

Lars Ole Schwen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7274390/lars-ole-schwen-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

25
papers

336
citations

11
h-index

18
g-index

26
ext. papers

442
ext. citations

3.5
avg, IF

3.13
L-index

#	Paper	IF	Citations
25	Evaluating generic AutoML tools for computational pathology. <i>Informatics in Medicine Unlocked</i> , 2022 , 29, 100853	5.3	0
24	Automated Detection of Portal Fields and Central Veins in Whole-Slide Images of Liver Tissue.. <i>Journal of Pathology Informatics</i> , 2022 , 13, 100001	4.4	
23	Artificial Intelligence in Pathology: From Prototype to Product. <i>Journal of Pathology Informatics</i> , 2021 , 12, 13	4.4	2
22	Ten simple rules for typographically appealing scientific texts. <i>PLoS Computational Biology</i> , 2020 , 16, e1008458	5	
21	Evaluation of a numerical simulation for cryoablation - comparison with bench data, clinical kidney and lung cases. <i>International Journal of Hyperthermia</i> , 2020 , 37, 1268-1278	3.7	1
20	Efficient GPU-Based Numerical Simulation of Cryoablation of the Kidney 2020 , 171-193		1
19	Data-Driven Discovery of Immune Contexture Biomarkers. <i>Frontiers in Oncology</i> , 2018 , 8, 627	5.3	15
18	Focused scores enable reliable discrimination of small differences in steatosis. <i>Diagnostic Pathology</i> , 2018 , 13, 76	3	2
17	Physiologically-based modelling in mice suggests an aggravated loss of clearance capacity after toxic liver damage. <i>Scientific Reports</i> , 2017 , 7, 6224	4.9	23
16	Computational Modeling in Liver Surgery. <i>Frontiers in Physiology</i> , 2017 , 8, 906	4.6	16
15	Modeling approaches for hepatic spatial heterogeneity in pharmacokinetic simulations. <i>Drug Discovery Today: Disease Models</i> , 2016 , 22, 35-43	1.3	3
14	Visualization of Vascular and Parenchymal Regeneration after 70% Partial Hepatectomy in Normal Mice. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	3
13	Zonated quantification of steatosis in an entire mouse liver. <i>Computers in Biology and Medicine</i> , 2016 , 73, 108-18	7	26
12	Quantification of Hepatic Vascular and Parenchymal Regeneration in Mice. <i>PLoS ONE</i> , 2016 , 11, e0160581	3.7	8
11	Some Use Cases for Composite Finite Elements in Image Based Computing 2016 , 117-129		
10	GPU-Accelerated Sparse Matrix-Matrix Multiplication by Iterative Row Merging. <i>SIAM Journal of Scientific Computing</i> , 2015 , 37, C54-C71	2.6	44
9	Algorithmically generated rodent hepatic vascular trees in arbitrary detail. <i>Journal of Theoretical Biology</i> , 2015 , 365, 289-300	2.3	11

8	Representative Sinusoids for Hepatic Four-Scale Pharmacokinetics Simulations. <i>PLoS ONE</i> , 2015 , 10, e0133653	3.7	31
7	Intrahepatic Vascular Anatomy in Rats and Mice--Variations and Surgical Implications. <i>PLoS ONE</i> , 2015 , 10, e0141798	3.7	18
6	Validation of composite finite elements efficiently simulating elasticity of trabecular bone. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014 , 17, 652-60	2.1	3
5	Spatio-temporal simulation of first pass drug perfusion in the liver. <i>PLoS Computational Biology</i> , 2014 , 10, e1003499	5	35
4	Analysis and algorithmic generation of hepatic vascular systems. <i>International Journal of Hepatology</i> , 2012 , 2012, 357687	2.7	30
3	3D Composite Finite Elements for Elliptic Boundary Value Problems with Discontinuous Coefficients. <i>SIAM Journal of Scientific Computing</i> , 2011 , 33, 2115-2143	2.6	19
2	Composite finite elements for 3D image based computing. <i>Computing and Visualization in Science</i> , 2009 , 12, 171-188	1	34
1	Statistical osteoporosis models using composite finite elements: a parameter study. <i>Journal of Biomechanics</i> , 2009 , 42, 2205-9	2.9	7