Andriy Pysanenko

List of Publications by Year in descending order

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29	354	840776 11	839539 18
papers	citations	h-index	g-index

29	29	29	279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extensive water cluster fragmentation after low energy electron ionization. Chemical Physics Letters, 2014, 612, 256-261.	2.6	46
2	Nucleation of Mixed Nitric Acidâ€“Water Ice Nanoparticles in Molecular Beams that Starts with a HNO₃ Molecule. Journal of Physical Chemistry Letters, 2012, 3, 3096-3101.	4.6	40
3	Pickup and reactions of molecules on clusters relevant for atmospheric and interstellar processes. Physical Chemistry Chemical Physics, 2021, 23, 3195-3213.	2.8	30
4	Lack of Aggregation of Molecules on Ice Nanoparticles. Journal of Physical Chemistry A, 2015, 119, 8991-8999.	2.5	28
5	Clustering and Photochemistry of Freon CF₂Cl₂ on Argon and Ice Nanoparticles. Journal of Physical Chemistry A, 2014, 118, 4740-4749.	2.5	23
6	Photochemistry of HI on argon and waternanoparticles: Hydronium radical generation in HIÂ·(H₂O)_n. Physical Chemistry Chemical Physics, 2011, 13, 2250-2258.	2.8	20
7	Reactivity of Hydrated Electron in Finite Size System: Sodium Pickup on Mixed N₂Oâ€“Water Nanoparticles. Journal of Physical Chemistry Letters, 2015, 6, 2865-2869.	4.6	17
8	Water cluster fragmentation probed by pickup experiments. Journal of Chemical Physics, 2016, 145, 104304.	3.0	16
9	Photochemistry of Nitrophenol Molecules and Clusters: Intra- vs Intermolecular Hydrogen Bond Dynamics. Journal of Physical Chemistry A, 2016, 120, 4139-4146.	2.5	13
10	Biomolecule Analogues 2-Hydroxypyridine and 2-Pyridone Base Pairing on Ice Nanoparticles. Journal of Physical Chemistry A, 2016, 120, 4720-4730.	2.5	11
11	Ring Formation and Hydration Effects in Electron Attachment to Misonidazole. International Journal of Molecular Sciences, 2019, 20, 4383.	4.1	11
12	Sodium doping and reactivity in pure and mixed ice nanoparticles*. European Physical Journal D, 2015, 69, 1.	1.3	10
13	Collisions of Slow Ions C₃H_n⁺ and C₃D_n⁺ (n = 2â€“8) with Room Temperature Carbon Surfaces: Mass Spectra of Product Ions and the Ion Survival Probability. European Journal of Mass Spectrometry, 2008, 14, 335-343.	1.0	9
14	Clustering of Uracil Molecules on Ice Nanoparticles. Journal of Physical Chemistry A, 2017, 121, 1069-1077.	2.5	8
15	Ionization of Ammonia Nanoices with Adsorbed Methanol Molecules. Journal of Physical Chemistry A, 2018, 122, 8458-8468.	2.5	8
16	Proton Transfer Reactions between Methanol and Formic Acid Deposited on Free Ar_N Nanoparticles. Journal of Physical Chemistry A, 2019, 123, 7201-7209.	2.5	8
17	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
18	Ion and radical chemistry in (H₂O₂)_N clusters. Physical Chemistry Chemical Physics, 2020, 22, 15312-15320.	2.8	7

#	Article	IF	Citations
19	Uptake of Hydrogen Bonding Molecules by Benzene Nanoparticles. Journal of Physical Chemistry Letters, 2022, 13, 3781-3788.	4.6	7
20	Ionization of carboxylic acid clusters in the gas phase and on free ArN and (H2O)N nanoparticles: valeric acid as a model for small carboxylic acids. Physical Chemistry Chemical Physics, 2019, 21, 19201-19208.	2.8	6
21	Proton transfer from pinene stabilizes water clusters. Physical Chemistry Chemical Physics, 2019, 21, 13925-13933.	2.8	5
22	Generation of (H2O2)N clusters on argon and ice nanoparticles. International Journal of Mass Spectrometry, 2021, 461, 116514.	1.5	5
23	Bimolecular reactions on sticky and slippery clusters: Electron-induced reactions of hydrogen peroxide. Journal of Chemical Physics, 2022, 156, 054306.	3.0	5
24	Survival probability of slow ions colliding with room-temperature and heated surfaces of beryllium. Molecular Physics, 2012, 110, 1669-1673.	1.7	4
25	Water-Assisted Electron-Induced Chemistry of the Nanofabrication Precursor Iron Pentacarbonyl. Journal of Physical Chemistry A, 2021, 125, 1919-1926.	2.5	3
26	Photochemistry of Amylene Double Bond in Clusters on Free Argon Nanoparticles. Journal of Physical Chemistry A, 2020, 124, 3038-3047.	2.5	2
27	Stability of pyruvic acid clusters upon slow electron attachment. Physical Chemistry Chemical Physics, 2021, 23, 4317-4325.	2.8	2
28	Heterogeneous Reactions of Methane with Cl Radicals on Large ArN Clusters. Journal of Physical Chemistry A, 2022, 126, 249-258.	2.5	1
29	Effect of Hydration on Electron Attachment to Methanesulfonic Acid Clusters. Journal of Physical Chemistry A, 2022, 126, 1542-1550.	2.5	1