

CITATION REPORT

List of articles citing

Is the bitter rejection response always adaptive?

DOI: 10.1016/0031-9384(94)90369-7
Physiology and Behavior, 1994, 56, 1217-27.

Source: <https://exaly.com/paper-pdf/25324829/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
400	Specificity of tannin-binding salivary proteins relative to diet selection by mammals. 1993 , 71, 628-633		120
399	Gustatory habituation to deterrent allelochemicals in a herbivore: concentration and compound specificity. 1995 , 50, 915-927		32
398	Stimulus specificity in flavor acceptance learning. <i>Physiology and Behavior</i> , 1996 , 60, 595-610	3.5	21
397	Influence of alkaloid concentration on acceptability of tall larkspur (<i>Delphinium</i> spp.) to cattle and sheep. 1996 , 22, 1147-68		16
396	Electrophysiological evidence for two transduction pathways within a bitter-sensitive taste receptor. 1997 , 78, 734-45		59
395	Cytokines and depression. 1998 , 8, S102-S103		1
394	Cytokines and anhedonia: Evidence from animal studies. 1998 , 8, S103		3
393	Review of bird repellents. 1998 , 18,		8
392	Possible novel mechanism for bitter taste mediated through cGMP. 1999 , 81, 1661-5		75
391	Blocking taste receptor activation of gustducin inhibits gustatory responses to bitter compounds. 1999 , 96, 9903-8		64
390	Sickness and behaviour in animals: a motivational perspective. 1999 , 23, 1029-36		182
389	Alterations in taste thresholds in men with chronic obstructive pulmonary disease. 1999 , 99, 1536-41		12
388	Contribution of different bitter-sensitive taste cells to feeding inhibition in a caterpillar (<i>Manduca sexta</i>).. 1999 , 113, 840-854		45
387	Bitter taste, phytonutrients, and the consumer: a review. 2000 , 72, 1424-35		838
386	T2Rs function as bitter taste receptors. 2000 , 100, 703-11		1062
385	Gustatory and olfactory function in the first trimester of pregnancy. 2001 , 99, 179-83		57
384	The taste of fat elevates postprandial triacylglycerol. <i>Physiology and Behavior</i> , 2001 , 74, 343-8	3.5	72

383	Bitter taste transduced by PLC-beta(2)-dependent rise in IP(3) and alpha-gustducin-dependent fall in cyclic nucleotides. 2001 , 280, C742-51	96
382	A peripheral mechanism for behavioral adaptation to specific "bitter" taste stimuli in an insect. 2001 , 21, 3688-96	50
381	Mice suppress malaria infection by sampling a bitter chemotherapy agent. 2001 , 61, 887-894	30
380	Taste receptor cells that discriminate between bitter stimuli. 2001 , 291, 1557-60	180
379	Cross-adaptation and bitterness inhibition of L-tryptophan, L-phenylalanine and urea: further support for shared peripheral physiology. 2002 , 27, 123-31	47
378	Contribution of different taste cells and signaling pathways to the discrimination of "bitter" taste stimuli by an insect. 2002 , 22, 7281-7	65
377	Salivary cystatins influence ingestion of capsaicin-containing diets in the rat. 2002 , 71, 457-67	8
376	Risk Management to Reduce Livestock Losses from Toxic Plants. 2002 , 55, 291	4
375	Rats fail to discriminate quinine from denatonium: implications for the neural coding of bitter-tasting compounds. 2002 , 22, 1937-41	73
374	Risk management to reduce livestock losses from toxic plants. 2002 , 55,	
373	Neural correlates of tasting concentrated quinine and sugar solutions. 2002 , 87, 1068-75	135
372	Short-term effects of in-feed supplementation of tetracyclines for disease control on feed intake pattern and growth in weaned pigs. 2002 , 76, 115-124	3
371	New perspectives on taste and primate evolution: the dichotomy in gustatory coding for perception of beneficent versus noxious substances as supported by correlations among human thresholds. 2002 , 117, 342-8	46
370	Modification of bitter taste in children. 2003 , 43, 120-7	41
369	Peripheral coding of bitter taste in Drosophila. 2003 , 56, 139-52	176
368	The Effect of Zinc on Human Taste Perception. 2003 , 68, 1871-1877	46
367	UNDERSTANDING OMNIVORY NEEDS A BEHAVIORAL PERSPECTIVE. 2003 , 84, 2532-2537	64
366	An overview of binary taste-taste interactions. 2003 , 14, 111-124	365

365	Adaptive diversification of bitter taste receptor genes in Mammalian evolution. 2003 , 20, 805-14	219
364	Taste sensitivities to PROP and PTC vary independently in mice. 2003 , 28, 695-704	46
363	Chapter nine Chemical ecology of alkaloids exemplified with the pyrrolizidines. 2003 , 37, 203-230	8
362	Genetic Variation in Taste and Preferences for Bitter and Pungent Foods: Implications for Chronic Disease Risk. 2003 , 60-74	15
361	Relaxation of selective constraint and loss of function in the evolution of human bitter taste receptor genes. 2004 , 13, 2671-8	120
360	Worms taste bitter: ASH neurons, QUI-1, GPA-3 and ODR-3 mediate quinine avoidance in <i>Caenorhabditis elegans</i> . 2004 , 23, 1101-11	111
359	Cockatiels (<i>Nymphicus hollandicus</i>) reject very low levels of plant secondary compounds. 2004 , 85, 141-156	21
358	The human taste receptor hTAS2R14 responds to a variety of different bitter compounds. 2004 , 319, 479-479	
357	The human taste receptor hTAS2R14 responds to a variety of different bitter compounds. 2004 , 319, 479-85	176
356	The distinctiveness of ionic and nonionic bitter stimuli. <i>Physiology and Behavior</i> , 2004 , 80, 421-31	3-5 43
355	Genetic Variation in Taste Sensitivity. 2004 ,	16
354	Changes in gustatory function during the course of pregnancy and postpartum. 2005 , 112, 1636-40	24
353	Taught by animals: how understanding diet selection leads to better zoo diets. 2005 , 39, 43-61	5
352	Positive selection on a high-sensitivity allele of the human bitter-taste receptor TAS2R16. 2005 , 15, 1257-65	180
351	The evolution of herbal medicine: behavioural perspectives. 2005 , 70, 975-989	53
350	Inbred mouse strains C57BL/6J and DBA/2J vary in sensitivity to a subset of bitter stimuli. 2005 , 6, 36	47
349	Genetic and environmental determinants of bitter perception and sweet preferences. 2005 , 115, e216-22	384
348	Phenylthiocarbamide produces conditioned taste aversions in mice. 2005 , 30, 377-82	21

347	The effects of lipopolysaccharide and lithium chloride on the ingestion of a bitter-sweet taste: comparing intake and palatability. 2005 , 19, 564-73		14
346	The role of friction in perceived oral texture. 2005 , 16, 121-129		211
345	Sweet and bitter tastes of alcoholic beverages mediate alcohol intake in of-age undergraduates. <i>Physiology and Behavior</i> , 2005 , 83, 821-31	3.5	130
344	The taste of sickness: lipopolysaccharide-induced finickiness in rats. <i>Physiology and Behavior</i> , 2005 , 84, 437-44	3.5	41
343	Allopregnanolone produces hyperphagia by reducing neophobia without altering food palatability. 2006 , 16, 272-80		22
342	Contrasting modes of evolution between vertebrate sweet/umami receptor genes and bitter receptor genes. 2006 , 23, 292-300		200
341	Diverse tastes: Genetics of sweet and bitter perception. <i>Physiology and Behavior</i> , 2006 , 88, 215-26	3.5	122
340	Facial and affective reactions to tastes and their modulation by sadness and joy. <i>Physiology and Behavior</i> , 2006 , 89, 261-9	3.5	50
339	. 2006 ,		12
338	Captive Parrot Nutrition: Interactions with Anatomy, Physiology, and Behavior. 49-58		1
337	MECHANISMS UNDERLYING THE ROLE OF FRICTION IN ORAL TEXTURE. 2006 , 37, 413-427		98
336	Independent evolution of bitter-taste sensitivity in humans and chimpanzees. 2006 , 440, 930-4		135
335	Bitter taste receptors and human bitter taste perception. 2006 , 63, 1501-9		114
334	Feeding Infants and Toddlers Study: the types of foods fed to Hispanic infants and toddlers. 2006 , 106, S96-106		77
333	The history of sweet taste: not exactly a piece of cake. 2006 , 19, 188-99		33
332	Central gustatory processing in humans. 2006 , 63, 191-220		51
331	Temporal coding mediates discrimination of "bitter" taste stimuli by an insect. 2006 , 26, 8900-8		39
330	The sweet taste receptor: a single receptor with multiple sites and modes of interaction. 2007 , 53, 199-239		43

329	How do predators cope with chemically defended foods?. 2007 , 213, 252-66	72
328	The psychophysical relationship between bitter taste and burning sensation: evidence of qualitative similarity. 2007 , 32, 31-9	35
327	Early determinants of fruit and vegetable acceptance. 2007 , 120, 1247-54	246
326	Gustatory expression pattern of the human TAS2R bitter receptor gene family reveals a heterogenous population of bitter responsive taste receptor cells. 2007 , 27, 12630-40	157
325	Self-medication and homeostatic behaviour in herbivores: learning about the benefits of nature's pharmacy. 2007 , 1, 1360-70	69
324	Relation between bitter taste sensitivity and incidence or intensity of propofol injection pain. 2007 , 24, 516-20	7
323	Impacts of nutritional technology on feeds offered to horses: A review of effects of processing on voluntary intake, digesta characteristics and feed utilisation. 2007 , 138, 92-117	15
322	Broad tuning of the human bitter taste receptor hTAS2R46 to various sesquiterpene lactones, clerodane and labdane diterpenoids, strychnine, and denatonium. 2007 , 55, 6236-43	147
321	Effects of two bitter substances on olfactory conditioning in the moth <i>Heliothis virescens</i> . 2007 , 210, 2563-73	23
320	Behavioral genetics and taste. 2007 , 8 Suppl 3, S3	40
319	Taste intensity and hedonic responses to simple beverages in gastrointestinal cancer patients. 2007 , 34, 505-12	20
318	Taste receptor genes. 2007 , 27, 389-414	305
317	Salivary amylase induction by tannin-enriched diets as a possible countermeasure against tannins. 2008 , 34, 376-87	60
316	A combinatorial approach to detecting gene-gene and gene-environment interactions in family studies. 2008 , 83, 457-67	77
315	What is it like to be a rat? Rat sensory perception and its implications for experimental design and rat welfare. 2008 , 112, 1-32	71
314	Insect Gustatory Systems. 2008 , 75-95	5
313	Drug-induced taste disorders. 2008 , 31, 199-215	114
312	Chemistry of Gustatory Stimuli. 2008 , 27-74	9

311	Diet selection in immunologically manipulated mice. 2008 , 213, 1-12		9
310	Avoidance of hydrolyzed casein by mice. <i>Physiology and Behavior</i> , 2008 , 93, 189-99	3.5	12
309	Intragastric infusion of denatonium conditions flavor aversions and delays gastric emptying in rodents. <i>Physiology and Behavior</i> , 2008 , 93, 757-65	3.5	84
308	Bitter peptides activate hTAS2Rs, the human bitter receptors. 2008 , 365, 851-5		72
307	Optimizing oral medications for children. 2008 , 30, 2120-32		122
306	Bitter taste receptor gene polymorphisms are an important factor in the development of nicotine dependence in African Americans. 2008 , 45, 578-82		59
305	Cytokines and Immune-Related Behaviors. 2008 , 6, 527-547		3
304	Unfolding the codes of short-term feed appetite in farm and companion animals. A comparative oronasal nutrient sensing biology review. 2008 , 88, 535-558		51
303	Genetics and Evolution of Taste. 2008 , 371-390		2
302	Bitter-responsive gustatory neurons in the rat parabrachial nucleus. 2009 , 101, 1598-612		42
301	Central Fos expression and conditioned flavor avoidance in rats following intragastric administration of bitter taste receptor ligands. 2009 , 296, R528-36		39
300	Dynamic evolution of bitter taste receptor genes in vertebrates. 2009 , 9, 12		90
299	Distastefulness as an antipredator defence strategy. 2009 , 78, 761-766		42
298	Inter-population differences in the tolerance of a marsupial folivore to plant secondary metabolites. 2009 , 161, 539-48		15
297	Feminization and alteration of <i>Drosophila</i> taste neurons induce reciprocal effects on male avoidance behavior. 2009 , 39, 554-63		16
296	Positive selection drives the evolution of bat bitter taste receptor genes. 2009 , 47, 207-15		16
295	Gustatory responsiveness to six bitter tastants in three species of nonhuman primates. 2009 , 35, 560-71		15
294	Deer responses to repellent stimuli. 2009 , 35, 1461-70		32

293	Three TAS2R Bitter Taste Receptors Mediate the Psychophysical Responses to Bitter Compounds of Hops (<i>Humulus lupulus</i> L.) and Beer. 2009 , 2, 118-132		73
292	Nutritional toxicology of mammals: regulated intake of plant secondary compounds. 2009 , 23, 48-56		71
291	Genetic variation in taste sensitivity to 6-n-propylthiouracil and its relationship to taste perception and food selection. 2009 , 1170, 126-39		95
290	Symposium overview: Impact of bitter taste on human nutrition and health. 2009 , 1170, 107-10		2
289	Bitter-responsive brainstem neurons: characteristics and functions. <i>Physiology and Behavior</i> , 2009 , 97, 592-603	3-5	13
288	Early flavor learning and its impact on later feeding behavior. 2009 , 48 Suppl 1, S25-30		226
287	Evolution of a bitter taste receptor gene cluster in a New World sparrow. 2010 , 2, 358-70		31
286	Mammalian Herbivore Repellents: Tools for Altering Plant Palatability. 2010 , 21, 181-187		7
285	Bitter avoidance in guinea pigs (<i>Cavia porcellus</i>) and mice (<i>Mus musculus</i> and <i>Peromyscus leucopus</i>). 2010 , 124, 455-9		7
284	Salt-Induced Thirst Results in Increased Finickiness in Humans. 2010 , 60, 385-398		3
283	Taste representation in the human insula. 2010 , 214, 551-61		204
282	Flavor Expectation: The Effect of Assuming Homogeneity on Drink Perception. 2010 , 3, 174-181		36
281	Is Meat Flavor a Factor in Hunters' Prey Choice Decisions?. 2010 , 21, 219-242		26
280	Do sheep use umami and bitter tastes as cues of post-ingestive consequences when selecting their diet?. 2010 , 125, 115-123		17
279	Effect of an early bitter taste experience on subsequent feather-pecking behaviour in laying hens. 2010 , 127, 108-114		19
278	Age modifies the genotype-phenotype relationship for the bitter receptor TAS2R38. 2010 , 11, 60		129
277	Understanding the basic biology underlying the flavor world of children. 2010 , 56, 834-841		13
276	Forage Characteristics Affecting Meat Goat Preferences for Forage Chicory Cultivars. 2010 , 102, 1109-1117		6

275	Genetics of taste and smell: poisons and pleasures. 2010 , 94, 213-40	171
274	The molecular receptive ranges of human TAS2R bitter taste receptors. 2010 , 35, 157-70	720
273	Adding cocoa to sucrose: the effect on cold pain tolerance. 2010 , 35, 269-77	9
272	The Role of Early Life Experiences in Flavor Perception and Delight. 2010 , 203-217	4
271	Effects of the bittering agent denatonium benzoate on the success of toxic baiting of pestiferous German wasps (<i>Vespula germanica</i>). 2010 , 56, 69-74	6
270	Selection of tannins by sheep in response to gastrointestinal nematode infection. 2010 , 88, 2189-98	85
269	Pu-erh tea tasting in Yunnan, China: correlation of drinkers' perceptions to phytochemistry. 2010 , 132, 176-85	57
268	Evolutionary adaptations to dietary changes. 2010 , 30, 291-314	119
267	The immediate and short-term chemosensory impacts of coffee and caffeine on cardiovascular activity. 2011 , 2, 547-54	11
266	Diversification of bitter taste receptor gene family in western chimpanzees. 2011 , 28, 921-31	30
265	The molecular and cellular basis of bitter taste in <i>Drosophila</i> . 2011 , 69, 258-72	267
264	The effect of tannins on Mediterranean ruminant ingestive behavior: the role of the oral cavity. 2011 , 16, 2766-84	31
263	Important Tastants and New Developments. 2011 , 19-34	1
262	Perception and hedonic value of basic tastes in domestic ruminants. <i>Physiology and Behavior</i> , 2011 , 104, 666-74	3-5 55
261	Applying chemical stimuli on feathers to reduce feather pecking in laying hens. 2011 , 132, 146-151	7
260	Genetic variation in taste perception: does it have a role in healthy eating?. 2011 , 70, 135-43	112
259	Molecular biology of mammalian bitter taste receptors. A review.. 2011 , 26, 260-268	31
258	Flavor perception in human infants: development and functional significance. 2011 , 83 Suppl 1, 1-6	119

257	Effects of mother's dietary exposure to acesulfame-K in Pregnancy or lactation on the adult offspring's sweet preference. 2011 , 36, 763-70	50
256	Early feeding: setting the stage for healthy eating habits. 2011 , 68, 153-63; discussion 164-8	28
255	Chemesthesis and the chemical senses as components of a "chemofensor complex". 2012 , 37, 201-6	55
254	Interactions between mild nutrient imbalance and taste preferences in young ruminants. 2012 , 90, 1015-25	21
253	Sweet-bitter and umami-bitter taste interactions in single parabrachial neurons in C57BL/6J mice. 2012 , 108, 2179-90	25
252	Seasonal Variations in Free Amino Acid Composition and Taste Aspects of Black Sea Urchin, <i>Diadema setosum</i> , Gonad. 2012 , 18, 835-842	7
251	Nutritional translation blended with food science: 21st century applications. 2012 , 3, 813-9	6
250	Differences in the chemesthetic subqualities of capsaicin, ibuprofen, and olive oil. 2012 , 37, 471-8	28
249	More than just a pretty face. The relationship between infant's temperament, food acceptance, and mothers' perceptions of their enjoyment of food. 2012 , 58, 1136-42	38
248	3D structure prediction of TAS2R38 bitter receptors bound to agonists phenylthiocarbamide (PTC) and 6-n-propylthiouracil (PROP). 2012 , 52, 1875-85	56
247	Review of "Taste Matters: Why We Like the Foods We Do" by John Prescott. 2012 , 1,	
246	Genetics of Taste Perception. 2012 ,	2
245	Factors Influencing Livestock Productivity. 2012 , 19-51	26
244	Taste preferences. 2012 , 108, 383-426	21
243	CRDB: database of chemosensory receptor gene families in vertebrate. 2012 , 7, e31540	23
242	Food variety at 2 years of age is related to duration of breastfeeding. 2012 , 4, 1464-74	40
241	Tolerance to dietary phenolics and diet breadth in three seed-eating birds: implications for Graminivory. 2012 , 317, 425-33	12
240	Application of the dual attribute time-intensity (DATI) sensory method to the temporal measurement of bitterness and astringency in sorghum. 2012 , 47, 459-466	12

239	Response to bitter substances in primates: roles of diet tendency and weaning age. 2013 , 13, 916-29	7
238	Evolution and Senses. 2013 ,	8
237	Modifying bitterness in functional food systems. 2013 , 53, 464-81	53
236	Better fruits and vegetables through sensory analysis. 2013 , 23, R374-8	54
235	Amino acids and peptides activate at least five members of the human bitter taste receptor family. 2013 , 61, 53-60	63
234	The bad taste of medicines: overview of basic research on bitter taste. 2013 , 35, 1225-46	142
233	Food experience-induced taste desensitization modulated by the <i>Drosophila</i> TRPL channel. 2013 , 16, 1468-76	54
232	Protein hydrolysis using proteases: An important tool for food biotechnology. 2013 , 90, 1-11	284
231	Sociodemographic profiles regarding bitter food consumption: cross-sectional evidence from a general French population. 2013 , 67, 53-60	10
230	Early influences on the development of food preferences. 2013 , 23, R401-8	305
229	The avian taste system: Potential implications in poultry nutrition. 2013 , 180, 1-9	52
228	Bird pollinators differ in their tolerance of a nectar alkaloid. 2013 , 44, 408-416	18
227	Sucrose and Non-nutritive Sweeteners Can Suppress the Bitterness of Vegetables Independent of PTC Taster Phenotype. 2013 , 6, 127-139	15
226	Functional characterization of bitter-taste receptors expressed in mammalian testis. 2013 , 19, 17-28	68
225	Food sensory characteristics: their unconsidered roles in the feeding behaviour of domestic ruminants. 2013 , 7, 806-13	18
224	Odorous and non-fatal skin secretion of adult wrinkled frog (<i>Rana rugosa</i>) is effective in avoiding predation by snakes. 2013 , 8, e81280	6
223	Age-related differences in bitter taste and efficacy of bitter blockers. 2014 , 9, e103107	34
222	Induction of salivary proteins modifies measures of both orosensory and postingestive feedback during exposure to a tannic acid diet. 2014 , 9, e105232	25

221	Differential evolutionary constraints in the evolution of chemoreceptors: a murine and human case study. 2014 , 2014, 696485		3
220	Taste perception analysis using a semantic verbal fluency task. 2014 , 7, 261-72		1
219	Ontogeny of taste preferences: basic biology and implications for health. 2014 , 99, 704S-11S		263
218	Food Neophobia and Social Learning Opportunities in Great Apes. 2014 , 35, 1037-1071		17
217	Genetic variation in taste receptor pseudogenes provides evidence for a dynamic role in human evolution. 2014 , 14, 198		15
216	Temporal, affective, and embodied characteristics of taste experiences. 2014 ,		57
215	Bitter taste causes hostility. 2014 , 40, 1589-97		20
214	Quinine and artesunate inhibit feeding in the African malaria mosquito <i>Anopheles gambiae</i> : the role of gustatory organs within the mouthparts. 2014 , 39, 172-182		9
213	The loss of taste genes in cetaceans. 2014 , 14, 218		35
212	Peripheral coding of taste. 2014 , 81, 984-1000		273
211	Gustatory responsiveness to the 20 proteinogenic amino acids in the spider monkey (<i>Ateles geoffroyi</i>). <i>Physiology and Behavior</i> , 2014 , 127, 20-6	3-5	3
210	Massive losses of taste receptor genes in toothed and baleen whales. 2014 , 6, 1254-65		86
209	Diet shapes the evolution of the vertebrate bitter taste receptor gene repertoire. 2014 , 31, 303-9		117
208	Physical approaches to masking bitter taste: lessons from food and pharmaceuticals. 2014 , 31, 2921-39		73
207	Reduced neophobia: a potential mechanism explaining the emergence of self-medicative behavior in sheep. <i>Physiology and Behavior</i> , 2014 , 135, 189-97	3-5	2
206	Heterogeneous binary interactions of taste primaries: perceptual outcomes, physiology, and future directions. 2014 , 47, 70-86		25
205	Whole-genome sequence analysis reveals differences in population management and selection of European low-input pig breeds. 2014 , 15, 601		33
204	Bitter taste genetics--the relationship to tasting, liking, consumption and health. 2014 , 5, 3040-54		19

203	Vampire bats exhibit evolutionary reduction of bitter taste receptor genes common to other bats. 2014 , 281, 20141079		33
202	Genetic and environmental influences on liking and reported intakes of vegetables in Irish children. 2014 , 32, 253-263		38
201	Supertaster, super reactive: oral sensitivity for bitter taste modulates emotional approach and avoidance behavior in the affective startle paradigm. <i>Physiology and Behavior</i> , 2014 , 135, 198-207	3.5	23
200	Marine invertebrate xenobiotic-activated nuclear receptors: their application as sensor elements in high-throughput bioassays for marine bioactive compounds. 2014 , 12, 5590-618		6
199	Ruminant self-medication against gastrointestinal nematodes: evidence, mechanism, and origins. 2014 , 21, 31		55
198	Susceptibility to Bt proteins is not required for <i>Agrotis ipsilon</i> aversion to Bt maize. 2015 , 71, 601-6		9
197	The Ontogeny of Taste Perception and Preference Throughout Childhood. 2015 , 795-828		9
196	Comparative Taste Biology with Special Focus on Birds and Reptiles. 2015 , 957-982		13
195	Taste Processing in Insects. 2015 , 927-946		1
194	<i>Drosophila</i> Bitter Taste(s). 2015 , 9, 58		28
193	Picky eating in children. 2015 , 3, 41		5
192	Receptor Polymorphism and Genomic Structure Interact to Shape Bitter Taste Perception. 2015 , 11, e1005530		39
191	Reception of Aversive Taste. 2015 , 55, 507-17		9
190	Quinine Bitterness and Grapefruit Liking Associate with Allelic Variants in TAS2R31. 2015 , 40, 437-43		44
189	The sweetness and bitterness of childhood: Insights from basic research on taste preferences. <i>Physiology and Behavior</i> , 2015 , 152, 502-7	3.5	189
188	Multiple Linear Regression Analysis Indicates Association of P-Glycoprotein Substrate or Inhibitor Character with Bitterness Intensity, Measured with a Sensor. 2015 , 104, 2789-94		3
187	Visual contributions to taste and flavour perception. 2015 , 189-210		7
186	Aversion for bitter taste reveals sexual differences in alimentation strategies in a praying mantis. 2015 , 106, 79-87		4

185	A systematic review of the attractant-decoy and repellent-plant hypotheses: do plants with heterospecific neighbours escape herbivory?. 2015 , 8, 337-346		13
184	Teaching children to like and eat vegetables. 2015 , 93, 75-84		36
183	Perception of environment in farm animals [A review. 2015 , 15, 565-589		27
182	Disgust Responses to Bitter Compounds: the Role of Disgust Sensitivity. 2015 , 8, 167-173		14
181	Taste discriminating capability to different bitter compounds by the larval styloconic sensilla in the insect herbivore <i>Papilio hospiton</i> (GDD) 2015 , 74, 45-55		21
180	Promiscuity and selectivity of bitter molecules and their receptors. 2015 , 23, 4082-91		67
179	Evolutionary Ethnobiology. 2015 ,		13
178	That Sounds Sweet: Using Cross-Modal Correspondences to Communicate Gustatory Attributes. 2015 , 32, 107-120		73
177	Evidence for the contribution of multiple mechanisms in the feeding pattern of rats exposed to p-chloro-diphenyl diselenide-supplemented diets. <i>Physiology and Behavior</i> , 2015 , 151, 298-307	3-5	7
176	Birds Generally Carry a Small Repertoire of Bitter Taste Receptor Genes. 2015 , 7, 2705-15		40
175	Spatiotemporal Coding of Individual Chemicals by the Gustatory System. 2015 , 35, 12309-21		26
174	A proposed resolution to the paradox of drug reward: Dopamine's evolution from an aversive signal to a facilitator of drug reward via negative reinforcement. 2015 , 56, 50-61		3
173	Can organoleptic properties explain the differential use of medicinal plants? Evidence from Northeastern Brazil. 2015 , 159, 43-8		27
172	Healthy virgin olive oil: a matter of bitterness. 2015 , 55, 1808-18		51
171	Formulations for children: problems and solutions. 2015 , 79, 405-18		76
170	Genetic basis of flavor sensitivity and food preferences. 2016 , 203-227		2
169	Foraging. 2016 , 293-323		
168	Utility of the browser's behavioural and physiological strategies in coping with dietary tannins: Are exogenous tannin-inactivating treatments necessary?. 2016 , 45, 441		17

167	Adolescent intake of caffeinated energy drinks does not affect adult alcohol consumption in C57BL/6 and BALB/c mice. 2016 , 54, 1-9		6
166	The development of sweet taste: From biology to hedonics. 2016 , 17, 171-8		107
165	Genetic diversity of bitter taste receptor gene family in Sichuan domestic and Tibetan chicken populations. 2016 , 95, 675-81		7
164	Differential bitterness in capsaicin, piperine, and ethanol associates with polymorphisms in multiple bitter taste receptor genes. <i>Physiology and Behavior</i> , 2016 , 156, 117-27	3-5	43
163	Topographic organizations of taste-responsive neurons in the parabrachial nucleus of C57BL/6J mice: An electrophysiological mapping study. 2016 , 316, 151-66		18
162	Cross-modal tactile-taste interactions in food evaluations. 2016 , 88, 58-64		46
161	Agronomic, Nutraceutical, and Organoleptic Performances of Wild Herbs of Ethnobotanical Tradition. 2017 , 23, 270-281		3
160	Influence of Bitter Taste on Affective Facial Processing: An ERP Study. 2017 , 42, 473-478		5
159	A bio-cultural approach to the study of food choice: The contribution of taste genetics, population and culture. 2017 , 114, 240-247		19
158	Palatability of a novel oral formulation of prednisone in healthy young adults. 2017 , 69, 489-496		2
157	Sensory Aspects of Bitter and Sweet Tastes During Early Childhood. 2017 , 52, S41-S51		7
156	Bitterness Perception in Humans: An Evolutionary Perspective. 2017 , 37-50		2
155	Fruits and Vegetables. 2017 , 51-82		1
154	Bitter or not? BitterPredict, a tool for predicting taste from chemical structure. 2017 , 7, 12074		69
153	Processing of visual food cues during bitter taste perception in female patients with binge-eating symptoms: A cross-modal ERP study. 2017 , 128, 2184-2190		9
152	Diagnosing peri-implant disease using the tongue as a 24/7 detector. 2017 , 8, 264		24
151	Developmental Readiness, Caregiver and Child Feeding Behaviors, and Sensory Science as a Framework for Feeding Young Children. 2017 , 52, S30-S40		5
150	Bioresponsive Diagnostik - die Zunge als Detektor oraler Entzündungen. 2017 , 23, 782-784		1

149	The taste of toxicity: A quantitative analysis of bitter and toxic molecules. 2017 , 69, 938-946	48
148	What makes sense in our body? Personality and sensory correlates of body awareness and somatosensory amplification. 2017 , 104, 75-81	35
147	Disgust evoked by strong wormwood bitterness influences the processing of visual food cues in women: An ERP study. 2017 , 108, 51-56	24
146	A Polish Study on the Influence of Food Neophobia in Children (10-12 Years Old) on the Intake of Vegetables and Fruits. 2017 , 9,	17
145	A Review of the Benefits of Nature Experiences: More Than Meets the Eye. 2017 , 14,	107
144	Extraoral Taste Receptor Discovery: New Light on Ayurvedic Pharmacology. 2017 , 2017, 5435831	13
143	Association between Salivary Leptin Levels and Taste Perception in Children. 2017 , 2017, 7260169	16
142	Salivary proteome and glucose levels are related with sweet taste sensitivity in young adults. 2017 , 61, 1389208	22
141	Odor-Cued Bitter Taste Avoidance. 2018 , 43, 239-247	5
140	Aversive aftertaste changes visual food cue reactivity: An fMRI study on cross-modal perception. 2018 , 673, 56-60	4
139	The changing role of the senses in food choice and food intake across the lifespan. 2018 , 68, 80-89	38
138	Biotechnological Applications of Proteases in Food Technology. 2018 , 17, 412-436	118
137	Salivary tannin-binding proteins are a pervasive strategy used by the folivorous/frugivorous black howler monkey. 2018 , 80, e22737	10
136	Symmetry and its role in the crossmodal correspondence between shape and taste. 2018 , 80, 738-751	30
135	Postnatal development of bitter taste avoidance behavior in mice is associated with ACTIN-dependent localization of bitter taste receptors to the microvilli of taste cells. 2018 , 495, 2579-2583	1
134	. 2018 , 43,	3
133	Aversive Learning in the Praying Mantis (), a Sit and Wait Predator. 2018 , 31, 158-175	6
132	Identification of medicine taste during a phase IIa paediatric trial and development of alternative formulations to improve patient compliance using the rat brief access taste aversion assay and the electronic tongue. 2018 , 536, 515-516	

131	A review of the associations between single nucleotide polymorphisms in taste receptors, eating behaviors, and health. 2018 , 58, 194-207		86
130	Vertebrate Bitter Taste Receptors: Keys for Survival in Changing Environments. 2018 , 66, 2204-2213		36
129	Bitter substances from plants used in traditional Chinese medicine exert biased activation of human bitter taste receptors. 2018 , 91, 422-433		25
128	Children Residing in Low-Income Households Like a Variety of Vegetables. 2018 , 7,		1
127	Innate and acquired tolerance to bitter stimuli in mice. 2018 , 13, e0210032		11
126	Hot melt extrusion of ion-exchange resin for taste masking. 2018 , 547, 385-394		15
125	Self-selection of plant bioactive compounds by sheep in response to challenge infection with <i>Haemonchus contortus</i> . <i>Physiology and Behavior</i> , 2018 , 194, 302-310	3.5	6
124	Tolerance of bitter stimuli and attenuation/accumulation of their bitterness in humans. 2018 , 82, 1539-1549		2
123	In vivo Foundations of Sensory In vitro Testing Systems. 2018 , 53-85		
122	Measuring Sweet and Bitter Taste in Children: Individual Variation due to Age and Taste Genetics. 2018 , 1-34		2
121	Single Nucleotide Polymorphisms in Taste Receptor Genes Are Associated with Snacking Patterns of Preschool-Aged Children in the Guelph Family Health Study: A Pilot Study. 2018 , 10,		14
120	Reengineering the ligand sensitivity of the broadly tuned human bitter taste receptor TAS2R14. 2018 , 1862, 2162-2173		28
119	An individual-based profitability spectrum for understanding interactions between predators and their prey. 2018 , 125, 1-13		16
118	Influence of a prepared diet and a macroalga (<i>Ulva</i> sp.) on the growth, nutritional and sensory qualities of gonads of the sea urchin <i>Paracentrotus lividus</i> . 2018 , 493, 240-250		25
117	Bitter tastant quinine modulates glucagon-like peptide-1 exocytosis from clonal GLUTag enteroendocrine L cells via actin reorganization. 2018 , 500, 723-730		5
116	Self-reported Smoking Status, TAS2R38 Variants, and Propylthiouracil Phenotype: An Exploratory Crowdsourced Cohort Study. 2018 , 43, 617-625		8
115	The Evolution of Feminine Beauty. 2018 , 327-357		4
114	Effects of flavonoids extracted from <i>Citrus aurantium</i> on performance, eating and animal behavior, rumen health, and carcass quality in Holstein bulls fed high-concentrate diets. 2018 , 246, 114-126		6

113	Toxicity and taste: unequal chemical defences in a mimicry ring. 2018 , 285,		25
112	Nutrient sensing, taste and feed intake in avian species. 2018 , 31, 256-266		14
111	Pathways to cognitive design. 2019 , 161, 73-86		9
110	Are caffeine's performance-enhancing effects partially driven by its bitter taste?. 2019 , 131, 109301		12
109	Taste receptor function. 2019 , 164, 173-185		6
108	Review of the scientific evidence and technical opinion on noncaloric sweetener consumption in gastrointestinal diseases. 2019 , 84, 492-510		4
107	The sound of soft alcohol: Crossmodal associations between interjections and liquor. 2019 , 14, e0220449		9
106	Rats are unable to discriminate quinine from diverse bitter stimuli. 2019 , 317, R793-R802		2
105	Maternal high-fat diet during gestation and lactation increases conditioned aversion threshold for sucrose and alters sweet taste receptors expression in taste buds in rat offspring. <i>Physiology and Behavior</i> , 2019 , 212, 112709	3.5	3
104	Review of the scientific evidence and technical opinion on noncaloric sweetener consumption in gastrointestinal diseases. 2019 , 84, 492-510		5
103	The interplay between exposure and preference for unpalatable foods by lambs. 2019 , 212, 44-51		
102	Consumers' Perceptions and Preferences for Bitterness in Vegetable Foods: The Case of Extra-Virgin Olive Oil and Brassicaceae-A Narrative Review. 2019 , 11,		17
101	The evolution of plant social learning through error minimization. 2019 , 40, 447-456		6
100	Genetic determinants of beverage consumption: Implications for nutrition and health. 2019 , 89, 1-52		2
99	Characterization and phylogeny of bitter taste receptor genes (Tas2r) in Squamata. 2019 , 147, 131-139		3
98	Comparative genomics sheds light on the predatory lifestyle of accipitrids and owls. 2019 , 9, 2249		12
97	Role of Bitter Taste Receptors in Regulating Gastric Accommodation in Guinea Pigs. 2019 , 369, 466-472		5
96	The human bitter taste receptor TAS2R7 facilitates the detection of bitter salts. 2019 , 512, 877-881		21

95	The Functional and Neurobiological Properties of Bad Taste. 2019 , 99, 605-663		33
94	Conducting Nanomaterial Sensor Using Natural Receptors. 2019 , 119, 36-93		100
93	Evolution of dietary preferences and the innate urge to heal: Drug discovery lessons from Ayurveda. 2019 , 10, 222-226		5
92	Predators' consumption of unpalatable prey does not vary as a function of bitter taste perception. 2020 , 31, 383-392		6
91	Receptor, signal transduction and evolution of sweet, umami and bitter taste. 2020 , 2, 6-15		0
90	Animal Welfare in Extensive Production Systems Is Still an Area of Concern. 2020 , 4,		16
89	Clinical Role of Extraoral Bitter Taste Receptors. 2020 , 21,		16
88	Relationship between Sucrose Taste Detection Thresholds and Preferences in Children, Adolescents, and Adults. 2020 , 12,		18
87	Disgust Propensity and the Bitter Aftertaste Response. 2020 , 14, 57		0
86	Comparative genomics of the sheep Tas2r repertoire to cattle, goat, human, dog, and mice. 2020 , 17-18, 200107		
85	G Protein-Coupled Receptors in Taste Physiology and Pharmacology. 2020 , 11, 587664		29
84	Modulation of Food Intake by Differential TAS2R Stimulation in Rat. 2020 , 12,		8
83	Altering salivary protein profile can decrease aversive oromotor responding to quinine in rats. <i>Physiology and Behavior</i> , 2020 , 223, 113005	3-5	2
82	Bitterness-Suppressing Effect of Umami Dipeptides and Their Constituent Amino Acids on Diphenhydramine: Evaluation by Gustatory Sensation and Taste Sensor Testing. 2020 , 68, 234-243		4
81	Comparative and population genomics approaches reveal the basis of adaptation to deserts in a small rodent. 2020 , 29, 1300-1314		16
80	Impact of alkaloids in food consumption, metabolism and survival in a blood-sucking insect. 2020 , 10, 9443		4
79	A chewable pediatric preparation of ibuprofen is palatable and acceptable to children.. 2020 , 2, 2-6		
78	Bitter Taste Perception of the Human Tongue Mediated by Quinine and Caffeine Impregnated Taste Strips. 2020 , 129, 813-820		1

77	Expression of Taste Receptor 2 Subtypes in Human Testis and Sperm. 2020 , 9,	7
76	Discovery and Development of S6821 and S7958 as Potent TAS2R8 Antagonists. 2020 , 63, 4957-4977	3
75	Intense bitterness of molecules: Machine learning for expediting drug discovery. 2021 , 19, 568-576	11
74	Taste preferences and feeding behaviour in the facultative herbivorous fish, Nile tilapia <i>Oreochromis niloticus</i> . 2021 , 98, 1385-1400	1
73	The processing of visual food cues during bitter aftertaste perception in females with high vs. low disgust propensity: an fMRI study. 2021 , 15, 2532-2539	2
72	The Validity of Brine Shrimp (<i>Artemia</i> Sp.) Toxicity Assays to Assess the Ecological Function of Marine Natural Products. 2021 , 47, 834-846	1
71	Bitter taste receptors of the common vampire bat are functional and show conserved responses to metal ions. 2021 , 288, 20210418	0
70	Rethinking the role of taste processing in insular cortex and forebrain circuits. 2021 , 20, 52-56	1
69	Cucurbit[7]uril Nanoencapsulation Reduces the Unpalatability of Bitter Phytochemicals. 2021 , 1, 117-123	1
68	Infant and Toddler Responses to Bitter-Tasting Novel Vegetables: Findings from the Good Tastes Study. 2021 , 151, 3240-3252	4
67	Does Responsiveness to Basic Tastes Influence Preadolescents' Food Liking? Investigating Taste Responsiveness Segment on Bitter-Sour-Sweet and Salty-Umami Model Food Samples. 2021 , 13,	4
66	Evolution of the primate glutamate taste sensor from a nucleotide sensor. 2021 , 31, 4641-4649.e5	2
65	Identification of non-volatile compounds that negatively impact whole wheat bread flavor liking. 2021 , 364, 130362	3
64	Identification of perceptual attributes affecting preference for vegetables using item-focused and consumer-focused approaches. 2022 , 95, 104357	1
63	What Does the Taste System Tell Us About the Nutritional Composition and Toxicity of Foods?. 2021 , 1	2
62	Oral Receptors. 15-43	8
61	Physiological, Ecological, and Evolutionary Bases for the Avoidance of Chemical Irritants by Birds. 1997 , 1-37	7
60	Influence of Sensation and Liking on Eating and Drinking. 2020 , 131-155	6

59	Local Criteria for Medicinal Plant Selection. 2015 , 149-162		7
58	How Do We Eat? Hypothesis of Foraging Strategy from the Viewpoint of Gustation in Primates. 2008 , 104-111		1
57	Post-Genome Biology of Primates Focusing on Taste Perception. 2012 , 79-91		3
56	Formation of Flavor Aversions and Preferences. 2020 , 333-352		1
55	Salivary proteins alter taste-guided behaviors and taste nerve signaling in rat. <i>Physiology and Behavior</i> , 2018 , 184, 150-161	3.5	21
54	Tannin as a natural rumen modifier to control methanogenesis in beef cattle in tropical systems: Friend or foe to biogas energy production?. 2020 , 132, 88-96		9
53	The cue reliability approach to social transmission: designing tests for adaptive traditions. 2003 , 127-158		10
52	The chemical senses. 2006 , 125-172		7
51	At the Root of T2R Gene Evolution: Recognition Profiles of Coelacanth and Zebrafish Bitter Receptors. 2021 , 13,		4
50	6-n-Propylthiouracil Taster Status. 2004 ,		2
49	Nutritional Implications of Taste and Smell. 2003 ,		2
48	Diet-induced plasticity in the taste system of an insect: localization to a single transduction pathway in an identified taste cell. 1999 , 202, 2091-2102		27
47	Bitter taste stimuli induce differential neural codes in mouse brain. 2012 , 7, e41597		30
46	Transient and permanent experience with fatty acids changes <i>Drosophila melanogaster</i> preference and fitness. 2014 , 9, e92352		15
45	Sequence Analysis of Bitter Taste Receptor Gene Repertoires in Different Ruminant Species. 2015 , 10, e0124933		2
44	Striatal-enriched protein tyrosine phosphatase controls responses to aversive stimuli: implication for ethanol drinking. 2015 , 10, e0127408		12
43	Functional Analyses of Bitter Taste Receptors in Domestic Cats (<i>Felis catus</i>). 2015 , 10, e0139670		31
42	What are the drivers of popularity and versatility of medicinal plants in local medical systems?. 2020 , 34, 256-265		4

41	Genetics of taste receptors. 2014 , 20, 2669-83	105
40	The evolution of taste and perinatal programming of taste preferences. 2018 , 67, S421-S429	10
39	Genomic evidence of bitter taste in snakes and phylogenetic analysis of bitter taste receptor genes in reptiles. 2017 , 5, e3708	7
38	An update on extra-oral bitter taste receptors. 2021 , 19, 440	5
37	Bitter taste receptors: Genes, evolution and health.. 2021 , 9, 431-447	4
36	The Flavor World of Infants. 2003 , 12, 10-20	2
35	Taste and Smell. 2012 , e126-e139	
34	Bitter Taste Receptors of Primates. 2013 , 23-34	
33	Proteases as a Tool in Food Biotechnology. 207-220	
32	Perception of aversive stimuli of different gustatory modalities in an haematophagous insect, <i>Rhodnius prolixus</i> .	
31	Comparative and population genomics approaches reveal the basis of adaptation to deserts in a small rodent.	
30	Influence of Sensation and Liking on Eating and Drinking. 2020 , 1-25	2
29	Intense bitterness of molecules: machine learning for expediting drug discovery.	
28	The evolution of a bitter taste receptor gene in primates. 2021 , 46,	0
27	Bitter Taste. 2020 , 231-246	
26	Chemistry of Gustatory Stimuli. 2020 , 24-64	
25	Growth Performance, Meat Quality and Antioxidant Status of Sheep Supplemented with Tannins: A Meta-Analysis. 2021 , 11,	5
24	Food avoidance learning in squirrel monkeys and common marmosets. 1998 , 5, 193-203	7

23	Developmental perspectives on nutrition and obesity from gestation to adolescence. 2009 , 6, A94	23
22	Food Avoidance Learning in Squirrel Monkeys and Common Marmosets. 1998 , 5, 193-203	15
21	Taste in birds. 2022 , 205-222	
20	Demographic history was a formative mechanism of the genetic structure for the taste receptor TAS2R16 in human populations inhabiting Africa's Sahel/Savannah Belt. 2021 ,	
19	Bitter taste perception in BaYaka hunter-gatherers.	1
18	Foraging. 2022 , 309-341	
17	Chicken taste receptors and perception: recent advances in our understanding of poultry nutrient-sensing systems. 1-16	
16	Wild and cultivated plants used in traditional alcoholic beverages in Italy: an ethnobotanical review. 2022 , 248, 1089	1
15	Different forms of taste can influence ethical evaluation. 1	
14	Functional and genomic comparative study of the bitter taste receptor family TAS2R: Insight into the role of human TAS2R5.. 2022 , 36, e22175	
13	The impact of food variety on taste identification and preferences: Evidence from the Cook Islands Archipelago. 2022 , 98, 104512	0
12	Identification of Non-Volatile Compounds That Impact Flavor Disliking of Whole Wheat Bread Made with Aged Flours.. 2022 , 27,	0
11	Oral Microbiota-Host Interaction Mediated by Taste Receptors.. 2022 , 12, 802504	0
10	Evolutionary insights into umami, sweet, and bitter taste receptors in amphibians.. 2021 , 11, 18011-18025	1
9	table1.pdf. 2020 ,	
8	Riding the elephant in the room: Towards a revival of the optimal level of stimulation model. 2022 , 66, 101051	0
7	Tat Genlerinin Diş Etkisi.	0
6	Bitter taste sensitivity in domestic dogs (Canis familiaris) and its relevance to bitter deterrents of ingestion. 2022 , 17, e0277607	0

- 5 Molecular Mechanism of L-Pyroglutamic Acid Interaction with the Human Sour Receptor. **2022**, ○
- 4 The role of saliva in taste and food intake. **2023**, 262, 114109 ○
- 3 Are the taste preferences similar in closely related fish of the same trophic category? A case of Nile and Mozambique tilapias. ○
- 2 Experience-dependent changes in affective valence of taste in male mice. **2023**, 16, ○
- 1 Non-Volatile Compounds Involved in Bitterness and Astringency of Pulses: A Review. **2023**, 28, 3298 ○