

Paul J Hensbergen

List of Publications by Year in descending order

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86
papers

3,463
citations

117625

34
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155660

55
g-index

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all docs

88
docs citations

88
times ranked

6195
citing authors

#	ARTICLE	IF	CITATIONS
1	Clostridioides difficile Phosphoproteomics Shows an Expansion of Phosphorylated Proteins in Stationary Growth Phase. <i>MSphere</i> , 2022, 7, e0091121.	2.9	8
2	New insights into the type A glycan modification of Clostridioides difficile flagellar protein flagellin C by phosphoproteomics analysis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101622.	3.4	4
3	Terminal α 2,6-sialylation of epidermal growth factor receptor modulates antibody therapy response of colorectal cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 835-850.	4.4	24
4	Retinal Proteomics of a Mouse Model of Dystroglycanopathies Reveals Molecular Alterations in Photoreceptors. <i>Journal of Proteome Research</i> , 2021, 20, 3268-3277.	3.7	5
5	Oxonium Ion Guided Analysis of Quantitative Proteomics Data Reveals Site-Specific O-Glycosylation of Anterior Gradient Protein 2 (AGR2). <i>International Journal of Molecular Sciences</i> , 2021, 22, 5369.	4.1	5
6	ST6Gal1 targets the ectodomain of ErbB2 in a site-specific manner and regulates gastric cancer cell sensitivity to trastuzumab. <i>Oncogene</i> , 2021, 40, 3719-3733.	5.9	27
7	Phylogenetic analysis of the bacterial Pro-Pro-endopeptidase domain reveals a diverse family including secreted and membrane anchored proteins. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100024.	2.3	2
8	A Bioluminescent Sensor for Rapid Detection of PPEP-1, a Clostridioides difficile Biomarker. <i>Sensors</i> , 2021, 21, 7485.	3.8	5
9	Characterization of Macrophage Galactose-type Lectin (MGL) ligands in colorectal cancer cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129513.	2.4	22
10	L1CAM as an E-selectin Ligand in Colon Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8286.	4.1	7
11	N-Glycoproteins Have a Major Role in MGL Binding to Colorectal Cancer Cell Lines: Associations with Overall Proteome Diversity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5522.	4.1	11
12	MHC Class I Stability is Modulated by Cell Surface Sialylation in Human Dendritic Cells. <i>Pharmaceutics</i> , 2020, 12, 249.	4.5	16
13	499â€¦AT1636, a colon cancer survivor-derived antibody recognizes a previously unidentified truncated, O-mannosylated 70kDa variant of E-cadherin. , 2020, , .		0
14	The Glycosylation Site of Myelin Oligodendrocyte Glycoprotein Affects Autoantibody Recognition in a Large Proportion of Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1189.	4.8	15
15	Schistosoma mansoni venom allergen-like proteins: phylogenetic relationships, stage-specific transcription and tissue localization as predictors of immunological cross-reactivity. <i>International Journal for Parasitology</i> , 2019, 49, 593-599.	3.1	11
16	Genome annotation and antimicrobial properties of Bacillus toyonensis VUâ€¦DES13, isolated from the Folsomia candida gut. <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 269-285.	1.4	8
17	Glycoproteomic Analysis of MGL-Binding Proteins on Acute T-Cell Leukemia Cells. <i>Journal of Proteome Research</i> , 2019, 18, 1125-1132.	3.7	18
18	AML-specific cytotoxic antibodies in patients with durable graft-versus-leukemia responses. <i>Blood</i> , 2018, 131, 131-143.	1.4	18

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19	Proteomic identification of Axc, a novel beta-lactamase with carbapenemase activity in a meropenem-resistant clinical isolate of <i>Achromobacter xylosoxidans</i> . <i>Scientific Reports</i> , 2018, 8, 8181.	3.3	10
20	Discovery of a new Pro-Pro endopeptidase, PPEP-2, provides mechanistic insights into the differences in substrate specificity within the PPEP family. <i>Journal of Biological Chemistry</i> , 2018, 293, 11154-11165.	3.4	10
21	Sialic acid linkage differentiation of glycopeptides using capillary electrophoresis "electrospray ionization" mass spectrometry. <i>Scientific Reports</i> , 2017, 7, 3733.	3.3	82
22	Covalent attachment and Pro-Pro endopeptidase (PPEP-1)-mediated release of <i>Clostridium difficile</i> cell surface proteins involved in adhesion. <i>Molecular Microbiology</i> , 2017, 105, 663-673.	2.5	13
23	The small FOXP1 isoform predominantly expressed in activated B cell-like diffuse large B-cell lymphoma and full-length FOXP1 exert similar oncogenic and transcriptional activity in human B cells. <i>Haematologica</i> , 2017, 102, 573-583.	3.5	18
24	Patient-derived antibody recognizes a unique CD43 epitope expressed on all AML and has antileukemia activity in mice. <i>Blood Advances</i> , 2017, 1, 1551-1564.	5.2	21
25	An antibody derived from a cured AML patient to identify a unique epitope on CD43 (CD43s) as a novel target for acute myeloid leukemia and myelodysplastic syndrome.. <i>Journal of Clinical Oncology</i> , 2017, 35, 7009-7009.	1.6	0
26	Longitudinal monitoring of immunoglobulin A glycosylation during pregnancy by simultaneous MALDI-FTICR-MS analysis of N- and O-glycopeptides. <i>Scientific Reports</i> , 2016, 6, 27955.	3.3	36
27	Dopant Enriched Nitrogen Gas Combined with Sheathless Capillary Electrophoresis"Electrospray Ionization-Mass Spectrometry for Improved Sensitivity and Repeatability in Glycopeptide Analysis. <i>Analytical Chemistry</i> , 2016, 88, 5849-5856.	6.5	60
28	Typing <i>Pseudomonas aeruginosa</i> Isolates with Ultrahigh Resolution MALDI-FTICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 5996-6003.	6.5	18
29	A Novel Fic (Filamentation Induced by cAMP) Protein from <i>Clostridium difficile</i> Reveals an Inhibitory Motif-independent Adenylylation/AMPylation Mechanism. <i>Journal of Biological Chemistry</i> , 2016, 291, 13286-13300.	3.4	14
30	Hemozoin is a product of heme detoxification in the gut of the most medically important species of the family Opisthorchiidae. <i>International Journal for Parasitology</i> , 2016, 46, 147-156.	3.1	17
31	Tumor Specific Glycosylated CD43 Is a Novel and Highly Specific Target for Acute Myeloid Leukemia and Myelodysplastic Syndrome. <i>Blood</i> , 2016, 128, 1646-1646.	1.4	0
32	Protein and small non-coding RNA-enriched extracellular vesicles are released by the pathogenic blood fluke <i>Schistosoma mansoni</i> . <i>Journal of Extracellular Vesicles</i> , 2015, 4, 28665.	12.2	140
33	<i>Clostridium difficile</i> secreted Pro-Pro endopeptidase PPEP-1 (ZMP1/CD2830) modulates adhesion through cleavage of the collagen binding protein CD2831. <i>FEBS Letters</i> , 2015, 589, 3952-3958.	2.8	59
34	Mass Spectrometry in Clinical Microbiology and Infectious Diseases. <i>Chromatographia</i> , 2015, 78, 379-389.	1.3	5
35	Hinge-Region O-Glycosylation of Human Immunoglobulin G3 (IgG3). <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1373-1384.	3.8	90
36	Characterization of T Antigens, Including Middle T and Alternative T, Expressed by the Human Polyomavirus Associated with Trichodysplasia Spinulosa. <i>Journal of Virology</i> , 2015, 89, 9427-9439.	3.4	37

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37	A Novel Secreted Metalloprotease (CD2830) from <i>Clostridium difficile</i> Cleaves Specific Proline Sequences in LPXTG Cell Surface Proteins. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1231-1244.	3.8	71
38	Immunoglobulin G (IgG) Fab Glycosylation Analysis Using a New Mass Spectrometric High-throughput Profiling Method Reveals Pregnancy-associated Changes. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3029-3039.	3.8	216
39	Binding of von Willebrand factor and plasma proteins to the eggshell of <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2014, 44, 263-268.	3.1	15
40	Site-Specific N-Glycosylation Analysis of Human Immunoglobulin E. <i>Journal of Proteome Research</i> , 2014, 13, 536-546.	3.7	85
41	<i>Clostridium difficile</i> sortase recognizes a (S/P)PXTG sequence motif and can accommodate diaminopimelic acid as a substrate for transpeptidation. <i>FEBS Letters</i> , 2014, 588, 4325-4333.	2.8	19
42	Diagnostic serum glycosylation profile in patients with intellectual disability as a result of MAN1B1 deficiency. <i>Brain</i> , 2014, 137, 1030-1038.	7.6	41
43	Capillary-Electrophoresis Mass Spectrometry for the Detection of Carbapenemases in (Multi-)Drug-Resistant Gram-Negative Bacteria. <i>Analytical Chemistry</i> , 2014, 86, 9154-9161.	6.5	28
44	A Novel Serine Protease Secreted by Medicinal Maggots Enhances Plasminogen Activator-Induced Fibrinolysis. <i>PLoS ONE</i> , 2014, 9, e92096.	2.5	17
45	Identification of New Apolipoprotein-CIII Glycoforms with Ultrahigh Resolution MALDI-FTICR Mass Spectrometry of Human Sera. <i>Journal of Proteome Research</i> , 2013, 12, 2260-2268.	3.7	42
46	A Functional Isopenicillin N Synthase in an Animal Genome. <i>Molecular Biology and Evolution</i> , 2013, 30, 541-548.	8.9	32
47	Antibodies to active zone protein ERC1 in Lambert-Éaton myasthenic syndrome. <i>Human Immunology</i> , 2013, 74, 849-851.	2.4	10
48	Interlaboratory Study on Differential Analysis of Protein Glycosylation by Mass Spectrometry: The ABRF Glycoprotein Research Multi-Institutional Study 2012. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2935-2951.	3.8	103
49	Targeted Biomarker Discovery by High Throughput Glycosylation Profiling of Human Plasma Alpha1-Antitrypsin and Immunoglobulin A. <i>PLoS ONE</i> , 2013, 8, e73082.	2.5	43
50	The Human Lactoferrin-Derived Peptide hLF1-11 Exerts Immunomodulatory Effects by Specific Inhibition of Myeloperoxidase Activity. <i>Journal of Immunology</i> , 2012, 188, 5012-5019.	0.8	57
51	Glycoproteomic Analysis of Human Fibrinogen Reveals Novel Regions of O-Glycosylation. <i>Journal of Proteome Research</i> , 2012, 11, 5804-5814.	3.7	41
52	Top-Down FTICR MS for the Identification of Fluorescent Labeling Efficiency and Specificity of the Cu-Protein Azurin. <i>Analytical Chemistry</i> , 2012, 84, 2512-2520.	6.5	9
53	PARP1 promotes nucleotide excision repair through DDB2 stabilization and recruitment of ALC1. <i>Journal of Cell Biology</i> , 2012, 199, 235-249.	5.2	197
54	Fibrinogen alpha chain O-glycopeptides as possible markers of urinary tract infection. <i>Journal of Proteomics</i> , 2012, 75, 1067-1073.	2.4	31

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55	Rac1 acts in conjunction with Nedd4 and Dishevelled-1 to promote maturation of cell-cell contacts. <i>Journal of Cell Science</i> , 2012, 125, 3430-42.	2.0	18
56	Ultra-Low Flow Electrospray Ionization-Mass Spectrometry for Improved Ionization Efficiency in Phosphoproteomics. <i>Analytical Chemistry</i> , 2012, 84, 4552-4559.	6.5	89
57	UVA1 radiation inhibits calcineurin through oxidative damage mediated by photosensitization. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1392-1399.	2.9	10
58	Precision profiling and identification of human serum peptides using Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3457-3463.	1.5	16
59	The F-BAR domain protein PACSIN2 associates with Rac1 and regulates cell spreading and migration. <i>Journal of Cell Science</i> , 2011, 124, 2375-2388.	2.0	81
60	The feasibility of MS and advanced data processing for monitoring <i>Schistosoma mansoni</i> infection. <i>Proteomics - Clinical Applications</i> , 2010, 4, 499-510.	1.6	11
61	Characterization of hepatitis C virus NS3 modifications in the context of replication. <i>Journal of General Virology</i> , 2010, 91, 1013-1018.	2.9	6
62	Focal-adhesion targeting links caveolin-1 to a Rac1-degradation pathway. <i>Journal of Cell Science</i> , 2010, 123, 1948-1958.	2.0	79
63	Rac1 Recruits the Adapter Protein CMS/CD2AP to Cell-Cell Contacts. <i>Journal of Biological Chemistry</i> , 2010, 285, 20137-20146.	3.4	44
64	Mass Spectrometric Identification of Aberrantly Glycosylated Human Apolipoprotein C-III Peptides in Urine from <i>Schistosoma mansoni</i> -infected Individuals. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 667-681.	3.8	36
65	Proteomic Analysis of the Dysferlin Protein Complex Unveils Its Importance for Sarcolemmal Maintenance and Integrity. <i>PLoS ONE</i> , 2010, 5, e13854.	2.5	62
66	Novel Automated Biomarker Discovery Work Flow for Urinary Peptidomics. <i>Clinical Chemistry</i> , 2009, 55, 117-125.	3.2	19
67	Cellular/intramuscular myxoma and grade I myxofibrosarcoma are characterized by distinct genetic alterations and specific composition of their extracellular matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1291-1301.	3.6	65
68	Proteome analysis of aerobically and anaerobically grown <i>Saccharomyces cerevisiae</i> cells. <i>Journal of Proteomics</i> , 2009, 71, 662-669.	2.4	29
69	GPCR Proteomics: Mass Spectrometric and Functional Analysis of Histamine H ₁ Receptor after Baculovirus-Driven and <i>in Vitro</i> Cell Free Expression. <i>Journal of Proteome Research</i> , 2008, 7, 621-629.	3.7	42
70	Filamin B Mediates ICAM-1-driven Leukocyte Transendothelial Migration. <i>Journal of Biological Chemistry</i> , 2008, 283, 31830-31839.	3.4	80
71	Identification of a New Site of Sumoylation on Tel (ETV6) Unveils a PIAS-Dependent Mode of Regulating Tel Function. <i>Molecular and Cellular Biology</i> , 2008, 28, 2342-2357.	2.3	28
72	A functional <i>Campylobacter jejuni</i> maf4 gene results in novel glycoforms on flagellin and altered autoagglutination behaviour. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3385-3397.	1.8	40

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73	Annexin A2 Phosphorylation Mediates Cell Scattering and Branching Morphogenesis via Cofilin Activation. <i>Molecular and Cellular Biology</i> , 2008, 28, 1029-1040.	2.3	100
74	The A3243G tRNA ^{Leu} (UUR) mutation induces mitochondrial dysfunction and variable disease expression without dominant negative acting translational defects in complex IV subunits at UUR codons. <i>Human Molecular Genetics</i> , 2007, 16, 2472-2481.	2.9	26
75	Post-Transcriptional Control of the <i>Saccharomyces cerevisiae</i> Proteome by 14-3-3 Proteins. <i>Journal of Proteome Research</i> , 2007, 6, 1689-1699.	3.7	26
76	Phospho-proteomic analysis of cellular signaling. <i>Electrophoresis</i> , 2006, 27, 2676-2686.	2.4	50
77	Proteomic Analysis of Uveal Melanoma Reveals Novel Potential Markers Involved in Tumor Progression. , 2006, 47, 786.		32
78	The CXCR3 Targeting Chemokine CXCL11 Has Potent Antitumor Activity In Vivo Involving Attraction of CD8+ T Lymphocytes But Not Inhibition of Angiogenesis. <i>Journal of Immunotherapy</i> , 2005, 28, 343-351.	2.4	114
79	Proteomic Profiling Identifies an UV-Induced Activation of Cofilin-1 and Destrin in Human Epidermis. <i>Journal of Investigative Dermatology</i> , 2005, 124, 818-824.	0.7	35
80	Furin Is a Chemokine-modifying Enzyme. <i>Journal of Biological Chemistry</i> , 2004, 279, 13402-13411.	3.4	30
81	Fibroblasts facilitate re-epithelialization in wounded human skin equivalents. <i>Laboratory Investigation</i> , 2004, 84, 102-112.	3.7	126
82	Morphological changes during dendritic cell maturation correlate with cofilin activation and translocation to the cell membrane. <i>European Journal of Immunology</i> , 2004, 34, 156-164.	2.9	70
83	Differential expression of CRABP-II in fibroblasts derived from dermis and subcutaneous fat. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 428-433.	2.1	17
84	Fibroblasts facilitate re-epithelialization in wounded human skin equivalents. <i>Laboratory Investigation</i> , 2004, 84, 102-112.	3.7	7
85	CXCR3-mediated chemotaxis of human T cells is regulated by a Gi- and phospholipase C α -dependent pathway and not via activation of MEK/p44/p42 MAPK nor Akt/PI-3 kinase. <i>Blood</i> , 2003, 102, 1959-1965.	1.4	161
86	Processing of natural and recombinant CXCR3-targeting chemokines and implications for biological activity. <i>FEBS Journal</i> , 2001, 268, 4992-4999.	0.2	21