

Bernhard Voelkl

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,190
citations

236925

25
h-index

265206

42
g-index

52
all docs

52
docs citations

52
times ranked

3309
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | True imitation in marmosets. <i>Animal Behaviour</i> , 2000, 60, 195-202. | 1.9 | 341 |
| 2 | Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4. | 27.8 | 339 |
| 3 | Upwash exploitation and downwash avoidance by flap phasing in ibis formation flight. <i>Nature</i> , 2014, 505, 399-402. | 27.8 | 272 |
| 4 | Reproducibility of animal research in light of biological variation. <i>Nature Reviews Neuroscience</i> , 2020, 21, 384-393. | 10.2 | 193 |
| 5 | Reproducibility of preclinical animal research improves with heterogeneity of study samples. <i>PLoS Biology</i> , 2018, 16, e2003693. | 5.6 | 186 |
| 6 | Supply and demand determine the market value of food providers in wild vervet monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12007-12012. | 7.1 | 185 |
| 7 | Consistent individual differences in the social phenotypes of wild great tits, <i>Parus major</i> . <i>Animal Behaviour</i> , 2015, 108, 117-127. | 1.9 | 137 |
| 8 | A social network analysis of primate groups. <i>Primates</i> , 2009, 50, 343-356. | 1.1 | 133 |
| 9 | The evolution of imitation: what do the capacities of non-human animals tell us about the mechanisms of imitation?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2299-2309. | 4.0 | 107 |
| 10 | Matching times of leading and following suggest cooperation through direct reciprocity during V-formation flight in ibis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2115-2120. | 7.1 | 104 |
| 11 | Imitation as Faithful Copying of a Novel Technique in Marmoset Monkeys. <i>PLoS ONE</i> , 2007, 2, e611. | 2.5 | 92 |
| 12 | The role of social and ecological processes in structuring animal populations: a case study from automated tracking of wild birds. <i>Royal Society Open Science</i> , 2015, 2, 150057. | 2.4 | 91 |
| 13 | Inferring social structure from temporal data. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 857-866. | 1.4 | 86 |
| 14 | Social contact influences the response of infant marmosets towards novel food. <i>Animal Behaviour</i> , 2006, 72, 365-372. | 1.9 | 81 |
| 15 | Effects of Cage Enrichment on Behavior, Welfare and Outcome Variability in Female Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 232. | 2.0 | 81 |
| 16 | Experimental Evidence that Social Relationships Determine Individual Foraging Behavior. <i>Current Biology</i> , 2015, 25, 3138-3143. | 3.9 | 73 |
| 17 | Reproducibility Crisis: Are We Ignoring Reaction Norms?. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 509-510. | 8.7 | 73 |
| 18 | The influence of social structure on the propagation of social information in artificial primate groups: A graph-based simulation approach. <i>Journal of Theoretical Biology</i> , 2008, 252, 77-86. | 1.7 | 61 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Social structure of primate interaction networks facilitates the emergence of cooperation. <i>Biology Letters</i> , 2009, 5, 462-464. | 2.3 | 57 |
| 20 | Wild birds respond to flockmate loss by increasing their social network associations to others. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170299. | 2.6 | 50 |
| 21 | Network measures for dyadic interactions: stability and reliability. <i>American Journal of Primatology</i> , 2011, 73, 731-740. | 1.7 | 44 |
| 22 | Social dominance hierarchy type and rank contribute to phenotypic variation within cages of laboratory mice. <i>Scientific Reports</i> , 2019, 9, 13650. | 3.3 | 41 |
| 23 | Relation between travel strategy and social organization of migrating birds with special consideration of formation flight in the northern bald ibis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160235. | 4.0 | 35 |
| 24 | Individual variation in winter supplementary food consumption and its consequences for reproduction in wild birds. <i>Journal of Avian Biology</i> , 2016, 47, 678-689. | 1.2 | 32 |
| 25 | Simulation of information propagation in real-life primate networks: longevity, fecundity, fidelity. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1449-1459. | 1.4 | 31 |
| 26 | The standardization fallacy. <i>Nature Methods</i> , 2021, 18, 5-7. | 19.0 | 28 |
| 27 | Tolerated mouth-to-mouth food transfers in common marmosets. <i>Primates</i> , 2008, 49, 153-156. | 1.1 | 25 |
| 28 | Effects of weaning age and housing conditions on phenotypic differences in mice. <i>Scientific Reports</i> , 2020, 10, 11684. | 3.3 | 25 |
| 29 | Nonlethal predator effects on the turn-over of wild bird flocks. <i>Scientific Reports</i> , 2016, 6, 33476. | 3.3 | 23 |
| 30 | Social relationships between adult females and the alpha male in wild tufted capuchin monkeys. <i>American Journal of Primatology</i> , 2011, 73, 812-820. | 1.7 | 20 |
| 31 | Dynamic network measures reveal the impact of cattle markets and alpine summering on the risk of epidemic outbreaks in the Swiss cattle population. <i>BMC Veterinary Research</i> , 2018, 14, 88. | 1.9 | 20 |
| 32 | The "Hawk-Dove" Game and the Speed of the Evolutionary Process in Small Heterogeneous Populations. <i>Games</i> , 2010, 1, 103-116. | 0.6 | 17 |
| 33 | A reaction norm perspective on reproducibility. <i>Theory in Biosciences</i> , 2021, 140, 169-176. | 1.4 | 16 |
| 34 | Multiple testing: correcting for alpha error inflation with false discovery rate (FDR) or family-wise error rate?. <i>Animal Behaviour</i> , 2019, 155, 173-177. | 1.9 | 12 |
| 35 | A Systematic Review and Meta-Analysis of the Relationship Between Social Dominance Status and Common Behavioral Phenotypes in Male Laboratory Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 624036. | 2.0 | 11 |
| 36 | Similarity in Temporal Movement Patterns in Laying Hens Increases with Time and Social Association. <i>Animals</i> , 2022, 12, 555. | 2.3 | 11 |

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|----|---|------|-----------|
| 37 | TWO MEASURES OF EFFECTIVE POPULATION SIZE FOR GRAPHS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1613-1623. | 2.3 | 10 |
| 38 | The evolution of generalized reciprocity in social interaction networks. <i>Theoretical Population Biology</i> , 2015, 104, 17-25. | 1.1 | 10 |
| 39 | Biologging is suspect to cause corneal opacity in two populations of wild living Northern Bald Ibises (<i>Geronticus eremita</i>). <i>Avian Research</i> , 2020, 11, . | 1.2 | 10 |
| 40 | Social and Physical Cognition in Marmosets and Tamarins. , 2009, , 183-201. | | 5 |
| 41 | Reply to "It is time for an empirically informed paradigm shift in animal research". <i>Nature Reviews Neuroscience</i> , 2020, 21, 661-662. | 10.2 | 4 |
| 42 | Common marmosets (<i>Callithrix jacchus</i>) do not utilize social information in three simultaneous social foraging tasks. <i>Animal Cognition</i> , 2007, 10, 149-158. | 1.8 | 3 |
| 43 | Soaring and intermittent flap-gliding during migratory flights of Northern Bald Ibis. <i>Journal of Ornithology</i> , 0, , 1. | 1.1 | 3 |
| 44 | Empirical Evidence for Energy Efficiency Using Intermittent Gliding Flight in Northern Bald Ibises. <i>Frontiers in Ecology and Evolution</i> , 0, 10, . | 2.2 | 1 |
| 45 | Quantitative characterization of animal social organization: Applications for epidemiological modelling. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 5005-5026. | 1.9 | 0 |
| 46 | Norm of Reaction. , 2022, , 4686-4689. | | 0 |