

# Andriy Pysanenko

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heterogeneous Reactions of Methane with Cl Radicals on Large ArN Clusters. Journal of Physical Chemistry A, 2022, 126, 249-258.	2.5	1
2	Bimolecular reactions on sticky and slippery clusters: Electron-induced reactions of hydrogen peroxide. Journal of Chemical Physics, 2022, 156, 054306.	3.0	5
3	Effect of Hydration on Electron Attachment to Methanesulfonic Acid Clusters. Journal of Physical Chemistry A, 2022, 126, 1542-1550.	2.5	1
4	Uptake of Hydrogen Bonding Molecules by Benzene Nanoparticles. Journal of Physical Chemistry Letters, 2022, 13, 3781-3788.	4.6	7
5	Stability of pyruvic acid clusters upon slow electron attachment. Physical Chemistry Chemical Physics, 2021, 23, 4317-4325.	2.8	2
6	Pickup and reactions of molecules on clusters relevant for atmospheric and interstellar processes. Physical Chemistry Chemical Physics, 2021, 23, 3195-3213.	2.8	30
7	Generation of (H <sub>2</sub> O) <sub>2</sub> N clusters on argon and ice nanoparticles. International Journal of Mass Spectrometry, 2021, 461, 116514.	1.5	5
8	Water-Assisted Electron-Induced Chemistry of the Nanofabrication Precursor Iron Pentacarbonyl. Journal of Physical Chemistry A, 2021, 125, 1919-1926.	2.5	3
9	Ion and radical chemistry in (H <sub>2</sub> O) <sub>2</sub> N clusters. Physical Chemistry Chemical Physics, 2020, 22, 15312-15320.	2.8	7
10	Oxidation Enhances Aerosol Nucleation: Measurement of Kinetic Pickup Probability of Organic Molecules on Hydrated Acid Clusters. Journal of Physical Chemistry Letters, 2020, 11, 2101-2105.	4.6	8
11	Photochemistry of Amylene Double Bond in Clusters on Free Argon Nanoparticles. Journal of Physical Chemistry A, 2020, 124, 3038-3047.	2.5	2
12	Ionization of carboxylic acid clusters in the gas phase and on free ArN and (H <sub>2</sub> O) <sub>2</sub> N nanoparticles: valeric acid as a model for small carboxylic acids. Physical Chemistry Chemical Physics, 2019, 21, 19201-19208.	2.8	6
13	Proton Transfer Reactions between Methanol and Formic Acid Deposited on Free ArN Nanoparticles. Journal of Physical Chemistry A, 2019, 123, 7201-7209.	2.5	8
14	Ring Formation and Hydration Effects in Electron Attachment to Misonidazole. International Journal of Molecular Sciences, 2019, 20, 4383.	4.1	11
15	Proton transfer from pinene stabilizes water clusters. Physical Chemistry Chemical Physics, 2019, 21, 13925-13933.	2.8	5
16	Ionization of Ammonia Nanoices with Adsorbed Methanol Molecules. Journal of Physical Chemistry A, 2018, 122, 8458-8468.	2.5	8
17	Clustering of Uracil Molecules on Ice Nanoparticles. Journal of Physical Chemistry A, 2017, 121, 1069-1077.	2.5	8
18	Water cluster fragmentation probed by pickup experiments. Journal of Chemical Physics, 2016, 145, 104304.	3.0	16

#	ARTICLE	IF	CITATIONS
19	Photochemistry of Nitrophenol Molecules and Clusters: Intra- vs Intermolecular Hydrogen Bond Dynamics. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4139-4146.	2.5	13
20	Biomolecule Analogues 2-Hydroxypyridine and 2-Pyridone Base Pairing on Ice Nanoparticles. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4720-4730.	2.5	11
21	Sodium doping and reactivity in pure and mixed ice nanoparticles*. <i>European Physical Journal D</i> , 2015, 69, 1.	1.3	10
22	Reactivity of Hydrated Electron in Finite Size System: Sodium Pickup on Mixed N <sub>2</sub> O "Water Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2865-2869.	4.6	17
23	Lack of Aggregation of Molecules on Ice Nanoparticles. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8991-8999.	2.5	28
24	Extensive water cluster fragmentation after low energy electron ionization. <i>Chemical Physics Letters</i> , 2014, 612, 256-261.	2.6	46
25	Clustering and Photochemistry of Freon CF <sub>2</sub> Cl <sub>2</sub> on Argon and Ice Nanoparticles. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4740-4749.	2.5	23
26	Survival probability of slow ions colliding with room-temperature and heated surfaces of beryllium. <i>Molecular Physics</i> , 2012, 110, 1669-1673.	1.7	4
27	Nucleation of Mixed Nitric Acid "Water Ice Nanoparticles in Molecular Beams that Starts with a HNO <sub>3</sub> Molecule. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3096-3101.	4.6	40
28	Photochemistry of HI on argon and water nanoparticles: Hydronium radical generation in HI·(H <sub>2</sub> O) <sub>n</sub> . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2250-2258.	2.8	20
29	Collisions of Slow Ions C <sub>3</sub> H <sub>n</sub> <sup>+</sup> and C <sub>3</sub> D <sub>n</sub> <sup>+</sup> (n = 2-8) with Room Temperature Carbon Surfaces: Mass Spectra of Product Ions and the Ion Survival Probability. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 335-343.	1.0	9