Xiao Cheng Zeng Bibliography (April 2016)

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## Xiao Cheng Zeng Bibliography (April 2016)

**Summary Table of Major Publications (397)**

<table>
<thead>
<tr>
<th>High-Profile Journals (Impact-Factor &gt;7.5)</th>
<th>Number</th>
<th>Other High-impact Journals (Impact-Factor &gt;5)</th>
<th>Number</th>
<th>High-quality Physical Chemistry, Physics, Nanoscience Journals</th>
<th>Number</th>
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<tbody>
<tr>
<td>Nature</td>
<td>2</td>
<td>ACS Catalysis</td>
<td>5</td>
<td>J. Chem. Phys.</td>
<td>89</td>
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<tr>
<td>Science</td>
<td>1</td>
<td>Chemistry of Materials</td>
<td>2</td>
<td>J. Phys. Chem. A/B/C</td>
<td>45</td>
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<tr>
<td>J. Am. Chem. Soc. (JACS)</td>
<td>41</td>
<td>ACS Appl. Mater. &amp; Inter.</td>
<td>2</td>
<td>Langmuir</td>
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<td>Nano Letters</td>
<td>11</td>
<td>Advanced Science</td>
<td>1</td>
<td>RSC Advances</td>
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<td>Advanced Materials</td>
<td>4</td>
<td>Nano Research</td>
<td>3</td>
<td>Nanotechnology</td>
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<td>ACS Nano</td>
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<td>Organic Lett.</td>
<td>3</td>
<td>Chem. Phys. Lett.</td>
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<td>Energy &amp; Environ. Science</td>
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<td>Scientific Reports</td>
<td>3</td>
<td>J. Appl. Phys.</td>
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<td>Acc. Chem. Res.</td>
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<td>Mol. Simulation</td>
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<td>Microfluidic Nanofluidic</td>
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<td><strong>110</strong></td>
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<td><strong>total</strong></td>
<td><strong>212</strong></td>
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News Media Featuring Publications (31)

I. Publications on Nano Ice, Water, Hydrophobic Interactions (16)


3


II. Publications on Gold Clusters and Other Nanostructures (15)


Publications on Au Clusters (51)


Publications on Solar Cell, H₂ Storage, CO₂ Storage Research (13)


**Publications in Nano Science (115)**


**Publications on Si Clusters (18)**

S. Yoo, N. Shao, and X.C. Zeng, "Structures and relative stability of medium and large-sized silicon clusters VI. Fullerene cage motifs for low-lying clusters $\text{Si}_{39}$, $\text{Si}_{40}$, $\text{Si}_{50}$, $\text{Si}_{60}$, $\text{Si}_{70}$ and $\text{Si}_{80}$," *J. Chem. Phys.* **128**, 104316 (2008).


Y. Pei and X.C. Zeng, "Exohedral Silicon Fullerenes: $\text{Si}_{60}\text{Pn}_{60}$ and $\text{Si}_{80}\text{Pn}_{80}$ (Pn = P,As,Sb and Bi)," *J. Clust. Sci.* **22**, 343-354 (2011).


**Publications on Ag, Al, B, C, Ge, H_{2}O, Organic Molecule Clusters (45)**


Publications on Interfaces/Phase Transition/Liquids (110)


11 Most Cited Graduate/Postdoc Publications on Interfaces/Nucleation/Phase Transition/Composites


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