Yoshiharu Suzuki

List of Publications by Year
in descending order

		759233	752698
22 papers	623 citations	12 h-index	20 g-index
22 all docs	22 docs citations	22 times ranked	421 citing authors

#	Article	IF	Citations
1	Propagation of the polyamorphic transition of ice and the liquidâ€“liquid critical point. Nature, 2002, 419, 599-603.	27.8	179
2	Vitrification of emulsified liquid water under pressure. Journal of Chemical Physics, 2001, 115, 4199-4202.	3.0	92
3	Two Distinct Raman Profiles of Glassy Dilute LiCl Solution. Physical Review Letters, 2000, 85, 1322-1325.	7.8	70
4	Experimentally proven liquid-liquid critical point of dilute glycerol-water solution at 150 K. Journal of Chemical Physics, 2014, 141, 094505.	3.0	46
5	Raman spectroscopic study of glassy water in dilute lithium chloride aqueous solution vitrified under pressure. Journal of Chemical Physics, 2002, 117, 1673-1676.	3.0	30
6	Sudden switchover between the polyamorphic phase separation and the glass-to-liquid transition in glassy LiCl aqueous solutions. Journal of Chemical Physics, 2013, 138, 084507.	3.0	28
7	Evidence of pressure-induced amorphization of tetrahydrofuran clathrate hydrate. Physical Review B, 2004, 70, .	3.2	25
8	Polarized Raman spectroscopic study of relaxed high density amorphous ices under pressure. Journal of Chemical Physics, 2010, 133, 164508.	3.0	21
9	Differences between pressure-induced densification of LiClâ€“H₂O glass and polyamorphic transition of H₂O. Journal of Physics Condensed Matter, 2009, 21, 155105.	1.8	19
10	Raman Study of the Annealing Effect of Low-Density Glassy Waters. Journal of the Physical Society of Japan, 2003, 72, 3128-3131.	1.6	18
11	Effect of solute nature on the polyamorphic transition in glassy polyol aqueous solutions. Journal of Chemical Physics, 2017, 147, 064511.	3.0	13
12	Experimental estimation of the location of liquid-liquid critical point for polyol aqueous solutions. Journal of Chemical Physics, 2018, 149, 204501.	3.0	12
13	Polarized Raman spectroscopic study on the solvent state of glassy LiCl aqueous solutions and the state of relaxed high-density amorphous ices. Journal of Chemical Physics, 2011, 134, 244511.	3.0	11
14	Direct observation of reversible liquidâ€“liquid transition in a trehalose aqueous solution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
15	Effect of water polyamorphism on the molecular vibrations of glycerol in its glassy aqueous solutions. Journal of Chemical Physics, 2016, 145, 024501.	3.0	10
16	Effect of OH groups on the polyamorphic transition of polyol aqueous solutions. Journal of Chemical Physics, 2019, 150, 224508.	3.0	10
17	Raman spectroscopic study of hyperquenched glassy water in the presence of different non-ionic solutes. Chemical Physics Letters, 2001, 335, 357-362.	2.6	9
18	Slow Crystal Growth of Cubic Ice with Stacking Faults in a Glassy Dilute Glycerol Aqueous Solution. Journal of Physical Chemistry Letters, 2020, 11, 9432-9438.	4.6	8

#	Article	IF	Citations
19	Raman spectroscopy of isotopically pure and diluted highâ€and lowâ€density amorphous ices. Journal of Raman Spectroscopy, 2022, 53, 1773-1784.	2.5	6
20	Non-segregated crystalline state of dilute glycerol aqueous solution. Journal of Chemical Physics, 2020, 152, 144501.	3.0	5
21	Aqueous Solutions and Water Polyamorphism. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2016, 26, 315-322.	0.0	0
22	Polyamorphism of Glassy Glycerol-Water Solutions. Nihon Kessho Gakkaishi, 2016, 58, 30-35.	0.0	0