

# Francois G Amar

## List of Publications by Year in descending order

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28  
papers

1,232  
citations

430874

18  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymers and Cross-Linking: A <b>CORE</b> Experiment To Help Students Think on the Submicroscopic Level. Journal of Chemical Education, 2016, 93, 1599-1605.	2.3	5
2	The influence of zinc(ii) on thioredoxin/glutathione disulfide exchange: QM/MM studies to explore how zinc(ii) accelerates exchange in higher dielectric environments. Metallomics, 2015, 7, 1265-1273.	2.4	3
3	Paying Attention to Gesture when Students Talk Chemistry: Interactional Resources for Responsive Teaching. Journal of Chemical Education, 2015, 92, 11-22.	2.3	43
4	Students'™ Understanding of Analogy after a CORE (Chemical Observations, Representations,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 92, 1626-1638.	2.3	18
5	Structure, dynamic and energetic of mixed transition metal clusters. European Physical Journal D, 2012, 66, 1.	1.3	5
6	Whispering gallery mode emission generated in tunable quantum dot doped glycerol/water and ionic liquid/water microdroplets formed on a superhydrophobic coating. Journal of Materials Chemistry, 2011, 21, 10823.	6.7	9
7	Mechanism of Hydrodeoxygenation of Acrolein on a Cluster Model of MoO<sub>3</sub>. Journal of Physical Chemistry C, 2010, 114, 13782-13795.	3.1	76
8	Composition of tungsten oxide bronzes active for hydrodeoxygenation. Applied Catalysis A: General, 2010, 388, 86-95.	4.3	25
9	InterChemNet: Integrating Instrumentation, Management, and Assessment in the General Chemistry Laboratory Course. Journal of Chemical Education, 2006, 83, 494.	2.3	11
10	Simulating the photoelectron spectra of rare-gas clusters. Journal of Chemical Physics, 2005, 122, 244717.	3.0	29
11	Surface Heterogeneity and Diffusion in the Desorption of Methanol from WO3(001) Surfaces. Journal of Physical Chemistry A, 2003, 107, 1413-1423.	2.5	12
12	Structural motifs and stability of small argon-™nitrogen clusters. Journal of Chemical Physics, 2003, 119, 9021-9029.	3.0	11
13	On the use of evaporation dynamics to characterize phase transitions in van der Waals clusters: investigations in aniline-™(argon) up to n=15. Chemical Physics, 1998, 239, 121-138.	1.9	18
14	Structure, Dynamics, and Spectroscopy of Aniline-™(Argon)n Clusters. 1. Experimental Spectra and Interpretation for n = 1-™6. Journal of Physical Chemistry A, 1997, 101, 122-138.	2.5	42
15	Isomer specific evaporation rates: The case of aniline-™Ar2. Journal of Chemical Physics, 1996, 104, 983-991.	3.0	20
16	Quantum calculation of vibrational states in the aniline-™argon van der Waals cluster. Journal of Chemical Physics, 1993, 98, 2709-2719.	3.0	40
17	Absolute classical densities of states for very anharmonic systems and applications to the evaporation of rare gas clusters. Journal of Chemical Physics, 1993, 98, 4967-4983.	3.0	149
18	Spectral shifts and structural classes in microsolutions of rare gas clusters containing a molecular chromophore. Journal of Chemical Physics, 1990, 93, 4884-4897.	3.0	95

#	ARTICLE	IF	CITATIONS
19	Charge localization in negative ion dynamics: Effect on caging of Br <sup>-</sup> 2 in Ar <sub>n</sub> and (CO <sub>2</sub> ) <sub>n</sub> clusters. Journal of Chemical Physics, 1989, 90, 7354-7368.	3.0	79
20	The shapes of first-stage sinters. Journal of Applied Physics, 1989, 65, 3219-3225.	2.5	27
21	Two-versus three-dimensional melting and spontaneous reversing isomerization in isolated SF <sub>6</sub> -(Ar) <sub>9</sub> van der Waals clusters. Chemical Physics Letters, 1988, 152, 14-22.	2.6	24
22	Minimum Energy Structures of Br <sub>2</sub> - Ar <sub>N</sub> Clusters: Implications for Dynamics. , 1987, , 207-212.		2
23	The onset of nonrigid dynamics and the melting transition in Ar <sub>7</sub> . Journal of Chemical Physics, 1986, 85, 5943-5954.	3.0	197
24	Reaction dynamics and the cage effect in microclusters of bromine-argon (Br <sub>2</sub> Ar <sub>n</sub> ). The Journal of Physical Chemistry, 1984, 88, 6720-6727.	2.9	91
25	Melting and surface tension in microclusters. Journal of Chemical Physics, 1983, 78, 399-408.	3.0	121
26	Correlation diagrams for rigid and nonrigid three-body systems. Journal of Chemical Physics, 1980, 73, 2387-2404.	3.0	38
27	Correlation diagrams for rigid and nonrigid four-body systems. Journal of Chemical Physics, 1979, 70, 1973-1985.	3.0	38
28	The uncatalyzed gas phase hydrochlorination of alkenes II. Allene. Tetrahedron Letters, 1974, 15, 3037-3040.	1.4	4