

<b>Stability of Synthetic Calcium Silicate Hydrate Gels in Presence of Alkalies, Aluminum, and Soluble Silica</b>	<b>52</b>
I. García-Lodeiro, A. Fernández-Jiménez, D. E. Macphee, I. Sobrados, J. Sanz, and A. Palomo	
<hr/>	
<b>Molecular Dynamics Study of Interaction Between Corrosion Inhibitors, Nanoparticles, and Other Minerals in Hydrated Cement</b>	<b>58</b>
Yajun Liu and Xianming Shi	
<hr/>	
<b>Modeling Nanoindentation of Calcium Silicate Hydrate</b>	<b>67</b>
Mei Qiang Chandler, J. F. Peters, and D. Pelessone	
<hr/>	
<b>Molecular Dynamics to Understand the Mechanical Behavior of Cement Paste</b>	<b>75</b>
Shanique Julie Murray, Vikramraja Janakiram Subramani, R. Panneer Selvam, and Kevin D. Hall	
<hr/>	
<b>Scanning Transmission X-Ray Microscopic Study of Carbonated Calcium Silicate Hydrate</b>	<b>83</b>
J. Ha, S. Chae, K. W. Chou, T. Tylliszczak, and P. J. M. Monteiro	
<hr/>	
<b>Distribution of Carbon Nanofibers and Nanotubes in Cementitious Composites</b>	<b>89</b>
Ardavan Yazdanbakhsh, Zachary Grasley, Bryan Tyson, and Rashid K. Abu Al-Rub	
<hr/>	
<b>Direct Synthesis of Carbon Nanofibers on Cement Particles</b>	<b>96</b>
Larisa I. Nasibulina, Ilya V. Anoshkin, Sergey D. Shandakov, Albert G. Nasibulin, Andrzej Cwirzen, Prasantha R. Mudimela, Karin Habermehl-Cwirzen, Jari E. M. Malm, Tatiana S. Koltsova, Ying Tian, Ekaterina S. Vasilieva, Vesa Penttila, Oleg V. Tolochko, Maarit J. Karppinen, and Esko I. Kauppinen	
<hr/>	
<b>Strength Enhancement of Cement Mortar with Carbon Nanotubes: Early Results and Potential</b>	<b>102</b>
Tanvir Manzur and Nur Yazdani	
<hr/>	
<b>Performance of Carbon Nanofiber–Cement Composites with a High-Range Water Reducer</b>	<b>109</b>
Catherine Gay and Florence Sanchez	
<hr/>	
<b>Carbon Nanofiber–Reinforced Cement-Based Materials</b>	<b>114</b>
Zoi S. Metaxa, Maria S. Konsta-Gdoutos, and Surendra P. Shah	
<hr/>	
<b>Nanoengineering Ultra-High-Performance Concrete with Multiwalled Carbon Nanotubes</b>	<b>119</b>
Kay Wille and Kenneth J. Loh	