Stacking of purines in water: the role of dipolar interactions in caffeine

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Physical Chemistry Chemical Physics, 2016, 18, 13478-86.

#	Paper	IF	Citations
22	Stacking and Branching in Self-Aggregation of Caffeine in Aqueous Solution: From the Supramolecular to Atomic Scale Clustering. *Journal of Physical Chemistry B*, **2016**, 120, 9987-96	3.4	15
21	Action of Caffeine as an Amyloid Inhibitor in the Aggregation of A16-22 Peptides. *Journal of Physical Chemistry B*, **2016**, 120, 9019-33	3.4	35
20	Biophysical Viscosity: Thermodynamic Principles of Per Capita Chemical Potentials in Human Populations. *ACS Omega*, **2017**, 2, 2878-2882	3.9	
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15	Raman spectra of aqueous uracil stacked dimer: First principle molecular dynamics simulation. *Chemical Physics Letters*, **2018**, 713, 15-20	2.5	2
14	Prediction of self-assembly of adenosine analogues in solution: a computational approach validated by isothermal titration calorimetry. *Physical Chemistry Chemical Physics*, **2019**, 21, 4258-4267	3.6	8
13	Crowding and conformation interplay on human DNA G-quadruplex by ultraviolet resonant Raman scattering. *Physical Chemistry Chemical Physics*, **2019**, 21, 2093-2101	3.6	11
12	Miscibility and sustained release of drug from cellulose acetate butyrate/caffeine films. *Journal of Drug Delivery Science and Technology*, **2020**, 55, 101472	4.5	5
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9	Absorption spectra of xanthines in aqueous solution: a computational study. *Physical Chemistry Chemical Physics*, **2020**, 22, 5929-5941	3.6	12
8	Chemical Changes of Wood Treated with Caffeine. *Materials*, **2021**, 14,	3.5	7
7	Caffeine removal from aqueous media by adsorption: An overview of adsorbents evolution and the kinetic, equilibrium and thermodynamic studies. *Science of the Total Environment*, **2021**, 767, 144229	10.2	19
6	A Review of Caffeine Adsorption Studies onto Various Types of Adsorbents. *Scientific World Journal, The*, **2021**, 2021, 9998924	2.2	2

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2	The Non-Classical Crystallization Mechanism of a Composite Biogenic Guanine Crystal. *Advanced Materials*, 2202242	24	1
1	Imidazole-Based Monomer as Functional Unit for the Specific Detection of Paraxanthine in Aqueous Environments. **2022**, 10, 301		