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Human gastric juice contains chitinase that can degrade chitin

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#	Paper	IF	Citations
99	Chitinase levels in the tears of subjects with ocular allergies. <i>Cornea</i> , 2008 , 27, 168-73	3.1	28
98	Inhibition of acidic mammalian chitinase by RNA interference suppresses ovalbumin-sensitized allergic asthma. <i>Human Gene Therapy</i> , 2009 , 20, 1597-606	4.8	43
97	Chitin and chitosan hydrogels. 2009 , 849-888		23
96	CHIT1 and AMCase expression in human gastric mucosa: correlation with inflammation and Helicobacter pylori infection. <i>European Journal of Gastroenterology and Hepatology</i> , 2009 , 21, 1119-26	2.2	26
95	Controlled Release of Bis(phosphonate) Pharmaceuticals from Cationic Biodegradable Polymeric Matrices. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 5873-5876	3.9	63
94	Colon-specific drug delivery using ethylcellulose and chitosan in the coat of compression-coated tablets. <i>Drug Development and Industrial Pharmacy</i> , 2011 , 37, 945-53	3.6	14
93	Differences in fatty acid composition between aquatic and terrestrial insects used as food in human nutrition. <i>Ecology of Food and Nutrition</i> , 2011 , 50, 351-67	1.9	99
92	Nutritional composition of actual and potential insect prey for the Kasekela chimpanzees of Gombe National Park, Tanzania. <i>American Journal of Physical Anthropology</i> , 2012 , 149, 493-503	2.5	25
91	Microbiological aspects of processing and storage of edible insects. <i>Food Control</i> , 2012 , 26, 628-631	6.2	255
90	Current views on fungal chitin/chitosan, human chitinases, food preservation, glucans, pectins and inulin: A tribute to Henri Braconnot, precursor of the carbohydrate polymers science, on the chitin bicentennial. <i>Carbohydrate Polymers</i> , 2012 , 87, 995-1012	10.3	540
89	Chitosan as a pore former in coated beads for colon specific drug delivery of 5-ASA. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 343-51	6.5	25
88	Nutritional ecology of entomophagy in humans and other primates. <i>Annual Review of Entomology</i> , 2013 , 58, 141-60	21.8	156
87	CHITIN--a promising biomaterial for tissue engineering and stem cell technologies. <i>Biotechnology Advances</i> , 2013 , 31, 1776-85	17.8	101
86	Edible Insects in a Food Safety and Nutritional Perspective: A Critical Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2013 , 12, 296-313	16.4	361
85	Nutritional benefits of Crematogaster mimosae ants and Acacia drepanolobium gum for patas monkeys and vervets in Laikipia, Kenya. <i>American Journal of Physical Anthropology</i> , 2013 , 150, 286-300	2.5	19
84	High prevalence of chitotriosidase deficiency in Peruvian Amerindians exposed to chitin-bearing food and enteroparasites. <i>Carbohydrate Polymers</i> , 2014 , 113, 607-14	10.3	9
83	Isolation and characterization of chitin-degrading micro-organisms from the faeces of Goeldi's monkey, Callimico goeldii. <i>Journal of Applied Microbiology</i> , 2014 , 116, 52-9	4.7	6

82	Convergence of gut microbiomes in myrmecophagous mammals. <i>Molecular Ecology</i> , 2014 , 23, 1301-17	5.7	179
81	Nutritional contributions of insects to primate diets: implications for primate evolution. <i>Journal of Human Evolution</i> , 2014 , 71, 59-69	3.1	111
80	Secreted major Venus flytrap chitinase enables digestion of Arthropod prey. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 374-83	4	28
79	Why we still don't eat insects: Assessing entomophagy promotion through a diffusion of innovations framework. <i>Trends in Food Science and Technology</i> , 2015 , 45, 311-318	15.3	113
78	Macronutrient and Energy Contributions of Insects to the Diet of a Frugivorous Monkey (<i>Cercopithecus ascanius</i>). <i>International Journal of Primatology</i> , 2015 , 36, 839-854	2	8
77	Life cycle assessment of edible insects for food protein: a review. <i>Agronomy for Sustainable Development</i> , 2016 , 36, 57	6.8	107
76	Nutritional and sensory quality of edible insects. <i>NFS Journal</i> , 2016 , 4, 22-26	6.5	226
75	Digestive enzymes of human and nonhuman primates. <i>Evolutionary Anthropology</i> , 2016 , 25, 253-266	4.7	25
74	Therapeutic arthropods and other, largely terrestrial, folk-medicinally important invertebrates: a comparative survey and review. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2017 , 13, 9	3.9	48
73	Life cycle assessment of cricket farming in north-eastern Thailand. <i>Journal of Cleaner Production</i> , 2017 , 156, 83-94	10.3	77
72	New Sources of Animal Proteins: Edible Insects. 2017 , 443-461		6
71	Biochemistry of fish stomach chitinase. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 1672-1681	7.9	14
70	Opportunities and hurdles of edible insects for food and feed. <i>Nutrition Bulletin</i> , 2017 , 42, 293-308	3.5	161
69	Apparent faecal digestibility and nitrogen retention in piglets fed whole and peeled Cambodian field cricket meal. <i>Journal of Insects As Food and Feed</i> , 2017 , 3, 279-288	4.4	12
68	Consuming insects: are there health benefits?. <i>Journal of Insects As Food and Feed</i> , 2017 , 3, 225-229	4.4	33
67	Edible Insects: A Neglected and Promising Food Source. 2017 , 341-355		9
66	Nutritional Potential of Selected Insect Species Reared on the Island of Sumatra. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	43
65	Evolution of Acidic Mammalian Chitinase Genes (CHIA) Is Related to Body Mass and Insectivory in Primates. <i>Molecular Biology and Evolution</i> , 2018 , 35, 607-622	8.3	24

64	Food safety aspect of insects: A review. <i>Acta Alimentaria</i> , 2018 , 47, 513-522	1	15
63	Edible Insects and Other Chitin-Bearing Foods in Ethnic Peru: Accessibility, Nutritional Acceptance, and Food-Security Implications. <i>Journal of Ethnobiology</i> , 2018 , 38, 424	1.9	2
62	What Governs Selection and Acceptance of Edible Insect Species?. 2018 , 331-351		10
61	Insects and Human Nutrition. 2018 , 83-91		6
60	Acidic mammalian chitinase gene is highly expressed in the special oxyntic glands of. <i>FEBS Open Bio</i> , 2018 , 8, 1247-1255	2.7	6
59	Insects (and Other Non-crustacean Arthropods) as Human Food. 2019 , 416-421		2
58	Effect of sex on the nutritional value of house cricket, <i>Acheta domestica</i> L. <i>Food Chemistry</i> , 2019 , 272, 267-272	8.5	40
57	Taxonomic features and comparisons of the gut microbiome from two edible fungus-farming termites (<i>Macrotermes falciger</i> ; <i>M. natalensis</i>) harvested in the Vhembe district of Limpopo, South Africa. <i>BMC Microbiology</i> , 2019 , 19, 164	4.5	7
56	Insect Composition and Uses in Animal Feeding Applications: A Brief Review. <i>Annals of the Entomological Society of America</i> , 2019 , 112, 544-551	2	26
55	Edible Insects as Source of Proteins. <i>Reference Series in Phytochemistry</i> , 2019 , 389-441	0.7	2
54	Crab-fishing by chimpanzees in the Nimba Mountains, Guinea. <i>Journal of Human Evolution</i> , 2019 , 133, 230-241	3.1	8
53	The gut microbiome and metabolome of saddleback tamarins (<i>Leontocebus weddelli</i>): Insights into the foraging ecology of a small-bodied primate. <i>American Journal of Primatology</i> , 2019 , 81, e23003	2.5	6
52	Leveraging Neglected and Underutilized Plant, Fungi, and Animal Species for More Nutrition Sensitive and Sustainable Food Systems. 2019 , 361-370		8
51	Expression Profile of the Digestive Enzymes of Reveals Its Adaptation to Diet Specialization. <i>ACS Omega</i> , 2019 , 4, 19925-19933	3.9	4
50	Genome-Wide Analysis of Whole Human Glycoside Hydrolases by Data-Driven Analysis in Silico. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
49	Research and policy priorities for edible insects. <i>Sustainability Science</i> , 2020 , 15, 633-645	6.4	15
48	The potential of insects as food sources - a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 60, 3642-3652	11.5	21
47	The healthy and sustainable bugs appetite: factors affecting entomophagy acceptance and adoption in Western food cultures. <i>Journal of Consumer Marketing</i> , 2020 , 37, 291-303	2	11

46	Degradation-Dependent Protein Release from Enzyme Sensitive Injectable Glycol Chitosan Hydrogel. <i>Tissue Engineering - Part A</i> , 2021 , 27, 867-880	3.9	5
45	Martian biolith: A bioinspired regolith composite for closed-loop extraterrestrial manufacturing. <i>PLoS ONE</i> , 2020 , 15, e0238606	3.7	5
44	Food frontiers: Insects as food, is the future already here?. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2020 , 13, 43-52	1.3	1
43	Chitinases: Therapeutic Scaffolds for Allergy and Inflammation. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2020 , 14, 46-57	5.4	1
42	Insects in food and feed systems in sub-Saharan Africa: the untapped potentials. <i>International Journal of Tropical Insect Science</i> , 2021 , 41, 1923-1951	1	6
41	Nutritional value of insects and ways to manipulate their composition. <i>Journal of Insects As Food and Feed</i> , 2021 , 7, 639-659	4.4	40
40	Nutritional Properties of Edible Insects. 2021 , 1187-1209		
39	Edible Crickets (Orthoptera) Around the World: Distribution, Nutritional Value, and Other Benefits-A Review. <i>Frontiers in Nutrition</i> , 2020 , 7, 537915	6.2	16
38	Chitinases production: A robust enzyme and its industrial applications. <i>Biocatalysis and Biotransformation</i> , 2021 , 39, 161-189	2.5	7
37	Insects as food and feed: a promising agricultural sector with special reference to India. <i>Journal of Insects As Food and Feed</i> , 1-12	4.4	0
36	Insects as past and future food in entomophobic Europe. <i>Food, Culture & Society</i> , 2021 , 24, 624-638	1.2	2
35	Nutritional compositions of two edible insects: larva and. <i>Heliyon</i> , 2021 , 7, e06531	3.6	3
34	Physiological and pathophysiological roles of acidic mammalian chitinase (CHIA) in multiple organs. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111465	7.5	1
33	Chitinases and Chitinase-Like Proteins as Therapeutic Targets in Inflammatory Diseases, with a Special Focus on Inflammatory Bowel Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
32	Larvae and pupae of <i>Alphitobius diaperinus</i> as promising protein alternatives. <i>European Food Research and Technology</i> , 2021 , 247, 2527-2532	3.4	1
31	Impacts of insect consumption on human health. <i>Journal of Insects As Food and Feed</i> , 2021 , 7, 695-713	4.4	11
30	Isolation and characterization of chitinolytic bacterium, <i>Escherichia fergusonii</i> AMC01 from insectivorous bat, <i>Taphozous melanopogon</i> . <i>Journal of Basic Microbiology</i> , 2021 , 61, 940-946	2.7	1
29	In Vitro Study of Cricket Chitosan's Potential as a Prebiotic and a Promoter of Probiotic Microorganisms to Control Pathogenic Bacteria in the Human Gut. <i>Foods</i> , 2021 , 10,	4.9	5

28	So different, yet so alike Pancrustacea: Health benefits of insects and shrimps. <i>Journal of Functional Foods</i> , 2021 , 76, 104316	5.1	9
27	Intérêts nutritionnels et environnementaux de l'entomophagie. <i>Actualités Pharmaceutiques</i> , 2021 , 60, 31-34	0	
26	Edible Insects as Source of Proteins. <i>Reference Series in Phytochemistry</i> , 2018 , 1-53	0.7	5
25	Life Cycle Assessment of Chitosan. <i>Materials Horizons</i> , 2020 , 363-387	0.6	1
24	A simple and rapid protocol for measuring the chitin content of <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) larvae. <i>Journal of Insects As Food and Feed</i> , 2020 , 6, 285-290	4.4	11
23	Role of Chitinase in Plant Defense. <i>Asian Journal of Biochemistry</i> , 2010 , 6, 29-37	0.1	74
22	Drivers of insect consumption across human populations. <i>Evolutionary Anthropology</i> , 2021 ,	4.7	0
21	The potential of insect meal in improving food security in Malawi: an alternative of soybean and fishmeal in livestock feed. <i>Journal of Insects As Food and Feed</i> , 2018 , 4, 301-312	4.4	0
20	Nutritional Properties of Edible Insects. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2019 , 143-165	0.3	
19	Edible insects as future food: chances and challenges. <i>Journal of Future Foods</i> , 2021 , 1, 38-46		14
18	Evaluation of the Immunological Activity of Water Extract.. <i>Preventive Nutrition and Food Science</i> , 2022 , 27, 99-107	2.4	
17	Honey bees and their brood: a potentially valuable resource of food, worthy of greater appreciation and scientific attention. <i>Journal of Ecology and Environment</i> , 2021 , 45,	2	0
16	Food preference and nutrient composition of African cricket <i>Brachytrupes membranaceus</i> L. (Dury) in Cross River State, Nigeria. <i>Journal of Insects As Food and Feed</i> , 1-10	4.4	1
15	In Vitro Crude Protein Digestibility of Insects: A Review. 2022 , 13, 682		5
14	Microbial chitinases and their relevance in various industries.		0
13	Absorption of iron from edible house crickets: a randomized cross-over stable isotope study in humans.		1
12	Benefits and Risks of Consuming Edible Insects. 2020 , 5, 35-48		0
11	The Safety Assessment of Insects and Products Thereof As Novel Foods in the European Union. 2022 , 123-146		1

10	Nutritional Composition of Some Commonly Available Aquatic Edible Insects of Assam, India. 2022 , 13, 976	1
9	Responses of the human gut microbiota to physiologically digested insect powders or isolated chitin thereof. 2022 , 6, 100197	0
8	Nutrient Composition and Growth of Yellow Mealworm (<i>Tenebrio molitor</i>) at Different Ages and Stages of the Life Cycle. 2022 , 12, 1924	1
7	Potential use of insect bioactive compounds in animal rations.	0
6	Insects as Human Food. 2023 , 65-106	0
5	The chitinases as biomarkers in immune-mediate diseases. 2022 ,	0
4	Potential of Insect Life Stages as Functional Ingredients for Improved Nutrition and Health. 2023 , 14, 136	0
3	Potential use of insect bioactive compounds in animal rations.	0
2	Nutritional aspects of an edible insect, <i>Coridius</i> sp. (Hemiptera: Dinidoridae) of Manipur. 14, 158-163	0
1	Chitin and omega-3 fatty acids in edible insects have underexplored benefits for the gut microbiome and human health.	0