

# Soeren W Gersting

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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

33  
papers

1,599  
citations

19  
h-index

36  
g-index

36  
ext. papers

1,805  
ext. citations

5.9  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
33	Phenotypic analysis of the pediatric immune response to SARS-CoV-2 by flow cytometry.. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2021</b> ,	4.6	1
32	Edgetic Perturbations Contribute to Phenotypic Variability in PEX26 Deficiency. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 726174	4.5	0
31	iBRET Screen of the ABCD1 Peroxisomal Network and Mutation-Induced Network Perturbations. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 4366-4380	5.6	1
30	Multiplexed complexome profiling using tandem mass tags. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2021</b> , 1862, 148448	4.6	2
29	Isoform-specific domain organization determines conformation and function of the peroxisomal biogenesis factor PEX26. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2019</b> , 1866, 518-531	4.9	6
28	Secondary BH4 deficiency links protein homeostasis to regulation of phenylalanine metabolism. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1732-1742	5.6	4
27	Inborn errors of metabolism and the human interactome: a systems medicine approach. <i>Journal of Inherited Metabolic Disease</i> , <b>2018</b> , 41, 285-296	5.4	12
26	Disease-causing mutations affecting surface residues of mitochondrial glutaryl-CoA dehydrogenase impair stability, heteromeric complex formation and mitochondria architecture. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 538-551	5.6	8
25	Homooligomerization of ABCA3 and its functional significance. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 38, 558-66	4.4	2
24	Mapping the functional landscape of frequent phenylalanine hydroxylase (PAH) genotypes promotes personalised medicine in phenylketonuria. <i>Journal of Medical Genetics</i> , <b>2015</b> , 52, 175-85	5.8	26
23	IL-37 requires the receptors IL-18R $\alpha$ and IL-1R8 (SIGIRR) to carry out its multifaceted anti-inflammatory program upon innate signal transduction. <i>Nature Immunology</i> , <b>2015</b> , 16, 354-65	19.1	258
22	Quantification of mevalonate-5-phosphate using UPLC-MS/MS for determination of mevalonate kinase activity. <i>Clinical Biochemistry</i> , <b>2015</b> , 48, 781-7	3.5	2
21	CLPB mutations cause 3-methylglutaconic aciduria, progressive brain atrophy, intellectual disability, congenital neutropenia, cataracts, movement disorder. <i>American Journal of Human Genetics</i> , <b>2015</b> , 96, 245-57	11	84
20	Rad50-CARD9 interactions link cytosolic DNA sensing to IL-1 $\beta$ production. <i>Nature Immunology</i> , <b>2014</b> , 15, 538-45	19.1	96
19	An interactive network of elastase, secretases, and PAR-2 protein regulates CXCR1 receptor surface expression on neutrophils. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 20516-25	5.4	15
18	Innovative strategies to treat protein misfolding in inborn errors of metabolism: pharmacological chaperones and proteostasis regulators. <i>Journal of Inherited Metabolic Disease</i> , <b>2014</b> , 37, 505-23	5.4	75
17	The domain-specific and temperature-dependent protein misfolding phenotype of variant medium-chain acyl-CoA dehydrogenase. <i>PLoS ONE</i> , <b>2014</b> , 9, e93852	3.7	12

16	Novel pharmacological chaperones that correct phenylketonuria in mice. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 1877-87	5.6	50
15	Identification of a new fatty acid synthesis-transport machinery at the peroxisomal membrane. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 210-221	5.4	25
14	Bioluminescence resonance energy transfer: an emerging tool for the detection of protein-protein interaction in living cells. <i>Methods in Molecular Biology</i> , <b>2012</b> , 815, 253-63	1.4	12
13	Varicella zoster virus ORF25 gene product: an essential hub protein linking encapsidation proteins and the nuclear egress complex. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5374-82	5.6	20
12	The interplay between genotype, metabolic state and cofactor treatment governs phenylalanine hydroxylase function and drug response. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2628-41	5.6	55
11	Pahenu1 is a mouse model for tetrahydrobiopterin-responsive phenylalanine hydroxylase deficiency and promotes analysis of the pharmacological chaperone mechanism in vivo. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 2039-49	5.6	40
10	Activation of phenylalanine hydroxylase induces positive cooperativity toward the natural cofactor. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 30686-97	5.4	26
9	Phenylketonuria as a model for protein misfolding diseases and for the development of next generation orphan drugs for patients with inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , <b>2010</b> , 33, 649-58	5.4	24
8	New insights into tetrahydrobiopterin pharmacodynamics from Pah enu1/2, a mouse model for compound heterozygous tetrahydrobiopterin-responsive phenylalanine hydroxylase deficiency. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1563-71	6	12
7	Protein misfolding is the molecular mechanism underlying MCADD identified in newborn screening. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 1612-23	5.6	39
6	Loss of function in phenylketonuria is caused by impaired molecular motions and conformational instability. <i>American Journal of Human Genetics</i> , <b>2008</b> , 83, 5-17	11	95
5	Advances in magnetofection—magnetically guided nucleic acid delivery. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 293, 501-508	2.8	133
4	Gene delivery to respiratory epithelial cells by magnetofection. <i>Journal of Gene Medicine</i> , <b>2004</b> , 6, 913-23	3.5	101
3	Insights into the mechanism of magnetofection using PEI-based magnetofectins for gene transfer. <i>Journal of Gene Medicine</i> , <b>2004</b> , 6, 923-36	3.5	244
2	Interaction of bronchoalveolar lavage fluid with polyplexes and lipoplexes: analysing the role of proteins and glycoproteins. <i>Journal of Gene Medicine</i> , <b>2003</b> , 5, 49-60	3.5	50
1	Interaction of liposomal and polycationic transfection complexes with pulmonary surfactant. <i>Journal of Gene Medicine</i> , <b>1999</b> , 1, 331-40	3.5	69