Haiyan Zhao

List of Publications by Year
in descending order

45 papers	1,468 citations	394421 19 h-index	395702 33 g-index
47 all docs	47 docs citations	47 times ranked	1397 citing authors

#	Article	IF	Citations
1	Massive Shape Formation in Grid Environments. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1745-1759.	5.2	1
2	Laser Direct‐Write Sensors on Carbon‐Fiber‐Reinforced Poly‐Ether–Ether–Ketone for Smart Orthopedic Implants. Advanced Science, 2022, 9, e2105499.	11.2	10
3	Massive self-organized shape formation in grid environments. Science China Information Sciences, 2022, 65, 1.	4.3	2
4	Targeting Requirements Violations of Autonomous Driving Systems by Dynamic Evolutionary Search. , 2021, , .		19
5	Controlling the fluoridophilicity of sulfonium boranes via chelation, Coulombic and hydrophobic effects. Tetrahedron, 2019, 75, 1123-1129.	1.9	5
6	Endogenous Stimuli-Responsive Nucleus-Targeted Nanocarrier for Intracellular mRNA Imaging and Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 39524-39531.	8.0	29
7	Integrating Goal Model into Rule-Based Adaptation. , 2016, , .		2
8	A Framework for Synchronization Between Feature Configurations and Use Cases Based on Bidirectional Programming. , 2016, , .		3
9	Synthesis of ZnO inverse opals with high crystalline quality by a three-dimensional colloidal crystal template-assisted hydrothermal method over a seed layer. CrystEngComm, 2016, 18, 7780-7786.	2.6	11
10	Simultaneous determination of doxorubicin and its dipeptide prodrug in mice plasma by HPLC with fluorescence detection. Journal of Pharmaceutical Analysis, 2016, 6, 199-202.	5.3	20
11	A Feature-Driven Approach to Automated Class Diagram Construction. , 2015, , .		0
12	Tyrosinase inhibitor screening in traditional Chinese medicines by electrophoretically mediated microanalysis. Journal of Separation Science, 2015, 38, 2887-2892.	2.5	29
13	TDL. , 2014, , .		9
14	Stigmergy-Based Collaborative Conceptual Modeling. , 2014, , .		1
15	Screening of neuraminidase inhibitors from traditional Chinese medicine by transverse diffusion mediated capillary microanalysis. Biomicrofluidics, 2014, 8, 052003.	2.4	14
16	Screening of neuraminidase inhibitors from traditional Chinese medicines by integrating capillary electrophoresis with immobilized enzyme microreactor. Journal of Chromatography A, 2014, 1340, 139-145.	3.7	53
17	Study on pharmacokinetic and tissue distribution of lycorine in mice plasma and tissues by liquid chromatography–mass spectrometry. Talanta, 2014, 119, 401-406.	5.5	18
18	An HPLC-ESI-MS method for analysis of loureirin A and B in dragon's blood and application in pharmacokinetics and tissue distribution in rats. FÃ¬toterapÃ¬Ã¢, 2013, 86, 149-158.	2.2	10

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19	Supporting feature model refinement with updatable view. Frontiers of Computer Science, 2013, 7, 257-271.	2.4	2
20	Lewis acidic behavior of B(C$_6$Cl$_5$)$_3$. Dalton Transactions, 2013, 42, 608-610.	3.3	39
21	Anion capture and sensing with cationic boranes: on the synergy of Coulombic effects and onium ion-centred Lewis acidity. Dalton Transactions, 2013, 42, 8164.	3.3	127
22	Feature-oriented stigmergy-based collaborative requirements modeling: an exploratory approach for requirements elicitation and evolution based on web-enabled collective intelligence. Science China Information Sciences, 2013, 56, 1-18.	4.3	3
23	Screening of aromatase inhibitors in traditional Chinese medicines by electrophoretically mediated microanalysis in a partially filled capillary. Journal of Separation Science, 2013, 36, 2691-2697.	2.5	24
24	Mining binary constraints in the construction of feature models. , 2012, , .		10
25	MbFM: A matrix-based tool for modeling and configuring feature models. , 2012, , .		1
26	On the Synergy of Coulombic and Chelate Effects in Bidentate Diboranes: Synthesis and Anion Binding Properties of a Cationic 1,8-Diborylnaphthalene. Organometallics, 2012, 31, 2327-2335.	2.3	58
27	Nucleophilic Fluorination Reactions Starting from Aqueous Fluoride Ion Solutions. Organic Letters, 2011, 13, 1444-1446.	4.6	50
28	A sandwich complex of trimesitylborane Mes3B: synthesis, characterization and anion binding properties of Mes2B[(Î·6-Mes)FeCp]+. New Journal of Chemistry, 2011, 35, 2299.	2.8	31
29	Turnâ€On Fluorescence Sensing of Cyanide Ions in Aqueous Solution at Partsâ€perâ€Billion Concentrations. Chemistry - A European Journal, 2011, 17, 2057-2062.	3.3	135
30	Binary-Search Based Verification of Feature Models. Lecture Notes in Computer Science, 2011, , 4-19.	1.3	4
31	A bidentate Lewis acid with a telluronium ion as an anion-binding site. Nature Chemistry, 2010, 2, 984-990.	13.6	182
32	A Dynamic-Priority Based Approach to Fixing Inconsistent Feature Models. Lecture Notes in Computer Science, 2010, , 181-195.	1.3	6
33	Stabilization of zwitterionic aryltrifluoroborates against hydrolysis. Chemical Communications, 2010, 46, 6380.	4.1	33
34	Sulfonium Boranes for the Selective Capture of Cyanide Ions in Water. Angewandte Chemie - International Edition, 2009, 48, 4957-4960.	13.8	162
35	A Use Case Based Approach to Feature Models' Construction. , 2009, , .		17
36	Dual-Container: Extending the EJB2.x Container to Support EJB3.0. , 2009, , .		1

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37	An Optimization Strategy to Feature Modelsâ€™ Verification by Eliminating Verification-Irrelevant Features and Constraints. Lecture Notes in Computer Science, 2009, , 65-75.	1.3	15
38	Feature-driven requirement dependency analysis and high-level software design. Requirements Engineering, 2006, 11, 205-220.	3.1	50
39	A metamodel for modeling system features and their refinement, constraint and interaction relationships. Software and Systems Modeling, 2006, 5, 172-186.	2.7	13
40	A software architecture centric engineering approach for Internetware. Science in China Series F: Information Sciences, 2006, 49, 702-730.	1.1	38
41	Identification of Crosscutting Requirements Based on Feature Dependency Analysis. , 2006, , .		5
42	An approach to constructing feature models based on requirements clustering. , 2005, , .		67
43	A feature-oriented approach to modeling requirements dependencies. , 2005, , .		43
44	A Propositional Logic-Based Method for Verification of Feature Models. Lecture Notes in Computer Science, 2004, , 115-130.	1.3	45
45	Online adaptation for autonomous unmanned systems driven by requirements satisfaction model. Software and Systems Modeling, 0, , 1.	2.7	0