

# Xiaohui Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/178474/publications.pdf>

Version: 2024-02-01

59  
papers

1,832  
citations

430874

18  
h-index

302126

39  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Calibration of Long-Term Reanalysis Data for Australian Fire Weather Conditions. Journal of Applied Meteorology and Climatology, 2022, 61, 729-758.	1.5	2
2	Enabling situational awareness of business processes. Business Process Management Journal, 2021, 27, 779-795.	4.2	10
3	HIGH CROSSOVER RATE1 encodes PROTEIN PHOSPHATASE X1 and restricts meiotic crossovers in Arabidopsis. Nature Plants, 2021, 7, 452-467.	9.3	25
4	Menstrual flow as a non-invasive source of endometrial organoids. Communications Biology, 2021, 4, 651.	4.4	40
5	Placental secretome characterization identifies candidates for pregnancy complications. Communications Biology, 2021, 4, 701.	4.4	18
6	Defective folate metabolism causes germline epigenetic instability and distinguishes Hira as a phenotype inheritance biomarker. Nature Communications, 2021, 12, 3714.	12.8	12
7	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. Journal of Experimental Medicine, 2021, 218, .	8.5	98
8	Characterization of primary models of human trophoblast. Development (Cambridge), 2021, 148, .	2.5	50
9	Integrating Real-time Analytics and Situational Awareness into Business Process Management. , 2021, , .		0
10	UniFlexView: A unified framework for consistent construction of BPMN and BPEL process views. Concurrency Computation Practice and Experience, 2020, 32, e5646.	2.2	4
11	Reusing artifact-centric business process models: a behavioral consistent specialization approach. Computing (Vienna/New York), 2020, 102, 1843-1879.	4.8	2
12	Interacting Genomic Landscapes of REC8-Cohesin, Chromatin, and Meiotic Recombination in Arabidopsis. Plant Cell, 2020, 32, 1218-1239.	6.6	57
13	Deriving user interface flow models for artifact-centric business processes. Computers in Industry, 2018, 96, 66-85.	9.9	11
14	Nucleosomes and DNA methylation shape meiotic DSB frequency in <i>Arabidopsis thaliana</i> transposons and gene regulatory regions. Genome Research, 2018, 28, 532-546.	5.5	190
15	Epigenetic activation of meiotic recombination near <i>Arabidopsis thaliana</i> centromeres via loss of H3K9me2 and non-CG DNA methylation. Genome Research, 2018, 28, 519-531.	5.5	138
16	Interhomolog polymorphism shapes meiotic crossover within the Arabidopsis RAC1 and RPP13 disease resistance genes. PLoS Genetics, 2018, 14, e1007843.	3.5	30
17	Enabling Intelligent Business Processes with Context Awareness. , 2018, , .		8
18	Resource Management for Business Process Scheduling in the Presence of Availability Constraints. ACM Transactions on Management Information Systems, 2016, 7, 1-26.	2.8	13

#	ARTICLE	IF	CITATIONS
19	Recombination Rate Heterogeneity within Arabidopsis Disease Resistance Genes. <i>PLoS Genetics</i> , 2016, 12, e1006179.	3.5	94
20	DNA methylation epigenetically silences crossover hot spots and controls chromosomal domains of meiotic recombination in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2015, 29, 2183-2202.	5.9	160
21	Role-Based Process View Derivation and Composition. <i>ACM Transactions on Management Information Systems</i> , 2015, 6, 1-24.	2.8	7
22	A view framework for modeling and change validation of artifact-centric inter-organizational business processes. <i>Information Systems</i> , 2015, 47, 51-81.	3.6	26
23	Juxtaposition of heterozygous and homozygous regions causes reciprocal crossover remodelling via interference during <i>Arabidopsis</i> meiosis. <i>ELife</i> , 2015, 4, .	6.0	97
24	Towards Effective Teaching in Project Management. <i>Advances in IT Personnel and Project Management</i> , 2015, , 168-182.	0.3	0
25	Dynamic service contracting for on-demand asset delivery. <i>Electronic Commerce Research</i> , 2014, 14, 661-682.	5.0	0
26	Incorporating structural improvement into resource allocation for business process execution planning. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 427-442.	2.2	13
27	Version management for business process schema evolution. <i>Information Systems</i> , 2013, 38, 1046-1069.	3.6	12
28	High-throughput analysis of meiotic crossover frequency and interference via flow cytometry of fluorescent pollen in <i>Arabidopsis thaliana</i> . <i>Nature Protocols</i> , 2013, 8, 2119-2134.	12.0	44
29	<i>Arabidopsis</i> meiotic crossover hot spots overlap with H2A.Z nucleosomes at gene promoters. <i>Nature Genetics</i> , 2013, 45, 1327-1336.	21.4	321
30	A Framework for Behavior-Consistent Specialization of Artifact-Centric Business Processes. <i>Lecture Notes in Computer Science</i> , 2012, , 285-301.	1.3	14
31	Incorporating business logics into RFID-enabled applications. <i>Information Processing and Management</i> , 2012, 48, 47-62.	8.6	10
32	CorPN: managing instance correspondence in collaborative business processes. <i>Distributed and Parallel Databases</i> , 2011, 29, 309-332.	1.6	1
33	Implementing process views in the web service environment. <i>World Wide Web</i> , 2011, 14, 27-52.	4.0	17
34	An Artifact-Centric View-Based Approach to Modeling Inter-organizational Business Processes. <i>Lecture Notes in Computer Science</i> , 2011, , 273-281.	1.3	11
35	Object Oriented Business Process Modelling in RFID Applied Computing Environments. , 2011, , 367-384.		0
36	Steering Dynamic Collaborations Between Business Processes. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2010, 40, 743-757.	2.9	20

#	ARTICLE	IF	CITATIONS
37	Incorporating business process management into RFID-enabled application systems. Business Process Management Journal, 2010, 16, 932-953.	4.2	8
38	BPMN Process Views Construction. Lecture Notes in Computer Science, 2010, , 550-564.	1.3	5
39	Financier-Led Asset Lease Model. Lecture Notes in Computer Science, 2010, , 14-15.	1.3	1
40	An Artifact-Centric Approach to Generating Web-Based Business Process Driven User Interfaces. Lecture Notes in Computer Science, 2010, , 419-427.	1.3	8
41	Towards Dynamic Collaborations in Virtual Organization Alliances. , 2010, , 297-321.		0
42	Introduction to the Third International Workshop on Collaborative Business Processes (CBP 2009). Lecture Notes in Business Information Processing, 2010, , 293-294.	1.0	0
43	Towards Dynamic Collaborations in Virtual Organization Alliances. , 2010, , 1663-1685.		0
44	Challenges and opportunities in collaborative business process management: Overview of recent advances and introduction to the special issue. Information Systems Frontiers, 2009, 11, 201-209.	6.4	68
45	Resource Planning for Massive Number of Process Instances. Lecture Notes in Computer Science, 2009, , 219-236.	1.3	8
46	Aligning Collaborative Business Processes – An Organization-Oriented Perspective. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 1152-1164.	2.9	25
47	WS-BPEL Business Process Abstraction and Concretisation. Lecture Notes in Computer Science, 2009, , 555-569.	1.3	6
48	Enhancing Business Process Automation by Integrating RFID Data and Events. Lecture Notes in Computer Science, 2009, , 255-272.	1.3	3
49	Introduction to the Second Workshop on Collaborative Business Processes (CBP 2008). Lecture Notes in Business Information Processing, 2009, , 557-560.	1.0	0
50	Towards flexible compensation for business transactions in Web service environment. Service Oriented Computing and Applications, 2008, 2, 79-91.	1.6	10
51	Resource Allocation vs. Business Process Improvement: How They Impact on Each Other. Lecture Notes in Computer Science, 2008, , 228-243.	1.3	27
52	Process View Derivation and Composition in a Dynamic Collaboration Environment. Lecture Notes in Computer Science, 2008, , 82-99.	1.3	12
53	Introduction to the First Workshop on Collaborative Business Processes (CBP 2007). Lecture Notes in Computer Science, 2008, , 181-184.	1.3	0
54	Version Management in the Business Process Change Context. , 2007, , 198-213.		35

#	ARTICLE	IF	CITATIONS
55	Handling Instance Correspondence in Inter-organisational Workflows. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2007, , 51-65.	0.3	12
56	Tracking over Collaborative Business Processes. Lecture Notes in Computer Science, 2006, , 33-48.	1.3	15
57	Supporting Relative Workflows with Web Services. Lecture Notes in Computer Science, 2006, , 680-691.	1.3	4
58	An Organisational Perspective on Collaborative Business Processes. Lecture Notes in Computer Science, 2005, , 17-31.	1.3	18
59	Transactional Properties of Complex Web Services. , 0, , 21-34.		0