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1 **A Novel Prefix-Aggregation Based Distributed Management Scheme for PMIPv6**
Li-Li Wang ; Shuai Gao ; Hua-Chun Zhou ; Hong-Ke Zhang ; Han-Chieh Chao
PMIPv6 ; Distributed ; Mobility management ; Prefix aggregation ; Multicast mobility

2 **Virtual Network Embedding with Survivable Routing**
Sen Su ; Xiang Cheng ; Zhong-Bao Zhang ; Pei Qie ; Fang-Chun Yang
Network virtualization ; Virtual network embedding ; Survivable routing ; Cut-set aware

3 **Using SLA Strategy to Design an SOC Platform in Data Center on the Cloud Computing**
Shin-Jer Yang
SOC ; IS ; SLA ; Data centers ; Cloud computing

4 **Query Representation with Global Consistency on User Click Graphs**
Da-Qiang Zhang ; Rong-Bo Zhu ; Shuai-Qiu Men ; Vaskar Raychoudhury
Query representation ; Inverse Query ; Bipartie graphs ; Click Graphs

5 **Web Design System Based on Neural Networks for Strength and Mixing Proportion Prediction of RAC**
Gwang-Hee Kim ; Jae-Yong Lee ; Tae-Hui Kim ; Yoon-Seok Shin ; Myung-Houn Jang ; Hee-Bok Choi
Web-based design system ; Neural networks ; Recycled aggregate concrete ; Compressive strength prediction ; Mixing proportion prediction

6 **Modeling and Computer Simulation of Gas Solubility in Polysiloxane Material**
Fei Nie ; Gao-Hong He ; Wei Zhao ; Ming Tan ; Yuan-Fa Liu
Computer simulation ; GCMC ; Microstructure ; Polymer

7 **The Deployment and Implementation of Two Spliced Alignment Tools in a Grid Environment**
Fang-Rong Hsu ; Wei-Chung Shia ; Wei-Cheng Hsueh
Spliced alignment tool ; Grid computing ; Sequence alignment

8 **Matsearch: A Search Engine in Materials Science Distributed Data-Intensive Environment**
Yang Li ; Chang-Jun Hu ; Ji-Lin Zhang
Search engine ; Materials science data ; Segmentation ; Lucene

9 **Model-Based Data-Intensive Service Abstraction Refinement**
Yu-Yu Yin ; Hong-Hao Gao ; Dong-Jin Yu
Data-intensive service ; Model checking ; Spurious counterexample ; Abstraction refinement

10 **Parallel Optimization for Data-Intensive Service Composition**
Shui-Guang Deng ; Long-Tao Huang ; Bin Wu ; Li-Rong Xiong
Data-intensive service ; Service composition ; Prallel optimization