

Ayano Chiba

List of Publications by Year in descending order

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17
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#	ARTICLE	IF	CITATIONS
1	Vibrational, single-particle-like, and diffusive dynamics in liquid Se, Te, and Te ₅₀ Se ₅₀ . Journal of Chemical Physics, 2003, 119, 9047-9062.	3.0	23
2	Pressure-induced structural change of intermediate-range order in poly(4-methyl-1-pentene) melt. Physical Review E, 2012, 85, 021807.	2.1	21
3	Pressure-induced suppression of the Peierls distortion of liquid As and $\langle \cos(\mathbf{r} \cdot \mathbf{G}) \rangle$. Physical Review B, 2009, 80, .	3.2	16
4	Confined Space Enables Spontaneous Liquid Separation by Molecular Size: Selective Absorption of Alkanes into a Polyolefin Cast Film. Langmuir, 2019, 35, 17177-17184.	3.5	7
5	Quasielastic Neutron Scattering of Liquid Te ₅₀ Se ₅₀ in the Semiconductor-to-Metal Transition Range. Journal of the Physical Society of Japan, 2002, 71, 504-508.	1.6	6
6	Structural Changes of Short- and Intermediate-Range Order in Liquid Arsenic under Pressure. Journal of the Physical Society of Japan, 2015, 84, 094602.	1.6	5
7	Analysis of the optic-type collective mode in liquid selenium to determine the local structure. Physical Review B, 2008, 77, .	3.2	3
8	Isotactic poly(4-methyl-1-pentene) melt as a porous liquid: Reduction of compressibility due to penetration of pressure medium. Journal of Chemical Physics, 2017, 146, 194503.	3.0	3
9	Intensity distribution profile of double Bragg scattering in the small-angle region from highly oriented pyrolytic graphite. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 681-698.	0.1	3
10	Pressure-Induced Structural Changes in Liquid Ge ₃₃ Te ₆₇ and Liquid Ge ₁₅ Te ₈₅ . Journal of the Physical Society of Japan, 2010, 79, 064604.	1.6	1
11	Structurally different amorphous solids of isotactic poly(4-methyl-1-pentene) and an apparently press-working-induced amorphization. Journal of Molecular Liquids, 2014, 200, 28-31.	4.9	1
12	X-ray Compton Scattering Study of Liquid Germanium and Tin. Journal of the Physical Society of Japan, 2017, 86, 124703.	1.6	1
13	Dynamic structure of liquid Se, Te and Se-Te mixtures by neutron scattering measurements. AIP Conference Proceedings, 2004, .	0.4	0
14	Intermediate-Range Order in Structurally Disordered Systems. Nihon Kessho Gakkaishi, 2016, 58, 48-53.	0.0	0
15	Selective Molecular Absorption from Low Molecular Weight Mixed Solution to a Polymer P4MP1 Film. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2021, 31, 82-89.	0.0	0
16	Streak Patterns Observed in Small Angle X-Ray Scattering from Highly Oriented Pyrolytic Graphite (HOPG). Zeitschrift Fur Physikalische Chemie, 2021, 235, 37-57.	2.8	0