

Yoshiharu Suzuki

List of Publications by Year in descending order

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papers

623
citations

759233

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752698

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g-index

22
all docs

22
docs citations

22
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of reversible liquid-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
2	Raman spectroscopy of isotopically pure and diluted high- and low-density amorphous ices. Journal of Raman Spectroscopy, 2022, 53, 1773-1784.	2.5	6
3	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
4	Non-segregated crystalline state of dilute glycerol aqueous solution. Journal of Chemical Physics, 2020, 152, 144501.	3.0	5
5	Effect of OH groups on the polyamorphic transition of polyol aqueous solutions. Journal of Chemical Physics, 2019, 150, 224508.	3.0	10
6	Experimental estimation of the location of liquid-liquid critical point for polyol aqueous solutions. Journal of Chemical Physics, 2018, 149, 204501.	3.0	12
7	Effect of solute nature on the polyamorphic transition in glassy polyol aqueous solutions. Journal of Chemical Physics, 2017, 147, 064511.	3.0	13
8	Aqueous Solutions and Water Polyamorphism. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2016, 26, 315-322.	0.0	0
9	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
10	Polyamorphism of Glassy Glycerol-Water Solutions. Nihon Kessho Gakkaishi, 2016, 58, 30-35.	0.0	0
11	Experimentally proven liquid-liquid critical point of dilute glycerol-water solution at 150 K. Journal of Chemical Physics, 2014, 141, 094505.	3.0	46
12	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
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	Polarized Raman spectroscopic study of relaxed high density amorphous ices under pressure. Journal of Chemical Physics, 2010, 133, 164508.	3.0	21
15	Differences between pressure-induced densification of LiCl-H ₂ O glass and polyamorphic transition of H ₂ O. Journal of Physics Condensed Matter, 2009, 21, 155105.	1.8	19
16	Evidence of pressure-induced amorphization of tetrahydrofuran clathrate hydrate. Physical Review B, 2004, 70, .	3.2	25
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Propagation of the polyamorphic transition of ice and the liquidâ€“liquid critical point. Nature, 2002, 419, 599-603.	27.8	179
20	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
21	Vitrification of emulsified liquid water under pressure. Journal of Chemical Physics, 2001, 115, 4199-4202.	3.0	92
22	Two Distinct Raman Profiles of Glassy Dilute LiCl Solution. Physical Review Letters, 2000, 85, 1322-1325.	7.8	70