

Haiyan Zhao

List of Publications by Year in descending order

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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	A bidentate Lewis acid with a telluronium ion as an anion-binding site. <i>Nature Chemistry</i> , 2010, 2, 984-990.	13.6	182
2	Sulfonium Boranes for the Selective Capture of Cyanide Ions in Water. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4957-4960.	13.8	162
3	Turn-On Fluorescence Sensing of Cyanide Ions in Aqueous Solution at Parts-per-Billion Concentrations. <i>Chemistry - A European Journal</i> , 2011, 17, 2057-2062.	3.3	135
4	Anion capture and sensing with cationic boranes: on the synergy of Coulombic effects and onium ion-centred Lewis acidity. <i>Dalton Transactions</i> , 2013, 42, 8164.	3.3	127
5	An approach to constructing feature models based on requirements clustering. , 2005, , .		67
6	On the Synergy of Coulombic and Chelate Effects in Bidentate Diboranes: Synthesis and Anion Binding Properties of a Cationic 1,8-Diborylnaphthalene. <i>Organometallics</i> , 2012, 31, 2327-2335.	2.3	58
7	Screening of neuraminidase inhibitors from traditional Chinese medicines by integrating capillary electrophoresis with immobilized enzyme microreactor. <i>Journal of Chromatography A</i> , 2014, 1340, 139-145.	3.7	53
8	Feature-driven requirement dependency analysis and high-level software design. <i>Requirements Engineering</i> , 2006, 11, 205-220.	3.1	50
9	Nucleophilic Fluorination Reactions Starting from Aqueous Fluoride Ion Solutions. <i>Organic Letters</i> , 2011, 13, 1444-1446.	4.6	50
10	A Propositional Logic-Based Method for Verification of Feature Models. <i>Lecture Notes in Computer Science</i> , 2004, , 115-130.	1.3	45
11	A feature-oriented approach to modeling requirements dependencies. , 2005, , .		43
12	Lewis acidic behavior of B(C ₆ Cl ₅) ₃ . <i>Dalton Transactions</i> , 2013, 42, 608-610.	3.3	39
13	A software architecture centric engineering approach for Internetware. <i>Science in China Series F: Information Sciences</i> , 2006, 49, 702-730.	1.1	38
14	Stabilization of zwitterionic aryltrifluoroborates against hydrolysis. <i>Chemical Communications</i> , 2010, 46, 6380.	4.1	33
15	A sandwich complex of trimesitylborane Mes ₃ B: synthesis, characterization and anion binding properties of Mes ₂ B[(<i>i</i> -6-Mes)FeCp] ⁺ . <i>New Journal of Chemistry</i> , 2011, 35, 2299.	2.8	31
16	Tyrosinase inhibitor screening in traditional Chinese medicines by electrophoretically mediated microanalysis. <i>Journal of Separation Science</i> , 2015, 38, 2887-2892.	2.5	29
17	Endogenous Stimuli-Responsive Nucleus-Targeted Nanocarrier for Intracellular mRNA Imaging and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39524-39531.	8.0	29
18	Screening of aromatase inhibitors in traditional Chinese medicines by electrophoretically mediated microanalysis in a partially filled capillary. <i>Journal of Separation Science</i> , 2013, 36, 2691-2697.	2.5	24

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19	Simultaneous determination of doxorubicin and its dipeptide prodrug in mice plasma by HPLC with fluorescence detection. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 199-202.	5.3	20
20	Targeting Requirements Violations of Autonomous Driving Systems by Dynamic Evolutionary Search. , 2021, , .		19
21	Study on pharmacokinetic and tissue distribution of lycorine in mice plasma and tissues by liquid chromatography–mass spectrometry. <i>Talanta</i> , 2014, 119, 401-406.	5.5	18
22	A Use Case Based Approach to Feature Models' Construction. , 2009, , .		17
23	An Optimization Strategy to Feature Modelsâ€™ Verification by Eliminating Verification-Irrelevant Features and Constraints. <i>Lecture Notes in Computer Science</i> , 2009, , 65-75.	1.3	15
24	Screening of neuraminidase inhibitors from traditional Chinese medicine by transverse diffusion mediated capillary microanalysis. <i>Biomicrofluidics</i> , 2014, 8, 052003.	2.4	14
25	A metamodel for modeling system features and their refinement, constraint and interaction relationships. <i>Software and Systems Modeling</i> , 2006, 5, 172-186.	2.7	13
26	Synthesis of ZnO inverse opals with high crystalline quality by a three-dimensional colloidal crystal template-assisted hydrothermal method over a seed layer. <i>CrystEngComm</i> , 2016, 18, 7780-7786.	2.6	11
27	Mining binary constraints in the construction of feature models. , 2012, , .		10
28	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. <i>FÃ–totherapÃ–</i> , 2013, 86, 149-158.	2.2	10
29	Laser Directâ€‘Write Sensors on Carbonâ€‘Fiberâ€‘Reinforced Polyâ€‘Etherâ€‘Ketone for Smart Orthopedic Implants. <i>Advanced Science</i> , 2022, 9, e2105499.	11.2	10
30	TDL. , 2014, , .		9
31	A Dynamic-Priority Based Approach to Fixing Inconsistent Feature Models. <i>Lecture Notes in Computer Science</i> , 2010, , 181-195.	1.3	6
32	Identification of Crosscutting Requirements Based on Feature Dependency Analysis. , 2006, , .		5
33	Controlling the fluoridophilicity of sulfonium boranes via chelation, Coulombic and hydrophobic effects. <i>Tetrahedron</i> , 2019, 75, 1123-1129.	1.9	5
34	Binary-Search Based Verification of Feature Models. <i>Lecture Notes in Computer Science</i> , 2011, , 4-19.	1.3	4
35	Feature-oriented stigmergy-based collaborative requirements modeling: an exploratory approach for requirements elicitation and evolution based on web-enabled collective intelligence. <i>Science China Information Sciences</i> , 2013, 56, 1-18.	4.3	3
36	A Framework for Synchronization Between Feature Configurations and Use Cases Based on Bidirectional Programming. , 2016, , .		3

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37	Supporting feature model refinement with updatable view. <i>Frontiers of Computer Science</i> , 2013, 7, 257-271.	2.4	2
38	Integrating Goal Model into Rule-Based Adaptation. , 2016, , .		2
39	Massive self-organized shape formation in grid environments. <i>Science China Information Sciences</i> , 2022, 65, 1.	4.3	2
40	Dual-Container: Extending the EJB2.x Container to Support EJB3.0. , 2009, , .		1
41	MbFM: A matrix-based tool for modeling and configuring feature models. , 2012, , .		1
42	Stigmergy-Based Collaborative Conceptual Modeling. , 2014, , .		1
43	Massive Shape Formation in Grid Environments. <i>IEEE Transactions on Automation Science and Engineering</i> , 2023, 20, 1745-1759.	5.2	1
44	A Feature-Driven Approach to Automated Class Diagram Construction. , 2015, , .		0
45	Online adaptation for autonomous unmanned systems driven by requirements satisfaction model. <i>Software and Systems Modeling</i> , 0, , 1.	2.7	0