, e0142597.	2.5	21
14	Physiological stress responses in wild Asian elephants <i>Elephas maximus</i> in a human-dominated landscape in the Western Ghats, southern India. <i>General and Comparative Endocrinology</i> , 2018, 266, 150-156.	1.8	21
15	Non-Invasive Assessment of Physiological Stress in Captive Asian Elephants. <i>Animals</i> , 2019, 9, 553.	2.3	20
16	Status and Distribution of <i>Macaca fascicularis umbrosa</i> in the Nicobar Islands, India. <i>International Journal of Primatology</i> , 2003, 24, 281-293.	1.9	19
17	Physiological stress responses of tigers due to anthropogenic disturbance especially tourism in two central Indian tiger reserves. , 2019, 7, co045.		19
18	Land Use Change Increases Wildlife Parasite Diversity in Anamalai Hills, Western Ghats, India. <i>Scientific Reports</i> , 2019, 9, 11975.	3.3	19

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19	The demography of the lion-tailed macaque ( <i>Macaca silenus</i> ) in rain forest fragments in the Anamalai Hills, South India. <i>Primates</i> , 2000, 41, 119-126.	1.1	18
20	Yohimbine antagonizes the anaesthetic effects of ketamine-xylazine in captive Indian wild felids. <i>Veterinary Anaesthesia and Analgesia</i> , 2009, 36, 34-41.	0.6	16
21	Non-invasive monitoring of reproductive and stress hormones in the endangered red panda ( <i>Ailurus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.5	14
22	Non-invasive assessment of fecal progestagens and pregnancy detection in Himalayan musk deer ( <i>Moschus Âchrysogaster</i> ). <i>Theriogenology</i> , 2016, 85, 216-223.	2.1	14
23	Hair Cortisol in Sheltered Cows and Its Association with Other Welfare Indicators. <i>Animals</i> , 2019, 9, 248.	2.3	13
24	Comparison of tigers' fecal glucocorticoids level in two extreme habitats. <i>PLoS ONE</i> , 2019, 14, e0214447.	2.5	12
25	Genetic Diversity and Structure among Isolated Populations of the Endangered Gees Golden Langur in Assam, India. <i>PLoS ONE</i> , 2016, 11, e0161866.	2.5	11
26	Anesthesia induced by administration of xylazine hydrochloride alone or in combination with ketamine hydrochloride and reversal by administration of yohimbine hydrochloride in captive Axis deer ( <i>Axis axis</i> ). <i>American Journal of Veterinary Research</i> , 2007, 68, 20-24.	0.6	10
27	Ejaculate characteristics, short-term semen storage and successful artificial insemination following synchronisation of oestrus in the Indian blackbuck antelope ( <i>Antelope cervicapra</i> ). <i>Reproduction, Fertility and Development</i> , 2009, 21, 749.	0.4	10
28	Endocrine Profiling of Endangered Tropical Chelonians Using Noninvasive Fecal Steroid Analyses. <i>Chelonian Conservation and Biology</i> , 2015, 14, 108-115.	0.6	9
29	Non-Invasive Pregnancy Diagnosis in Big Cats using the PGFM (13,14-dihydro-15-keto-PGF <sub>2</sub> ±) Assay. <i>PLoS ONE</i> , 2015, 10, e0143958.	2.5	8
30	Prevalence and Co-Occurrence of Gastrointestinal Parasites in Nilgiri Langur (&lt;i>Trachypithecus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	8
31	Mammalian gastrointestinal parasites in rainforest remnants of Anamalai Hills, Western Ghats, India. <i>Journal of Biosciences</i> , 2015, 40, 399-406.	1.1	7
32	Variation in predicted COVID-19 risk among lemurs and lorises. <i>American Journal of Primatology</i> , 2021, 83, e23255.	1.7	7
33	Prevalence of Gastrointestinal Parasites in Civets of Fragmented Rainforest Patches in Anamalai Hills, Western Ghats, India. <i>Journal of Parasitology</i> , 2016, 102, 463-467.	0.7	6
34	Non-invasive monitoring of glucocorticoid metabolite concentrations in native Indian, as well as captive and re-wilded tigers in South Africa. <i>General and Comparative Endocrinology</i> , 2021, 308, 113783.	1.8	6
35	Tolazoline antagonises ketamine- xylazine anaesthesia in an endangered Black buck ( <i>Antelope</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.4	5
36	Understanding the Phylogenetics of Indian Hoolock Gibbons: Hoolock hoolock and <i>H. leuconedys</i> . <i>International Journal of Primatology</i> , 2021, 42, 463-477.	1.9	5

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37	Genetic effects of long-term captive breeding on the endangered pygmy hog. PeerJ, 2021, 9, e12212.	2.0	4
38	A practical method for storage, preservation and transportation of anuran urine samples using filter paper for hormone analysis. MethodsX, 2021, 8, 101578.	1.6	4
39	Non-Invasive Reproductive Hormone Monitoring in the Endangered Pygmy Hog ( <i>Porcula salvania</i> ). Animals, 2021, 11, 1324.	2.3	3
40	Diet Drives Differences in Reproductive Synchrony in Two Sympatric Mountain Ungulates in the Himalaya. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	3
41	Cross-specific markers reveal retention of genetic diversity in captive-bred pygmy hog, a critically endangered suid. Conservation Genetics Resources, 2020, 12, 269-273.	0.8	2
42	Environmental DNA as a tool for biodiversity monitoring in aquatic ecosystems – a review. Journal of Threatened Taxa, 2022, 14, 21102-21116.	0.3	1
43	Genetic Diversity and Population Structure in Western Hoolock ( <i>Hoolock hoolock</i> ) Gibbons in India. International Journal of Primatology, 2023, 44, 1-5.	1.9	1
44	The 34,XY1,der(13) Chromosome Constitution with Loss of Y2Is Associated with Unilateral Testicular Hypoplasia in the Endangered Indian Blackbuck Antelope( <i>Antelope cervicapra</i> ). Sexual Development, 2012, 6, 240-246.	2.0	0