Xiaohui Zhao

List of Publications by Year
in descending order

59	1,832	430874	302126
papers	citations	18	39
		h-index	g-index

62	62	62	1858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arabidopsis meiotic crossover hot spots overlap with H2A.Z nucleosomes at gene promoters. Nature Genetics, 2013, 45, 1327-1336.	21.4	321
2	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
3	DNA methylation epigenetically silences crossover hot spots and controls chromosomal domains of meiotic recombination in <i>Arabidopsis</i>. Genes and Development, 2015, 29, 2183-2202.	5.9	160
4	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
5	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. Journal of Experimental Medicine, 2021, 218, .	8.5	98
6	Juxtaposition of heterozygous and homozygous regions causes reciprocal crossover remodelling via interference during Arabidopsis meiosis. ELife, 2015, 4, .	6.0	97
7	Recombination Rate Heterogeneity within Arabidopsis Disease Resistance Genes. PLoS Genetics, 2016, 12, e1006179.	3.5	94
8	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
9	Interacting Genomic Landscapes of REC8-Cohesin, Chromatin, and Meiotic Recombination in Arabidopsis. Plant Cell, 2020, 32, 1218-1239.	6.6	57
10	Characterization of primary models of human trophoblast. Development (Cambridge), 2021, 148, .	2.5	50
11	High-throughput analysis of meiotic crossover frequency and interference via flow cytometry of fluorescent pollen in Arabidopsis thaliana. Nature Protocols, 2013, 8, 2119-2134.	12.0	44
12	Menstrual flow as a non-invasive source of endometrial organoids. Communications Biology, 2021, 4, 651.	4.4	40
13	Version Management in the Business Process Change Context. , 2007, , 198-213.		35
14	Interhomolog polymorphism shapes meiotic crossover within the Arabidopsis RAC1 and RPP13 disease resistance genes. PLoS Genetics, 2018, 14, e1007843.	3.5	30
15	Resource Allocation vs. Business Process Improvement: How They Impact on Each Other. Lecture Notes in Computer Science, 2008, , 228-243.	1.3	27
16	A view framework for modeling and change validation of artifact-centric inter-organizational business processes. Information Systems, 2015, 47, 51-81.	3.6	26
17	Aligning Collaborative Business Processesâ€"An Organization-Oriented Perspective. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 1152-1164.	2.9	25
18	HIGH CROSSOVER RATE1 encodes PROTEIN PHOSPHATASE X1 and restricts meiotic crossovers in Arabidopsis. Nature Plants, 2021, 7, 452-467.	9.3	25

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19	Steering Dynamic Collaborations Between Business Processes. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 743-757.	2.9	20
20	Placental secretome characterization identifies candidates for pregnancy complications. Communications Biology, 2021, 4, 701.	4.4	18
21	An Organisational Perspective on Collaborative Business Processes. Lecture Notes in Computer Science, 2005, , 17-31.	1.3	18
22	Implementing process views in the web service environment. World Wide Web, 2011, 14, 27-52.	4.0	17
23	Tracking over Collaborative Business Processes. Lecture Notes in Computer Science, 2006, , 33-48.	1.3	15
24	A Framework for Behavior-Consistent Specialization of Artifact-Centric Business Processes. Lecture Notes in Computer Science, 2012, , 285-301.	1.3	14
25	Incorporating structural improvement into resource allocation for business process execution planning. Concurrency Computation Practice and Experience, 2013, 25, 427-442.	2.2	13
26	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
27	Version management for business process schema evolution. Information Systems, 2013, 38, 1046-1069.	3.6	12
28	Defective folate metabolism causes germline epigenetic instability and distinguishes Hira as a phenotype inheritance biomarker. Nature Communications, 2021, 12, 3714.	12.8	12
29	Handling Instance Correspondence in Inter-organisational Workflows. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2007, , 51-65.	0.3	12
30	Process View Derivation and Composition in a Dynamic Collaboration Environment. Lecture Notes in Computer Science, 2008, , 82-99.	1.3	12
31	Deriving user interface flow models for artifact-centric business processes. Computers in Industry, 2018, 96, 66-85.	9.9	11
32	An Artifact-Centric View-Based Approach to Modeling Inter-organizational Business Processes. Lecture Notes in Computer Science, 2011, , 273-281.	1.3	11
33	Towards flexible compensation for business transactions in Web service environment. Service Oriented Computing and Applications, 2008, 2, 79-91.	1.6	10
34	Incorporating business logics into RFID-enabled applications. Information Processing and Management, 2012, 48, 47-62.	8.6	10
35	Enabling situational awareness of business processes. Business Process Management Journal, 2021, 27, 779-795.	4.2	10
36	Resource Planning for Massive Number of Process Instances. Lecture Notes in Computer Science, 2009, , 219-236.	1.3	8

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37	Incorporating business process management into RFIDâ€enabled application systems. Business Process Management Journal, 2010, 16, 932-953.	4.2	8
38	Enabling Intelligent Business Processes with Context Awareness. , 2018, , .		8
39	An Artifact-Centric Approach to Generating Web-Based Business Process Driven User Interfaces. Lecture Notes in Computer Science, 2010, , 419-427.	1.3	8
40	Role-Based Process View Derivation and Composition. ACM Transactions on Management Information Systems, 2015, 6, 1-24.	2.8	7
41	WS-BPEL Business Process Abstraction and Concretisation. Lecture Notes in Computer Science, 2009, , 555-569.	1.3	6
42	BPMN Process Views Construction. Lecture Notes in Computer Science, 2010, , 550-564.	1.3	5
43	UniFlexView: A unified framework for consistent construction of BPMN and BPEL process views. Concurrency Computation Practice and Experience, 2020, 32, e5646.	2.2	4
44	Supporting Relative Workflows with Web Services. Lecture Notes in Computer Science, 2006, , 680-691.	1.3	4
45	Enhancing Business Process Automation by Integrating RFID Data and Events. Lecture Notes in Computer Science, 2009, , 255-272.	1.3	3
46	Reusing artifact-centric business process models: a behavioral consistent specialization approach. Computing (Vienna/New York), 2020, 102, 1843-1879.	4.8	2
47	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
48	CorPN: managing instance correspondence in collaborative business processes. Distributed and Parallel Databases, 2011, 29, 309-332.	1.6	1
49	Financier-Led Asset Lease Model. Lecture Notes in Computer Science, 2010, , 14-15.	1.3	1
50	Dynamic service contracting for on-demand asset delivery. Electronic Commerce Research, 2014, 14, 661-682.	5.0	0
51	Introduction to the First Workshop on Collaborative Business Processes (CBP 2007). Lecture Notes in Computer Science, 2008, , 181-184.	1.3	0
52	Introduction to the Second Workshop on Collaborative Business Processes (CBP 2008). Lecture Notes in Business Information Processing, 2009, , 557-560.	1.0	0
53	Towards Dynamic Collaborations in Virtual Organization Alliances. , 2010, , 297-321.		0
54	Introduction to the Third International Workshop on Collaborative Business Processes (CBP 2009). Lecture Notes in Business Information Processing, 2010, , 293-294.	1.0	0

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55	Towards Dynamic Collaborations in Virtual Organization Alliances. , 2010, , 1663-1685.		0
56	Object Oriented Business Process Modelling in RFID Applied Computing Environments. , 2011, , 367-384.		0
57	Towards Effective Teaching in Project Management. Advances in IT Personnel and Project Management, 2015, , 168-182.	0.3	0
58	Transactional Properties of Complex Web Services. , 0, , 21-34.		0
59	Integrating Real-time Analytics and Situational Awareness into Business Process Management. , 2021, , .		0