

Adam J Vogt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6438339/publications.pdf>

Version: 2024-02-01

10
papers

390
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	A structural signature of liquid fragility. Nature Communications, 2014, 5, 4616.	12.8	168
2	High energy x-ray scattering studies of the local order in liquid Al. Journal of Chemical Physics, 2011, 135, 044502.	3.0	46
3	Anomalous thermal contraction of the first coordination shell in metallic alloy liquids. Journal of Chemical Physics, 2014, 140, 044505.	3.0	31
4	Measurements of structural and chemical order in $Zr_{80}P_{20}$ metallic liquid. Applied Physics Letters, 2014, 104, .	3.2	26
5	Thermal expansion measurements by x-ray scattering and breakdown of Ehrenfest's relation in alloy liquids. Applied Physics Letters, 2014, 104, .	3.3	25
6	Anomalous structural evolution in Cu ₅₀ Zr ₅₀ glass-forming liquids. Applied Physics Letters, 2013, 103, .	3.3	23
7	Electrostatic levitation facility optimized for neutron diffraction studies of high temperature liquids at a spallation neutron source. Review of Scientific Instruments, 2016, 87, 013904.	1.3	22
8	Anomalous structural evolution and liquid fragility signatures in Cu–Zr and Cu–Hf liquids and glasses. Acta Materialia, 2013, 61, 7411-7421.	7.9	21
9	Structural evolution and thermophysical properties of Zr _x Ni _{100-x} metallic liquids and glasses. Journal of Non-Crystalline Solids, 2014, 405, 211-218.	3.1	20
10	Metastable phase selection from undercooled Zr ₇₇ Rh ₂₃ liquid alloys. Journal of Alloys and Compounds, 2017, 725, 1217-1222.	5.5	8