

# Andreas Nieder

## List of Publications by Citations

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128  
papers

7,666  
citations

47  
h-index

86  
g-index

134  
ext. papers

8,906  
ext. citations

8.1  
avg. IF

7.13  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 128 | Representation of the quantity of visual items in the primate prefrontal cortex. <i>Science</i> , <b>2002</b> , 297, 1708-1713   | 33.3 | 615       |
| 127 | Representation of number in the brain. <i>Annual Review of Neuroscience</i> , <b>2009</b> , 32, 185-208  | 17   | 585       |
| 126 | Counting on neurons: the neurobiology of numerical competence. <i>Nature Reviews Neuroscience</i> , <b>2005</b> , 6, 177-90  | 13.5 | 406       |
| 125 | A parieto-frontal network for visual numerical information in the monkey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 7457-62                                | 11.5 | 402       |
| 124 | Coding of cognitive magnitude: compressed scaling of numerical information in the primate prefrontal cortex. <i>Neuron</i> , <b>2003</b> , 37, 149-57  | 13.9 | 400       |
| 123 | Temporal and spatial enumeration processes in the primate parietal cortex. <i>Science</i> , <b>2006</b> , 313, 1431-5  | 33.3 | 283       |
| 122 | The neuronal code for number. <i>Nature Reviews Neuroscience</i> , <b>2016</b> , 17, 366-82  | 13.5 | 216       |
| 121 | Neuronal population coding of continuous and discrete quantity in the primate posterior parietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 14513-8 | 11.5 | 211       |
| 120 | A labeled-line code for small and large numerosities in the monkey prefrontal cortex. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 5986-93   | 6.6  | 164       |
| 119 | Supramodal numerosity selectivity of neurons in primate prefrontal and posterior parietal cortices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 11860-5      | 11.5 | 148       |
| 118 | Neural correlates of categories and concepts. <i>Current Opinion in Neurobiology</i> , <b>2003</b> , 13, 198-203   | 7.6  | 131       |
| 117 | Neurons selective to the number of visual items in the corvid songbird endbrain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7827-32                         | 11.5 | 129       |
| 116 | Neuronal correlates of a visual "sense of number" in primate parietal and prefrontal cortices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 11187-92          | 11.5 | 129       |
| 115 | Dopamine and Cognitive Control in Prefrontal Cortex. <i>Trends in Cognitive Sciences</i> , <b>2019</b> , 23, 213-234   | 14   | 126       |
| 114 | Contributions of primate prefrontal and posterior parietal cortices to length and numerosity representation. <i>Journal of Neurophysiology</i> , <b>2009</b> , 101, 2984-94  | 3.2  | 124       |
| 113 | Semantic associations between signs and numerical categories in the prefrontal cortex. <i>PLoS Biology</i> , <b>2007</b> , 5, e294   | 9.7  | 122       |
| 112 | Tuning to non-symbolic proportions in the human frontoparietal cortex. <i>European Journal of Neuroscience</i> , <b>2009</b> , 30, 1432-42   | 3.5  | 110       |

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|-----|--|------|-----|
| 111 | Notation-independent representation of fractions in the human parietal cortex. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 4652-7   | 6.6  | 109 |
| 110 | Relating magnitudes: the brain's code for proportions. <i>Trends in Cognitive Sciences</i> , <b>2012</b> , 16, 157-66  | 14   | 105 |
| 109 | Behavioral and prefrontal representation of spatial proportions in the monkey. <i>Current Biology</i> , <b>2008</b> , 18, 1420-5   | 6.3  | 93  |
| 108 | Analog numerical representations in rhesus monkeys: evidence for parallel processing. <i>Journal of Cognitive Neuroscience</i> , <b>2004</b> , 16, 889-901                                     | 3.1  | 93  |
| 107 | Single neurons in monkey prefrontal cortex encode volitional initiation of vocalizations. <i>Nature Communications</i> , <b>2013</b> , 4, 2409   | 17.4 | 90  |
| 106 | Abstract rule neurons in the endbrain support intelligent behaviour in corvid songbirds. <i>Nature Communications</i> , <b>2013</b> , 4, 2878  | 17.4 | 89  |
| 105 | Prefrontal cortex and the evolution of symbolic reference. <i>Current Opinion in Neurobiology</i> , <b>2009</b> , 19, 99-108   | 7.6  | 88  |
| 104 | Perception and neuronal coding of subjective contours in the owl. <i>Nature Neuroscience</i> , <b>1999</b> , 2, 660-3  | 25.5 | 88  |
| 103 | Neuronal correlates of visual working memory in the corvid endbrain. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 7778-86  | 6.6  | 84  |
| 102 | Cognitive control of distinct vocalizations in rhesus monkeys. <i>Journal of Cognitive Neuroscience</i> , <b>2013</b> , 25, 1692-701   | 3.1  | 82  |
| 101 | Basic mathematical rules are encoded by primate prefrontal cortex neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2277-82 | 11.5 | 81  |
| 100 | Complementary roles for primate frontal and parietal cortex in guarding working memory from distractor stimuli. <i>Neuron</i> , <b>2014</b> , 83, 226-37                                       | 13.9 | 80  |
| 99  | Dual Neural Network Model for the Evolution of Speech and Language. <i>Trends in Neurosciences</i> , <b>2016</b> , 39, 813-829   | 13.3 | 79  |
| 98  | The number domain- can we count on parietal cortex?. <i>Neuron</i> , <b>2004</b> , 44, 407-9   | 13.9 | 75  |
| 97  | Neuronal Representation of Numerosity Zero in the Primate Parieto-Frontal Number Network. <i>Current Biology</i> , <b>2016</b> , 26, 1285-94   | 6.3  | 73  |
| 96  | Differential impact of behavioral relevance on quantity coding in primate frontal and parietal neurons. <i>Current Biology</i> , <b>2015</b> , 25, 1259-69                                     | 6.3  | 72  |
| 95  | Dopamine receptors differentially enhance rule coding in primate prefrontal cortex neurons. <i>Neuron</i> , <b>2014</b> , 84, 1317-28  | 13.9 | 65  |
| 94  | Complementary contributions of prefrontal neuron classes in abstract numerical categorization. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 7737-47                                      | 6.6  | 63  |

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|----|---|------|----|
| 93 | Numerosity representations in crows obey the Weber-Fechner law. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283, 20160083  | 4.4  | 61 |
| 92 | Ontogeny of object permanence and object tracking in the carrion crow, <i>Corvus corone</i> . <i>Animal Behaviour</i> , <b>2011</b> , 82, 359-367   | 2.8  | 58 |
| 91 | Coding of abstract quantity by number neurons of the primate brain. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2013</b> , 199, 1-16                             | 2.3  | 55 |
| 90 | Representation of abstract quantitative rules applied to spatial and numerical magnitudes in primate prefrontal cortex. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 7526-34  | 6.6  | 55 |
| 89 | Miniature stereo radio transmitter for simultaneous recording of multiple single-neuron signals from behaving owls. <i>Journal of Neuroscience Methods</i> , <b>2000</b> , 101, 157-64  | 3    | 55 |
| 88 | Compressed scaling of abstract numerosity representations in adult humans and monkeys. <i>Journal of Cognitive Neuroscience</i> , <b>2009</b> , 21, 333-46  | 3.1  | 54 |
| 87 | Active encoding of decisions about stimulus absence in primate prefrontal cortex neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6289-94                   | 11.5 | 54 |
| 86 | Numerical rule coding in the prefrontal, premotor, and posterior parietal cortices of macaques. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 6621-30  | 6.6  | 50 |
| 85 | A neural correlate of sensory consciousness in a corvid bird. <i>Science</i> , <b>2020</b> , 369, 1626-1629   | 33.3 | 50 |
| 84 | Comparison of length judgments and the Müller-Lyer illusion in monkeys and humans. <i>Experimental Brain Research</i> , <b>2010</b> , 207, 221-31   | 2.3  | 48 |
| 83 | Dopamine regulates two classes of primate prefrontal neurons that represent sensory signals. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 13724-34  | 6.6  | 47 |
| 82 | Audio-vocal interaction in single neurons of the monkey ventrolateral prefrontal cortex. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 7030-40   | 6.6  | 47 |
| 81 | Horizontal-disparity tuning of neurons in the visual forebrain of the behaving barn owl. <i>Journal of Neurophysiology</i> , <b>2000</b> , 83, 2967-79  | 3.2  | 47 |
| 80 | Single Neurons in the Human Brain Encode Numbers. <i>Neuron</i> , <b>2018</b> , 100, 753-761.e4   | 13.9 | 45 |
| 79 | Hierarchical processing of horizontal disparity information in the visual forebrain of behaving owls. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 4514-22  | 6.6  | 44 |
| 78 | Associative learning rapidly establishes neuronal representations of upcoming behavioral choices in crows. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 15208-13 | 11.5 | 43 |
| 77 | Cross-Modal Associative Mnemonic Signals in Crow Endbrain Neurons. <i>Current Biology</i> , <b>2015</b> , 25, 2196-2013   | 6.3  | 43 |
| 76 | Representing Something Out of Nothing: The Dawning of Zero. <i>Trends in Cognitive Sciences</i> , <b>2016</b> , 20, 830-842   | 14   | 39 |

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|----|---|------|----|
| 75 | Single-cell coding of sensory, spatial and numerical magnitudes in primate prefrontal, premotor and cingulate motor cortices. <i>Experimental Brain Research</i> , <b>2016</b> , 234, 241-54                      | 2.3  | 37 |
| 74 | Inside the corvid brain—Probing the physiology of cognition in crows. <i>Current Opinion in Behavioral Sciences</i> , <b>2017</b> , 16, 8-14  | 4    | 37 |
| 73 | Sensory and Working Memory Representations of Small and Large Numerosities in the Crow Endbrain. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 12044-12052   | 6.6  | 37 |
| 72 | Number detectors spontaneously emerge in a deep neural network designed for visual object recognition. <i>Science Advances</i> , <b>2019</b> , 5, eaav7903  | 14.3 | 36 |
| 71 | The neurobiology of innate, volitional and learned vocalizations in mammals and birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 375, 20190054                | 5.8  | 36 |
| 70 | Evolution of cognitive and neural solutions enabling numerosity judgements: lessons from primates and corvids. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 373, | 5.8  | 34 |
| 69 | Adjustable frequency selectivity of auditory forebrain neurons recorded in a freely moving songbird via radiotelemetry. <i>Hearing Research</i> , <b>1999</b> , 127, 41-54  | 3.9  | 34 |
| 68 | The ABC of cardinal and ordinal number representations. <i>Trends in Cognitive Sciences</i> , <b>2008</b> , 12, 41-3  | 14   | 32 |
| 67 | The Adaptive Value of Numerical Competence. <i>Trends in Ecology and Evolution</i> , <b>2020</b> , 35, 605-617  | 10.9 | 32 |
| 66 | Serotonin Decreases the Gain of Visual Responses in Awake Macaque V1. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 11390-11405  | 6.6  | 31 |
| 65 | Neurons in the Endbrain of Numerically Naive Crows Spontaneously Encode Visual Numerosity. <i>Current Biology</i> , <b>2018</b> , 28, 1090-1094.e4  | 6.3  | 30 |
| 64 | Representations of visual proportions in the primate posterior parietal and prefrontal cortices. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 1380-7   | 3.5  | 30 |
| 63 | Structuring of Abstract Working Memory Content by Fronto-parietal Synchrony in Primate Cortex. <i>Neuron</i> , <b>2018</b> , 99, 588-597.e5   | 13.9 | 28 |
| 62 | Signal detection in amplitude-modulated maskers. II. Processing in the songbird auditory forebrain. <i>European Journal of Neuroscience</i> , <b>2001</b> , 13, 1033-44   | 3.5  | 27 |
| 61 | Developmental changes of cognitive vocal control in monkeys. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 1744-9   | 3    | 25 |
| 60 | Encoding of both vertical and horizontal disparity in random-dot stereograms by Wulst neurons of awake barn owls. <i>Visual Neuroscience</i> , <b>2001</b> , 18, 541-7  | 1.7  | 24 |
| 59 | Cell-type-specific modulation of targets and distractors by dopamine D1 receptors in primate prefrontal cortex. <i>Nature Communications</i> , <b>2016</b> , 7, 13218   | 17.4 | 24 |
| 58 | A Brain for Numbers <b>2019</b> ,   |      | 23 |

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|----|---|------|----|
| 57 | Neuronal Correlates of Spatial Working Memory in the Endbrain of Crows. <i>Current Biology</i> , <b>2019</b> , 29, 2616-2624.e4   | 6.3  | 22 |
| 56 | Functional Specialization of the Primate Frontal Lobe during Cognitive Control of Vocalizations. <i>Cell Reports</i> , <b>2017</b> , 21, 2393-2406  | 10.6 | 22 |
| 55 | The long and the short of it: rule-based relative length discrimination in carrion crows, <i>Corvus corone</i> . <i>Behavioural Processes</i> , <b>2014</b> , 107, 142-9                      | 1.6  | 21 |
| 54 | Number Faculty Is Rooted in Our Biological Heritage. <i>Trends in Cognitive Sciences</i> , <b>2017</b> , 21, 403-404  | 14   | 20 |
| 53 | Dopamine D2 Receptors Enhance Population Dynamics in Primate Prefrontal Working Memory Circuits. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 4423-4435   | 5.1  | 19 |
| 52 | Format-dependent and format-independent representation of sequential and simultaneous numerosity in the crow endbrain. <i>Nature Communications</i> , <b>2020</b> , 11, 686                   | 17.4 | 16 |
| 51 | Spatially Tuned Neurons in Corvid Nidopallium Caudolaterale Signal Target Position During Visual Search. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 1103-1112                                 | 5.1  | 15 |
| 50 | Volitional control of vocalizations in corvid songbirds. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000375   | 9.7  | 14 |
| 49 | Magnitude Codes for Cross-Modal Working Memory in the Primate Frontal Association Cortex. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 202  | 5.1  | 12 |
| 48 | Release from masking in fluctuating background noise in a songbird's auditory forebrain. <i>NeuroReport</i> , <b>2001</b> , 12, 1825-9  | 1.7  | 12 |
| 47 | Carrion crows ( <i>Corvus corone corone</i> ) fail the mirror mark test yet again. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , <b>2020</b> ,                           | 2.1  | 12 |
| 46 | Honey bees zero in on the empty set. <i>Science</i> , <b>2018</b> , 360, 1069-1070  | 33.3 | 11 |
| 45 | Comparison of abstract decision encoding in the monkey prefrontal cortex, the presupplementary, and cingulate motor areas. <i>Journal of Neurophysiology</i> , <b>2013</b> , 110, 19-32       | 3.2  | 11 |
| 44 | Neural constraints on human number concepts. <i>Current Opinion in Neurobiology</i> , <b>2020</b> , 60, 28-36   | 7.6  | 11 |
| 43 | Parting self from others: Individual and self-recognition in birds. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 116, 99-108   | 9    | 10 |
| 42 | A random-matrix theory of the number sense. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 373,  | 5.8  | 10 |
| 41 | Comparing the face inversion effect in crows and humans. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2017</b> , 203, 1017-1027 | 2.3  | 10 |
| 40 | Modality-invariant audio-visual association coding in crow endbrain neurons. <i>Neurobiology of Learning and Memory</i> , <b>2017</b> , 137, 65-76  | 3.1  | 9  |

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|----|---|------|---|
| 39 | Numerical values leave a semantic imprint on associated signs in monkeys. <i>Journal of Cognitive Neuroscience</i> , <b>2010</b> , 22, 174-83   | 3.1  | 9 |
| 38 | Spatial Neuronal Integration Supports a Global Representation of Visual Numerosity in Primate Association Cortices. <i>Journal of Cognitive Neuroscience</i> , <b>2020</b> , 32, 1184-1197        | 3.1  | 8 |
| 37 | Rule activity related to spatial and numerical magnitudes: comparison of prefrontal, premotor, and cingulate motor cortices. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 1000-12 | 3.1  | 7 |
| 36 | Ethograms indicate stable well-being during prolonged training phases in rhesus monkeys used in neurophysiological research. <i>Laboratory Animals</i> , <b>2014</b> , 48, 82-7                   | 2.6  | 7 |
| 35 | The Evolutionary History of Brains for Numbers. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 608-621   | 14   | 7 |
| 34 | Neurons in the crow nidopallium caudolaterale encode varying durations of visual working memory periods. <i>Experimental Brain Research</i> , <b>2018</b> , 236, 215-226                          | 2.3  | 7 |
| 33 | Neurons in the Hippocampus of Crows Lack Responses to Non-spatial Abstract Categories. <i>Frontiers in Systems Neuroscience</i> , <b>2018</b> , 12, 33  | 3.5  | 6 |
| 32 | Dopamine Gates Visual Signals in Monkey Prefrontal Cortex Neurons. <i>Cell Reports</i> , <b>2020</b> , 30, 164-172.e4   | 10.6 | 6 |
| 31 | Behavioral and Neuronal Representation of Numerosity Zero in the Crow. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 4889-4896   | 6.6  | 6 |
| 30 | Working memory representation of empty sets in the primate parietal and prefrontal cortices. <i>Cortex</i> , <b>2019</b> , 114, 102-114   | 3.8  | 5 |
| 29 | Visual Receptive Field Heterogeneity and Functional Connectivity of Adjacent Neurons in Primate Frontoparietal Association Cortices. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 8919-8928 | 6.6  | 5 |
| 28 | Encoding of global visual motion in the nidopallium caudolaterale of behaving crows. <i>European Journal of Neuroscience</i> , <b>2017</b> , 45, 267-277  | 3.5  | 5 |
| 27 | Stable numerosity representations irrespective of magnitude context in macaque prefrontal cortex. <i>European Journal of Neuroscience</i> , <b>2014</b> , 39, 866-74                              | 3.5  | 5 |
| 26 | Blockage of NMDA- and GABA(A) Receptors Improves Working Memory Selectivity of Primate Prefrontal Neurons. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 1527-1537                           | 6.6  | 5 |
| 25 | Absolute Numerosity Discrimination as a Case Study in Comparative Vertebrate Intelligence. <i>Frontiers in Psychology</i> , <b>2020</b> , 11, 1843  | 3.4  | 5 |
| 24 | Neuroethology of number sense across the animal kingdom. <i>Journal of Experimental Biology</i> , <b>2021</b> , 224,  | 3    | 5 |
| 23 | Neural Code of Motor Planning and Execution during Goal-Directed Movements in Crows. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 4060-4072   | 6.6  | 5 |
| 22 | Distinct neural networks for the volitional control of vocal and manual actions in the monkey homologue of Broca's area. <i>ELife</i> , <b>2021</b> , 10,   | 8.9  | 5 |

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|----|---|------|---|
| 21 | Dopamine Receptors Influence Internally Generated Oscillations during Rule Processing in Primate Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , <b>2018</b> , 30, 770-784      | 3.1  | 4 |
| 20 | Stereoscopic vision: solving the correspondence problem. <i>Current Biology</i> , <b>2003</b> , 13, R394-6  | 6.3  | 4 |
| 19 | Working memory capacity of crows and monkeys arises from similar neuronal computations. <i>ELife</i> , <b>2021</b> , 10,  | 8.9  | 4 |
| 18 | The Neural Code for Number <b>2011</b> , 103-118  |      | 4 |
| 17 | A histological study of the song system of the carrion crow ( <i>Corvus corone</i> ). <i>Journal of Comparative Neurology</i> , <b>2021</b> , 529, 2576-2595                                  | 3.4  | 4 |
| 16 | Number faculty is alive and kicking: On number discriminations and number neurons. <i>Behavioral and Brain Sciences</i> , <b>2017</b> , 40, e181  | 0.9  | 3 |
| 15 | Comparison of visual receptive fields in the dorsolateral prefrontal cortex and ventral intraparietal area in macaques. <i>European Journal of Neuroscience</i> , <b>2017</b> , 46, 2702-2712 | 3.5  | 3 |
| 14 | Learning Recruits Neurons Representing Previously Established Associations in the Corvid Endbrain. <i>Journal of Cognitive Neuroscience</i> , <b>2017</b> , 29, 1712-1724                     | 3.1  | 2 |
| 13 | Neuronal codes for arithmetic rule processing in the human brain.. <i>Current Biology</i> , <b>2022</b> ,   | 6.3  | 2 |
| 12 | The evolution of quantitative sensitivity.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20200529                                       | 5.8  | 2 |
| 11 | Categorical Auditory Working Memory in Crows. <i>IScience</i> , <b>2020</b> , 23, 101737  | 6.1  | 1 |
| 10 | Primate Social Communication Goes Interactive. <i>Neuron</i> , <b>2018</b> , 99, 250-253  | 13.9 | 1 |
| 9  | Neurobiologische Grundlagen der Verarbeitung von Anzahlen und Proportionen im Primatengehirn. <i>E-Neuroforum</i> , <b>2012</b> , 18, 196-203   |      | 1 |
| 8  | Interrelation of kinetic and stereoscopic depth: behavior and physiology in vertebrates. <i>Behavioural Processes</i> , <b>2003</b> , 64, 13-16   | 1.6  | 1 |
| 7  | Spontaneous representation of numerosity zero in a deep neural network for visual object recognition. <i>IScience</i> , <b>2021</b> , 24, 103301  | 6.1  | 1 |
| 6  | Consciousness without cortex. <i>Current Opinion in Neurobiology</i> , <b>2021</b> , 71, 69-76  | 7.6  | 1 |
| 5  | Working memory capacity of crows and monkeys arises from similar neuronal computations  |      | 1 |
| 4  | Feature-based attention processes in primate prefrontal cortex do not rely on feature similarity. <i>Cell Reports</i> , <b>2021</b> , 36, 109470  | 10.6 | 0 |



- 3 Cell-type specific pallial circuits shape categorical tuning responses in the crow telencephalon.. *Communications Biology*, **2022**, 5, 269 6.7 o
- 2 Temporal and spatial enumeration processes in the primate parietal cortex. *E-Neuroforum*, **2006**, 12, 267-269
- 1 Representation of Numerical Information in the Brain **2007**, 271-283