

computational molecular dynamics challenges pdf

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Computational science - Wikipedia

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Computational Materials Science - Journal - Elsevier

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Fluid mechanics - Wikipedia

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Cheng-Da Wu and Wen-Xiang Jiang J. Comput. Theor. Nanosci. 14, 5151-5154 (2017)

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Fig. 1. Applications of surface-modified nanoparticles and, more broadly, nanostructures. Functional nanoparticle-surfactant combinations are involved in medical applications, structural materials, energy conversion processes, catalysts, as well as in cleaning and purification systems.

Nanoparticle decoration with surfactants: Molecular

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Considering the K_i values, L-NMA concentrations to inhibit NOSes effectively ranged from 10 to 100 $\mu\text{mol/L}$ for an experiment with extracts or purified enzymes (Table 1). When treating cells and tissues, the effective concentration ranged from 0.1 to 10 mmol/L . L-NMA is of low toxicity and very stable.

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