Markus Hardt

List of Publications by Year in descending order

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Version: 2024-02-01

34 papers	1,455 citations	393982 19 h-index	414034 32 g-index
34 all docs	34 docs citations	34 times ranked	2055 citing authors

#	Article	IF	Citations
1	The Proteomes of Human Parotid and Submandibular/Sublingual Gland Salivas Collected as the Ductal Secretions. Journal of Proteome Research, 2008, 7, 1994-2006.	1.8	376
2	Toward Defining the Human Parotid Gland Salivary Proteome and Peptidome:Â Identification and Characterization Using 2D SDSâ^'PAGE, Ultrafiltration, HPLC, and Mass Spectrometryâ€. Biochemistry, 2005, 44, 2885-2899.	1.2	160
3	Assessing the Effects of Diurnal Variation on the Composition of Human Parotid Saliva:Â Quantitative Analysis of Native Peptides Using iTRAQ Reagents. Analytical Chemistry, 2005, 77, 4947-4954.	3.2	146
4	Mutation of active site residues in the chitin-binding domain ChBDChiA1 from chitinase A1 of Bacillus circulans alters substrate specificity: use of a green fluorescent protein binding assay. Archives of Biochemistry and Biophysics, 2004, 426, 286-297.	1.4	65
5	Hemoglobin Cleavage Site-Specificity of the Plasmodium falciparum Cysteine Proteases Falcipain-2 and Falcipain-3. PLoS ONE, 2009, 4, e5156.	1.1	59
6	Endosomal Endothelin-converting Enzyme-1. Journal of Biological Chemistry, 2009, 284, 22411-22425.	1.6	56
7	Acid-Catalyzed Oxygen-18 Labeling of Peptides. Analytical Chemistry, 2009, 81, 2804-2809.	3.2	50
8	TMPRSS2, a novel membrane-anchored mediator in cancer pain. Pain, 2015, 156, 923-930.	2.0	48
9	Maresin-1 and Resolvin E1 Promote Regenerative Properties of Periodontal Ligament Stem Cells Under Inflammatory Conditions. Frontiers in Immunology, 2020, 11, 585530.	2.2	46
10	Adenosine triphosphate drives head and neck cancer pain through P2X2/3 heterotrimers. Acta Neuropathologica Communications, 2014, 2, 62.	2.4	42
11	Episymbiotic Saccharibacteria suppresses gingival inflammation and bone loss in mice through host bacterial modulation. Cell Host and Microbe, 2021, 29, 1649-1662.e7.	5.1	39
12	Agonist-biased Trafficking of Somatostatin Receptor 2A in Enteric Neurons. Journal of Biological Chemistry, 2013, 288, 25689-25700.	1.6	35
13	Regression of human coronary artery plaque is associated with a high ratio of (18â€hydroxyâ€eicosapentaenoic acid + resolvin E1) to leukotriene B ₄. FASEB Journal, 2021, 35, e21448.	0.2	34
14	A mass spectrometryâ€based strategy for detecting and characterizing endogenous proteinase activities in complex biological samples. Proteomics, 2008, 8, 435-445.	1.3	33
15	Safety and Preliminary Efficacy of a Novel Host-Modulatory Therapy for Reducing Gingival Inflammation. Frontiers in Immunology, 2021, 12, 704163.	2.2	29
16	The Human Salivary Proteome Wiki: A Community-Driven Research Platform. Journal of Dental Research, 2021, 100, 1510-1519.	2.5	27
17	Zymogram with Remazol brilliant blue-labeled Micrococcus lysodeikticus cells for the detection of lysozymes: example of a new lysozyme activity in Formosan termite defense secretions. Analytical Biochemistry, 2003, 312, 73-76.	1.1	23
18	Mapping the Tooth Enamel Proteome and Amelogenin Phosphorylation Onto Mineralizing Porcine Tooth Crowns. Frontiers in Physiology, 2019, 10, 925.	1.3	23

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19	The double-edged role of copper in the fate of amyloid beta in the presence of anti-oxidants. Chemical Science, 2017, 8, 6155-6164.	3.7	20
20	Surveying proteolytic processes in human cancer microenvironments by microdialysis and activityâ€based mass spectrometry. Proteomics - Clinical Applications, 2011, 5, 636-643.	0.8	19
21	Profiling protease activities by dynamic proteomics workflows. Proteomics, 2012, 12, 587-596.	1.3	19
22	Human and Nonhuman Primate Lineage-Specific Footprints in the Salivary Proteome. Molecular Biology and Evolution, 2020, 37, 395-405.	3.5	19
23	The relationship between specialized pro-resolving lipid mediators, morbid obesity and weight loss after bariatric surgery. Scientific Reports, 2020, 10, 20128.	1.6	19
24	Sexâ€mediated elevation of the specialized proâ€resolving lipid mediator levels in a SjÃ¶gren's syndrome mouse model. FASEB Journal, 2020, 34, 7733-7744.	0.2	14
25	Mapping Relative Differences in Human Salivary Gland Secretions by Dried Saliva Spot Sampling and nanoLCâ€“MS/MS. Proteomics, 2019, 19, 1900023.	1.3	13
26	Spatial survey of non-collagenous proteins in mineralizing and non-mineralizing vertebrate tissues ex vivo. Bone Reports, 2021, 14, 100754.	0.2	9
27	Salivary N1-Methyl-2-Pyridone-5-Carboxamide, a Biomarker for Uranium Uptake, in Kuwaiti Children Exhibiting Exceptional Weight Gain. Frontiers in Endocrinology, 2019, 10, 382.	1.5	8
28	Salivary metabolite levels in perinatally HIV-infected youth with periodontal disease. Metabolomics, 2020, 16, 98.	1.4	8
29	Targeting Proteases in Cardiovascular Diseases by Mass Spectrometry-Based Proteomics. Circulation: Cardiovascular Genetics, 2012, 5, 265-265.	5.1	7
30	A robust protocol for the isolation of cellular proteins from Xanthomonas campestris to analyze the methionine effect in 2Dâ€gel experiments. Electrophoresis, 2017, 38, 2603-2609.	1.3	6
31	Informationist support for a study of the role of proteases and peptides in cancer pain. Journal of Escience Librarianship, 2013, 2, 35-40.	0.2	2
32	Protease- and Acid-catalyzed Labeling Workflows Employing ¹⁸O-enriched Water. Journal of Visualized Experiments, 2013, , e3891.	0.2	1
33	Mo1638 Agonist- and Peptidase-Dependent Regulation of Somatostatin Receptor 2A Trafficking in Myenteric Neurons of the Mouse. Gastroenterology, 2012, 142, S-647.	0.6	0
34	Advances in Mass Spectrometry-Based Proteomics and Its Application in Cancer Research. , 2019, , 89-112.		0