

# Helena Idborg

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,169  
citations

394286

19  
h-index

377752

34  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic fingerprinting of rat urine by LC/MSPart 1. Analysis by hydrophilic interaction liquid chromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 828, 9-13.	1.2	137
2	COX/mPGES-1/PGE <sub>2</sub> pathway depicts an inflammatory-dependent high-risk neuroblastoma subset. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8070-8075.	3.3	88
3	Multivariate approaches for efficient detection of potential metabolites from liquid chromatography/mass spectrometry data. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 944-954.	0.7	81
4	Metabolic fingerprinting of rat urine by LC/MSPart 2. Data pretreatment methods for handling of complex data. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 828, 14-20.	1.2	73
5	TNF- $\alpha$ and plasma albumin as biomarkers of disease activity in systemic lupus erythematosus. <i>Lupus Science and Medicine</i> , 2018, 5, e000260.	1.1	73
6	Evaluation of different techniques for data fusion of LC/MS and 1H-NMR. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 85, 102-109.	1.8	65
7	Characterization of a human and murine mPGES-1 inhibitor and comparison to mPGES-1 genetic deletion in mouse models of inflammation. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 107, 26-34.	1.0	62
8	Low-dose aspirin delays an inflammatory tumor progression in vivo in a transgenic mouse model of neuroblastoma. <i>Carcinogenesis</i> , 2013, 34, 1081-1088.	1.3	60
9	Kynurenine pathway is altered in patients with SLE and associated with severe fatigue. <i>Lupus Science and Medicine</i> , 2018, 5, e000254.	1.1	51
10	IL-1 $\beta$ /HMGB1 Complexes Promote The PGE <sub>2</sub> Biosynthesis Pathway in Synovial Fibroblasts. <i>Scandinavian Journal of Immunology</i> , 2013, 77, 350-360.	1.3	47
11	Pulmonary epithelial cancer cells and their exosomes metabolize myeloid cell-derived leukotriene C4 to leukotriene D4. <i>Journal of Lipid Research</i> , 2016, 57, 1659-1669.	2.0	39
12	NOD2-Mediated Innate Immune Signaling Regulates the Eicosanoids in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2193-2201.	1.1	37
13	Dysregulations in circulating sphingolipids associate with disease activity indices in female patients with systemic lupus erythematosus: a cross-sectional study. <i>Lupus</i> , 2017, 26, 1023-1033.	0.8	36
14	Effects of mPGES-1 deletion on eicosanoid and fatty acid profiles in mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 107, 18-25.	1.0	30
15	miR-574-5p as RNA decoy for CUGBP1 stimulates human lung tumor growth by mPGES-1 induction. <i>FASEB Journal</i> , 2019, 33, 6933-6947.	0.2	30
16	Characterization of a new mPGES-1 inhibitor in rat models of inflammation. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 102-103, 1-12.	1.0	27
17	Evaluation of urinary prostaglandin E2 metabolite as a biomarker in infants with fever due to viral infection. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 269-275.	1.0	24
18	Inhibition of mPGES-1 or COX-2 Results in Different Proteomic and Lipidomic Profiles in A549 Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 636.	1.6	24

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19	Two subgroups in systemic lupus erythematosus with features of antiphospholipid or Sjögren's syndrome differ in molecular signatures and treatment perspectives. <i>Arthritis Research and Therapy</i> , 2019, 21, 62.	1.6	24
20	Targeted lipidomics analysis identified altered serum lipid profiles in patients with polymyositis and dermatomyositis. <i>Arthritis Research and Therapy</i> , 2018, 20, 83.	1.6	22
21	Cytokines as Biomarkers in Systemic Lupus Erythematosus: Value for Diagnosis and Drug Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11327.	1.8	20
22	Cytokine Profiles in Autoantibody Defined Subgroups of Systemic Lupus Erythematosus. <i>Journal of Proteome Research</i> , 2019, 18, 1208-1217.	1.8	17
23	Urinary prostaglandin D2 and E2 metabolites associate with abdominal obesity, glucose metabolism, and triglycerides in obese subjects. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 145, 106361.	1.0	15
24	Enhanced multivariate analysis by correlation scaling and fusion of LC/MS and 1H NMR data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 85, 179-185.	1.8	13
25	Limited effect of anti-rheumatic treatment on 15-prostaglandin dehydrogenase in rheumatoid arthritis synovial tissue. <i>Arthritis Research and Therapy</i> , 2012, 14, R121.	1.6	13
26	Multivariate strategy for the sample selection and integration of multi-batch data in metabolomics. <i>Metabolomics</i> , 2017, 13, 114.	1.4	12
27	Circulating Levels of Interferon Regulatory Factor-5 Associates With Subgroups of Systemic Lupus Erythematosus Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1029.	2.2	11
28	Mass spectrometry-based analysis of cerebrospinal fluid from arthritis patients' immune-related candidate proteins affected by TNF blocking treatment. <i>Arthritis Research and Therapy</i> , 2019, 21, 60.	1.6	10
29	Impaired vagus-mediated immunosuppression in microsomal prostaglandin E synthase-1 deficient mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 121, 155-162.	1.0	9
30	Structural and Functional Analysis of Calcium Ion Mediated Binding of 5-Lipoxygenase to Nanodiscs. <i>PLoS ONE</i> , 2016, 11, e0152116.	1.1	8
31	Arg126 and Asp49 Are Essential for the Catalytic Function of Microsomal Prostaglandin E2 Synthase 1 and Ser127 Is Not. <i>PLoS ONE</i> , 2016, 11, e0163600.	1.1	6
32	A3.28...Screening of sphingolipids in SLE before and after treatment. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A53.2-A53.	0.5	3
33	Systems biology of SLE: biochemical characterisation of subgroups within sle for improved diagnosis and treatment. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A12.2-A12.	0.5	1
34	Urinary PGE 2 metabolite levels in hospitalised infants with infections compared to age-matched controls. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1879-1886.	0.7	1
35	Limited effects of methotrexate on enzymes of the PGE2 pathway in rheumatoid arthritis synovial tissue. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A75-A75.	0.5	0
36	A10.23...Stratification of SLE Patients for Improved Diagnosis and Treatment. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A80.2-A80.	0.5	0

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37	A9.3â€¦Deletion of mPGES-1 affects Fatty Acid Composition and Eicosanoid Profiles in Mice. Annals of the Rheumatic Diseases, 2013, 72, A65.1-A65.	0.5	0
38	A10.12â€¦Characterisation of a New mPGES-1 Inhibitor in Human and Murine Models of Inflammation. Annals of the Rheumatic Diseases, 2013, 72, A76.1-A76.	0.5	0
39	A9.6â€¦Effect of mPGES-1 targeting on lipid metabolism in human cells. Annals of the Rheumatic Diseases, 2014, 73, A94.1-A94.	0.5	0
40	05.01â€¦Protein profiling in plasma reveals molecular subgroups in systemic lupus erythematosus. , 2017, , .		0
41	08.10â€¦Serum lipid and fatty acid profiles are altered in patients with polymyositis or dermatomyositis. , 2017, , .		0