

# GÃ©rard Coureaud

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,200  
citations

236925

25  
h-index

233421

45  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and behavioural characterization of the rabbit mammary pheromone. <i>Nature</i> , 2003, 424, 68-72.	27.8	325
2	The perception of odor objects in everyday life: a review on the processing of odor mixtures. <i>Frontiers in Psychology</i> , 2014, 5, 504.	2.1	163
3	Recent Smell Loss Is the Best Predictor of COVID-19 Among Individuals With Recent Respiratory Symptoms. <i>Chemical Senses</i> , 2021, 46, .	2.0	119
4	A Pheromone That Rapidly Promotes Learning in the Newborn. <i>Current Biology</i> , 2006, 16, 1956-1961.	3.9	90
5	Transnatal olfactory continuity in the rabbit: Behavioral evidence and short-term consequence of its disruption. <i>Developmental Psychobiology</i> , 2002, 40, 372-390.	1.6	87
6	Mammary olfactory signalisation in females and odor processing in neonates: Ways evolved by rabbits and humans. <i>Behavioural Brain Research</i> , 2009, 200, 346-358.	2.2	79
7	Scramble competition in newborn domestic rabbits for an unusually restricted milk supply. <i>Animal Behaviour</i> , 2005, 70, 1011-1021.	1.9	77
8	Perceptual Processing Strategy and Exposure Influence the Perception of Odor Mixtures. <i>Chemical Senses</i> , 2007, 33, 193-199.	2.0	75
9	Human awareness and uses of odor cues in everyday life: Results from a questionnaire study in children. <i>International Journal of Behavioral Development</i> , 2008, 32, 422-431.	2.4	64
10	Immediate postnatal sucking in the rabbit: Its influence on pup survival and growth. <i>Reproduction, Nutrition, Development</i> , 2000, 40, 19-32.	1.9	63
11	Perceptual Blending in Odor Mixtures Depends on the Nature of Odorants and Human Olfactory Expertise. <i>Chemical Senses</i> , 2012, 37, 159-166.	2.0	59
12	Orientation response of newborn rabbits to odours of lactating females: relative effectiveness of surface and milk cues. <i>Animal Behaviour</i> , 2001, 61, 153-162.	1.9	53
13	Newborn Rabbit Responsiveness to the Mammary Pheromone is Concentration-dependent. <i>Chemical Senses</i> , 2004, 29, 341-350.	2.0	51
14	Perception of odor blending mixtures in the newborn rabbit. <i>Physiology and Behavior</i> , 2008, 95, 194-199.	2.1	46
15	Rabbit pup response to the mammary pheromone: From automatism to prandial control. <i>Physiology and Behavior</i> , 2006, 89, 742-749.	2.1	44
16	A pheromone to behave, a pheromone to learn: the rabbit mammary pheromone. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 779-790.	1.6	41
17	Mimicking Natural Nursing Conditions Promotes Early Pup Survival in Domestic Rabbits. <i>Ethology</i> , 2000, 106, 207-225.	1.1	39
18	Rabbit Neonates and Human Adults Perceive a Blending 6-Component Odor Mixture in a Comparable Manner. <i>PLoS ONE</i> , 2013, 8, e53534.	2.5	37

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19	The mammary pheromone of the rabbit: from where does it come?. <i>Animal Behaviour</i> , 2005, 69, 29-38.	1.9	33
20	Attraction of newborn rabbits to abdominal odors of adult conspecifics differing in sex and physiological state. , 2000, 36, 271-281.		31
21	Elemental and configural processing of odour mixtures in the newborn rabbit. <i>Journal of Experimental Biology</i> , 2009, 212, 2525-2531.	1.7	30
22	Proportion of Odorants Impacts the Configural versus Elemental Perception of a Binary Blending Mixture in Newborn Rabbits. <i>Chemical Senses</i> , 2011, 36, 693-700.	2.0	29
23	Experience influences elemental and configural perception of certain binary odour mixtures in newborn rabbits. <i>Journal of Experimental Biology</i> , 2011, 214, 4171-4178.	1.7	28
24	The reactivity of neonatal rabbits to the mammary pheromone as a probe for viability. <i>Animal</i> , 2007, 1, 1026-1032.	3.3	26
25	A single key-odorant accounts for the pheromonal effect of rabbit milk: Further test of the mammary pheromone's activity against a wide sample of volatiles from milk. <i>Chemoecology</i> , 2003, 13, 187-192.	1.1	25
26	Convergent changes in the maternal emission and pup reception of the rabbit mammary pheromone. <i>Chemoecology</i> , 2006, 16, 169-174.	1.1	25
27	Odorant-odorant metabolic interaction, a novel actor in olfactory perception and behavioral responsiveness. <i>Scientific Reports</i> , 2017, 7, 10219.	3.3	25
28	Nasal mucus glutathione transferase activity and impact on olfactory perception and neonatal behavior. <i>Scientific Reports</i> , 2019, 9, 3104.	3.3	24
29	Brain processing of the mammary pheromone in newborn rabbits. <i>Behavioural Brain Research</i> , 2012, 226, 179-188.	2.2	23
30	Neonatal representation of odour objects: distinct memories of the whole and its parts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133319.	2.6	23
31	Pheromone-induced odor learning modifies Fos expression in the newborn rabbit brain. <i>Behavioural Brain Research</i> , 2013, 237, 129-140.	2.2	22
32	Key odorants or key associations? Insights into elemental and configural odour processing. <i>Flavour and Fragrance Journal</i> , 2018, 33, 97-105.	2.6	21
33	The responsiveness of young rabbits to the mammary pheromone: developmental course in domestic and wild pups. <i>Chemoecology</i> , 2008, 18, 53-59.	1.1	19
34	Attitudes toward Everyday Odors for Children with Visual Impairments: A Pilot Study. <i>Journal of Visual Impairment and Blindness</i> , 2010, 104, 55-59.	0.7	19
35	When the Nose Must Remain Responsive: Glutathione Conjugation of the Mammary Pheromone in the Newborn Rabbit. <i>Chemical Senses</i> , 2014, 39, 425-437.	2.0	19
36	Brain processing of a configural vs elemental odor mixture in the newborn rabbit. <i>Brain Structure and Function</i> , 2016, 221, 2527-2539.	2.3	17

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37	Effects of manganese injected into rat nostrils: implications for in vivo functional study of olfaction using MEMRI. <i>Magnetic Resonance Imaging</i> , 2012, 30, 62-69.	1.8	16
38	Odour-guided social behaviour in newborn and young cats: an analytical survey. <i>Chemoecology</i> , 2007, 17, 187-199.	1.1	14
39	Early development of filial preferences in the rabbit: implications of nursing- and pheromone-induced odour learning?. <i>Animal Behaviour</i> , 2008, 76, 305-314.	1.9	14
40	Pheromone-induced olfactory memory in newborn rabbits: Involvement of consolidation and reconsolidation processes. <i>Learning and Memory</i> , 2009, 16, 470-473.	1.3	14
41	Cortical processing of configurally perceived odor mixtures. <i>Brain Research</i> , 2020, 1729, 146617.	2.2	14
42	Spontaneous brain processing of the mammary pheromone in rabbit neonates prior to milk intake. <i>Behavioural Brain Research</i> , 2016, 313, 191-200.	2.2	13
43	Experience shapes our odor perception but depends on the initial perceptual processing of the stimulus. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 1794-1806.	1.3	12
44	Odorant Metabolism Analysis by an Automated Ex Vivo Headspace Gas-Chromatography Method. <i>Chemical Senses</i> , 2016, 41, 15-23.	2.0	12
45	Mammary pheromone-induced odour learning influences sucking behaviour and milk intake in the newborn rabbit. <i>Animal Behaviour</i> , 2016, 111, 1-11.	1.9	12
46	Brain anatomy of the 4â€dayâ€old European rabbit. <i>Journal of Anatomy</i> , 2018, 232, 747-767.	1.5	11
47	Differential memory persistence of odor mixture and components in newborn rabbits: competition between the whole and its parts. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 211.	2.0	10
48	Independence of first- and second-order memories in newborn rabbits. <i>Learning and Memory</i> , 2011, 18, 401-404.	1.3	9
49	Sensory preconditioning in newborn rabbits: from common to distinct odor memories. <i>Learning and Memory</i> , 2013, 20, 453-458.	1.3	7
50	Configural memory of a blending aromatic mixture reflected in activation of the left orbital part of the inferior frontal gyrus. <i>Behavioural Brain Research</i> , 2021, 402, 113088.	2.2	7
51	Configural processing of odor mixture: Does the learning of elements prevent the perception of configuration in the newborn rabbit?. <i>Physiology and Behavior</i> , 2015, 142, 161-169.	2.1	6
52	Developmental changes in elemental and configural perception of odor mixtures in young rabbits. <i>Developmental Psychobiology</i> , 2020, 62, 471-483.	1.6	6
53	Configural perception of a binary olfactory mixture in honey bees as in humans, rodents and newborn rabbits. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	6
54	Editorial: From Stimulus to Behavioral Decision-Making. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 274.	2.0	6

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55	Many Common Odour Cues and (at Least) One Pheromone Shaping the Behaviour of Young Rabbits. , 2008, , 189-209.		6
56	Newborn Rabbit Perception of 6-Odorant Mixtures Depends on Configural Processing and Number of Familiar Elements. PLoS ONE, 2014, 9, e107560.	2.5	6
57	Fetal Olfactory Cognition Preadapts Neonatal Behavior in Mammals. , 2001, , 197-204.		5
58	Insights into suckling rabbit feeding behaviour: acceptability of different creep feed presentations and attractiveness for sensory feed additives. Animal, 2020, 14, 1629-1637.	3.3	4
59	Brief olfactory learning drives perceptive sensitivity in newborn rabbits: New insights in peripheral processing of odor mixtures and induction. Physiology and Behavior, 2021, 229, 113217.	2.1	4
60	Perceptual Interactions in Complex Odor Mixtures. , 2014, , 27-31.		3
61	Cross-sensory modulation in a future top predator, the young Nile crocodile. Royal Society Open Science, 2017, 4, 170386.	2.4	3
62	Pour des lapereaux plus robustes au sevrage : des bases biologiques aux leviers d'action en élevage. INRA Productions Animales, 2018, 31, 105-116.	0.5	3
63	Biological constraints on configural odour mixture perception. Journal of Experimental Biology, 2022, 225, .	1.7	3
64	Abdominal odours of young, low-ranking European rabbit mothers are less attractive to pups: an experiment with animals living under natural breeding conditions. Journal of Ethology, 2009, 27, 307-315.	0.8	2
65	Odor-Sampling Behavior. , 2009, , 2950-2953.		2
66	Psychobiological functions of the mammary pheromone in newborn rabbits. , 2008, , 305-313.		1
67	Absolute Threshold in Acoustics. , 2008, , 3-3.		0
68	Odor discrimination in terrestrial and aquatic environments in California sea lions (Zalophus Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 222 T	2.1	0
69	Olfactory Perception. , 2019, , 1-7.		0
70	Correspondence: In reply to the correspondence by Jingâ€Zhan Wu and Chunâ€Hai Tang. Journal of Anatomy, 2022, , .	1.5	0
71	Olfactory Perception. , 2022, , 4785-4791.		0