Maria Antonietta Ricci

List of Publications by Citations

168 papers	6,354 citations	40 h-index	75 g-index
175 ext. papers	6,707 ext. citations	3.4 avg, IF	5.54 L-index

#	Paper	IF	Citations
168	Structures of high-density and low-density water. *Physical Review Letters*, **2000**, 84, 2881-4	7.4	529
167	Site□site pair correlation functions of water from 25 to 400 °C: Revised analysis of new and old diffraction data. *Journal of Chemical Physics*, **1997**, 106, 247-254	3.9	512
166	Hydration of sodium, potassium, and chloride ions in solution and the concept of structure maker/breaker. *Journal of Physical Chemistry B*, **2007**, 111, 13570-7	3.4	477
165	Perturbation of water structure due to monovalent ions in solution. *Physical Chemistry Chemical Physics*, **2007**, 9, 2959-67	3.6	265
164	Analysis of the hydrogen-bonded structure of water from ambient to supercritical conditions. *Journal of Chemical Physics*, **1998**, 108, 8528-8540	3.9	165
163	Layer analysis of the structure of water confined in vycor glass. *Journal of Chemical Physics*, **2002**, 116, 342	3.9	138
162	Water confined in Vycor glass. I. A neutron diffraction study. *Journal of Chemical Physics*, **1998**, 109, 1478-1485	3.9	137
161	Ions in water: the microscopic structure of concentrated NaOH solutions. *Journal of Chemical Physics*, **2004**, 120, 10154-62	3.9	125
160	A molecular dynamics simulation of water confined in a cylindrical SiO2 pore. *Journal of Chemical Physics*, **1998**, 108, 9859-9867	3.9	118
159	Water confined in Vycor glass. II. Excluded volume effects on the radial distribution functions. *Journal of Chemical Physics*, **1998**, 109, 1486-1494	3.9	118
158	Ions in water: the microscopic structure of a concentrated HCl solution. *Journal of Chemical Physics*, **2004**, 121, 7840-8	3.9	105
157	Ions in water: the microscopic structure of concentrated hydroxide solutions. *Journal of Chemical Physics*, **2005**, 122, 194509	3.9	104
156	Neutron diffraction studies of H2O/D2O at supercritical temperatures. A direct determination of gHH(r), gOH(r), and gOO(r). *Journal of Chemical Physics*, **1994**, 101, 6210-6215	3.9	101
155	NIMROD: The Near and InterMediate Range Order Diffractometer of the ISIS second target station. *Review of Scientific Instruments*, **2010**, 81, 033905	1.7	99
154	Water above its boiling point: Study of the temperature and density dependence of the partial pair correlation functions. I. Neutron diffraction experiment. *Journal of Chemical Physics*, **1994**, 101, 4123-4132	3.9	89
153	Modifications of the hydrogen bond network of liquid water in a cylindrical SiO2 pore. *Journal of Molecular Liquids*, **2000**, 85, 127-137	6	85
152	Excess of proton mean kinetic energy in supercooled water. *Physical Review Letters*, **2008**, 100, 127802	7.4	77

151	Aqueous solutions of divalent chlorides: ions hydration shell and water structure. *Journal of Chemical Physics*, **2012**, 136, 064520	3.9	74
150	Neutron diffraction study of high density supercritical water. *Journal of Chemical Physics*, **1998**, 109, 3180-3184	3.9	73
149	Structure of 2 molar NaOH in aqueous solution from neutron diffraction and empirical potential structure refinement. *Physical Review B*, **2006**, 74,	3.3	72
148	Solvation of hydroxyl ions in water. *Journal of Chemical Physics*, **2003**, 119, 5001-5004	3.9	70
147	High-resolution low-frequency Raman spectra of liquid H2O and D2O. *Journal of Chemical Physics*, **1990**, 93, 7767-7773	3.9	70
146	Water and trehalose: how much do they interact with each other?. *Journal of Physical Chemistry B*, **2010**, 114, 4904-8	3.4	69
145	The bacterial aetiology of rosy discoloration of ancient wall paintings. *Environmental Microbiology*, **2007**, 9, 2894-902	5.2	69
144	Water in confined geometries: experiments and simulations. *Journal of Physics Condensed Matter*, **2000**, 12, A345-A350	1.8	69
143	Theoretical and computer-simulation study of the density fluctuations in liquid water. *Physical Review A*, **1989**, 40, 7226-7238	2.6	69
142	The three-dimensional structure of water confined in nanoporous vycor glass. *Journal of Physical Chemistry B*, **2007**, 111, 5610-20	3.4	67
141	Microscopic structure of low temperature liquid ammonia: A neutron diffraction experiment. *Journal of Chemical Physics*, **1995**, 102, 7650-7655	3.9	67
140	Multiscale approach to the structural study of water confined in MCM41. *Journal of Physical Chemistry B*, **2009**, 113, 16169-77	3.4	64
139	Eigen versus Zundel complexes in HCl-water mixtures. *Journal of Chemical Physics*, **2006**, 125, 014508	3.9	61
138	Structural characterization of NaOH aqueous solution in the glass and liquid states. *Journal of Chemical Physics*, **2001**, 114, 8056-8063	3.9	61
137	Proton quantum coherence observed in water confined in silica nanopores. *Journal of Chemical Physics*, **2007**, 127, 154501	3.9	59
136	Percolation and three-dimensional structure of supercritical water. *Physical Review E*, **2008**, 78, 021505	2.4	54
135	Solvation shell of OH□ ions in water. *Journal of Molecular Liquids*, **2005**, 117, 81-84	6	54
134	Controversial Evidence on the Point of Minimum Density in Deeply Supercooled Confined Water. *Journal of Physical Chemistry Letters*, **2010**, 1, 1277-1282	6.4	52

133	"Similarities" between confined and supercooled water. *Faraday Discussions*, **2009**, 141, 347-58; discussion 443-65	3.6	50
132	Water structure around trehalose. *Chemical Physics*, **2008**, 345, 159-163	2.3	49
131	Non-exponential kinetic behaviour of confined water. *Europhysics Letters*, **2000**, 49, 183-188	1.6	49
130	Neutron-scattering measurements of wave-vector-dependent hydrogen density of states in liquid water. *Physical Review A*, **1988**, 37, 2580-2589	2.6	48
129	Structural study of low concentration LiCl aqueous solutions in the liquid, supercooled, and hyperquenched glassy states. *Journal of Chemical Physics*, **2011**, 134, 024515	3.9	44
128	Raman spectra of water in the translational and librational regions. *Molecular Physics*, **1989**, 67, 19-31	1.7	39
127	A molecular dynamics study of the OH stretching vibrational spectrum of liquid water. *Chemical Physics Letters*, **1986**, 132, 165-172	2.5	38
126	Raman spectra of water in the translational and librational regions. *Molecular Physics*, **1987**, 61, 1199-1212	1.7	38
125	Viscosity of aqueous solutions and local microscopic structure. *Journal of Physical Chemistry B*, **2011** , 115, 14008-13	3.4	37
124	Proton dynamics in supercritical water. *Journal of Chemical Physics*, **2001**, 115, 11243-11248	3.9	37
123	Water-peptide site-specific interactions: a structural study on the hydration of glutathione. *Biophysical Journal*, **2014**, 106, 1701-9	2.9	36
122	Dynamical behavior of microgels of interpenetrated polymer networks. *Soft Matter*, **2017**, 13, 5185-5193	3.6	35
121	Light and neutron scattering studies of the OH stretching band in liquid and supercritical water. *Journal of Chemical Physics*, **1998**, 108, 450-454	3.9	35
120	Raman spectra of water in the translational region. *Chemical Physics Letters*, **1987**, 133, 381-384	2.5	35
119	Solvation of KSCN in water. *Journal of Physical Chemistry B*, **2009**, 113, 10014-21	3.4	34
118	Temperature evolution of single particle correlation functions of liquid water. *Journal of Chemical Physics*, **1990**, 92, 2540-2547	3.9	34
117	Low-frequency Raman spectra of liquid water: A molecular dynamics simulation. *Chemical Physics Letters*, **1989**, 159, 383-387	2.5	32
116	Collective dynamical properties of liquid water. *Physical Review Letters*, **1988**, 61, 1958-1961	7.4	30

115	Solvation shell of H+ ions in water. *Journal of Molecular Liquids*, **2005**, 117, 77-79	6	29
114	Low frequency scattering excess in supercooled confined water. *Journal of Chemical Physics*, **2001**, 114, 10010-10014	3.9	29
113	Experimental determination of the site□site radial distribution functions of supercooled ultrapure bulk water. *Journal of Chemical Physics*, **2002**, 117, 6196-6199	3.9	29
112	Raman spectra of water in the translational and librational region. *Molecular Physics*, **1987**, 62, 1467-1481	1.7	29
111	Orientational correlations in liquid and supercritical CO2: neutron diffraction experiments and molecular dynamics simulations. *Molecular Physics*, **2001**, 99, 301-308	1.7	28
110	Induced contributions in the rayleigh spectra of water: A molecular dynamics simulation. *Chemical Physics Letters*, **1987**, 141, 297-300	2.5	28
109	Probing water dynamics with OH□*Chemical Physics*, **2007**, 336, 183-187	2.3	27
108	Ion hydration under pressure. *Physical Review Letters*, **2003**, 91, 165505	7.4	27
107	Multiple relaxation processes versus the fragile-to-strong transition in confined water. *Physical Chemistry Chemical Physics*, **2011**, 13, 19773-9	3.6	26
106	Multiparameter approach to quantum phase estimation with limited visibility. *Optica*, **2018**, 5, 1171	8.6	25
105	Methodological aspects of SANS and TOF neutron diffraction measurements on pottery: the case of Miseno and Cuma. *Journal of Archaeological Science*, **2006**, 33, 307-319	2.9	24
104	Hydration of Caffeine at High Temperature by Neutron Scattering and Simulation Studies. *Journal of Physical Chemistry B*, **2015**, 119, 13294-301	3.4	22
103	Orientational correlations and hydrogen bonding in liquid hydrogen chloride. *Journal of Chemical Physics*, **1997**, 107, 214-221	3.9	22
102	Unpredicted density dependence of hydrogen bonding in water found by neutron diffraction. *Physical Review B*, **1996**, 54, 11876-11879	3.3	22
101	The colours of Etruscan painting: a study on the Tomba dell'Orco in the necropolis of Tarquinia. *Journal of Raman Spectroscopy*, **2008**, 39, 1035-1041	2.3	21
100	Neutron diffraction study of the partial pair correlation functions of liquid hydrogen sulphide. *Molecular Physics*, **1991**, 73, 407-415	1.7	21
99	Neutron Diffraction Study of Water At High Temperature. *Europhysics Letters*, **1992**, 19, 385-389	1.6	21
98	Influence of concentration and anion size on hydration of H+ ions and water structure. *Journal of Physical Chemistry B*, **2009**, 113, 4075-81	3.4	20

97	Evidence of glassy behaviour of water molecules in confined states. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **1999**, 79, 1923-1930		20
96	Isotropic induced scattering in liquid H2S. *Molecular Physics*, **1983**, 50, 1083-1087	1.7	20
95	The free volume theory and the Macedo-Litovitz hybrid equation for diffusion in liquids. *The Journal of Physical Chemistry*, **1977**, 81, 171-177		20
94	Structure-activity relationships in carbohydrates revealed by their hydration. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 1486-1493	4	19
93	Isotope quantum effects on the water proton mean kinetic energy. *Physical Review Letters*, **2011**, 106, 255502	7.4	19
92	Raman, FT-IR and XRD investigation of natural opals. *Journal of Raman Spectroscopy*, **2016**, 47, 1444-1451	2.3	18
91	Protection against Dehydration: A Neutron Diffraction Study on Aqueous Solutions of a Model Peptide and Trehalose. *Journal of Physical Chemistry B*, **2018**, 122, 10291-10295	3.4	18
90	Trehalose in Water Revisited. *Journal of Physical Chemistry B*, **2018**, 122, 7365-7374	3.4	18
89	Glucose and Mannose: A Link between Hydration and Sweetness. *Journal of Physical Chemistry B*, **2017**, 121, 7771-7776	3.4	17
88	DOMUS AUREA, THE SALA DELLE MASCHERE CHEMICAL AND SPECTROSCOPIC INVESTIGATIONS ON THE FRESCO PAINTINGS. *Archaeometry*, **2012**, 54, 1060-1075	1.6	17
87	Hydrogen Bond Length as a Key To Understanding Sweetness. *Journal of Physical Chemistry Letters*, **2018**, 9, 3667-3672	6.4	17
86	A new water anomaly: the temperature dependence of the proton mean kinetic energy. *Journal of Chemical Physics*, **2009**, 130, 236101	3.9	16
85	Depolarized Rayleigh scattering in water up to supercritical conditions. *Journal of Chemical Physics*, **1995**, 102, 6975-6981	3.9	16
84	Neutron diffraction from liquid hydrogen bromide: Study of the orientational correlations. *Physical Review B*, **1994**, 49, 3811-3820	3.3	16
83	Raman spectra of water in the translational and librational regions. *Journal of Physics Condensed Matter*, **1990**, 2, SA183-SA187	1.8	16
82	Raman investigations on marker pen inks. *Journal of Raman Spectroscopy*, **2012**, 43, 1781-1787	2.3	15
81	Neutron-diffraction study of liquid iodine. *Physical Review A*, **1991**, 44, 5018-5024	2.6	15
80	Study of percolation and clustering in supercritical water-CO2 mixtures. *Journal of Chemical Physics*, **2008**, 128, 164504	3.9	14

79	Jumping between water polymorphs. *Physica A: Statistical Mechanics and Its Applications*, **2002**, 304, 43-52	3.3	14
78	Raman and time of flight secondary ion mass spectrometry investigation answers specific conservation questions on Bosch painting Saint Wilgefortis Triptych. *Journal of Raman Spectroscopy* , **2019**, 50, 150-160	2.3	14
77	Quantum sensing for dynamical tracking of chemical processes. *Physical Review A*, **2019**, 99,	2.6	13
76	Local structure of temperature and pH-sensitive colloidal microgels. *Journal of Chemical Physics*, **2015**, 143, 114904	3.9	13
75	Isotopic effect on the aging dynamics of a charged colloidal system. *RSC Advances*, **2012**, 2, 11111	3.7	12
74	Water structure in supercritical mixtures of water and rare gases. *Journal of Chemical Physics*, **2003**, 118, 235-241	3.9	12
73	Chemical-bond spectroscopy with neutrons. *Physical Review A*, **1986**, 34, 1714-1719	2.6	12
72	Studies of water in confinement by experiments and simulations. *European Physical Journal Special Topics*, **2000**, 10, Pr7-187-Pr7-193		12
71	Structural studies of confined liquids: The case of water confined in MCM-41. *Journal of Molecular Liquids*, **2011**, 159, 42-46	6	11
70	Inelasticity effects in the neutron diffraction measurements from water steam using pulsed sources. *Journal of Molecular Liquids*, **1995**, 64, 221-240	6	11
69	Neutron diffraction study of heavy water steam. *Molecular Physics*, **1994**, 81, 217-225	1.7	11
68	Hydrogen distribution in ice Ih. *Journal of Physics C: Solid State Physics*, **1982**, 15, 1-8		11
67	Hydration and aggregation of a simple amino acid: The case of glycine. *Journal of Molecular Liquids*, **2020**, 301, 112407	6	11
66	Raman, SEM-EDS and XRPD investigations on pre-Columbian Central America "estucado" pottery. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 156, 47-53	4.4	10
65	Pietropaolo et al. Reply:. *Physical Review Letters*, **2009**, 103,	7.4	10
64	Percolation and clustering in supercritical aqueous fluids. *Journal of Physics Condensed Matter*, **2008** , 20, 494208	1.8	10
63	Brillouin and Raman scattering from liquid water. *Journal of Molecular Structure*, **1992**, 270, 287-299	3.4	10
62	A procedure for multiple scattering corrections in a neutron incoherent inelastic scattering experiment. *Nuclear Instruments & Methods in Physics Research B*, **1989**, 36, 216-221	1.2	10

61	Thyroid cancer diagnosis by Raman spectroscopy. *Scientific Reports*, **2020**, 10, 13342	4.9	10
60	Role of Water in Sucrose, Lactose, and Sucralose Taste: The Sweeter, The Wetter?. *ACS Omega*, **2019**, 4, 22392-22398	3.9	10
59	Microscopic structure of water in a water/oil emulsion. *Journal of Chemical Physics*, **2013**, 138, 204503	3.9	9
58	Rovibrational Raman spectra and polarizability constants of the H2S molecule. *Molecular Physics*, **1985**, 54, 1229-1240	1.7	9
57	Self-diffusion in liquid water. *Journal of Chemical Physics*, **1977**, 66, 5509-5512	3.9	9
56	Ice crystallization observed in highly supercooled confined water. *Physical Chemistry Chemical Physics*, **2019**, 21, 4931-4938	3.6	9
55	The structure of water near a charged crystalline surface. *Journal of Non-Crystalline Solids*, **2015**, 407, 418-422	3.9	8
54	Characterization of an unusual black patina on the Neang Khmau temple (archaeological Khmer area, Cambodia): a multidisciplinary approach. *Journal of Raman Spectroscopy*, **2016**, 47, 1467-1472	2.3	8
53	Identification of endolithic traces on stone monuments and natural outcrops: preliminary evidences. *Journal of Raman Spectroscopy*, **2014**, 45, 1180-1185	2.3	8
52	Quantum effects and the local environment of water hydrogen: Deep inelastic neutron scattering study. *Physical Review B*, **2012**, 86,	3.3	8
51	Diffraction Studies of Liquid Deuterium Sulphide. *Europhysics Letters*, **1989**, 8, 441-446	1.6	8
50	Dynamical correlations in liquid hydrogen sulphide. *Journal of Chemical Physics*, **1990**, 93, 9012-9017	3.9	8
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48	Orientational correlations in liquid hydrogen sulphide. *Molecular Physics*, **1999**, 97, 777-786	1.7	7
47	Evolution of the radial distribution function of liquid iodine along the coexistence curve. *Physical Review B*, **1994**, 50, 6047-6052	3.3	7
46	Qens experiments on the copper liquid crystalline coordination compound (DOBBA)2Cu. *Solid State Communications*, **1991**, 80, 587-590	1.6	7
45	Light scattering evidence of a central component in ice Ih. *Solid State Communications*, **1982**, 42, 493-496	1.6	7
44	Vibrational dynamics of confined supercooled water. *Journal of Chemical Physics*, **2019**, 150, 224504	3.9	6

43	N-Methylacetamide Aqueous Solutions: A Neutron Diffraction Study. *Journal of Physical Chemistry B*, **2019**, 123, 1808-1814	3.4	6
42	Synthesis and Characterization of TEOS Coating Added With Innovative Antifouling Silica Nanocontainers and TiO2 Nanoparticles. *Frontiers in Materials*, **2020**, 7,	4	6
41	Hydration of monosaccharides studied by Raman scattering. *Journal of Raman Spectroscopy*, **2018**, 49, 1066-1075	2.3	6
40	Vibrational density of states in polycrystalline sulphuric acid. *Molecular Physics*, **1989**, 66, 747-755	1.7	6
39	Search for isotope effects in the diffusion of methane in krypton at various densities. *Physical Review A*, **1977**, 15, 2103-2107	2.6	6
38	Neutron diffraction study of aqueous Laponite suspensions at the NIMROD diffractometer. *Physical Review E*, **2014**, 90, 032301	2.4	5
37	CO2–water supercritical mixtures: Test of a potential model against neutron diffraction data. *Journal of Molecular Liquids*, **2007**, 136, 294-299	6	5
36	Aqueous solution of betaine: Hydration and aggregation. *Journal of Molecular Liquids*, **2020**, 318, 114253	6	5
35	Hydration of Carboxyl Groups: A Route toward Molecular Recognition?. *Journal of Physical Chemistry B*, **2020**, 124, 4358-4364	3.4	4
34	OH Stretching Dynamics in Hydroxide Aqueous Solutions. *Journal of Physical Chemistry B*, **2018**, 122, 4077-4082	3.4	4
33	Characterisation of artificial patinas on bronze sculptures of the Carlo Bilotti Museum (Rome). *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	4
32	Ectoine hydration, aggregation and influence on water structure. *Molecular Physics*, **2019**, 117, 3311-3319	1.7	4
31	Proton Momentum Distribution and Diffusion Coefficient in Water: Two Sides of the Same Coin?. *Journal of Physical Chemistry Letters*, **2012**, 3, 2594-7	6.4	4
30	Monte Carlo simulations of the NIMROD diffractometer. *Physica B: Condensed Matter*, **2006**, 385-386, 1070-1072	2.8	4
29	Interaction induced light scattering spectra of amorphous solid and liquid NaOD heavy water solutions. *Canadian Journal of Physics*, **1982**, 60, 88-93	1.1	4
28	Mapping at the nanometer scale the effects of sea-salt derived chlorine on cinnabar and lead white by using delayed image extraction in ToF-SIMS. *Analyst, The*, **2021**, 146, 2392-2399	5	4
27	How safe is to safely enter in the water no-man's land?. *Journal of Molecular Liquids*, **2012**, 176, 39-43	6	3
26	Evolution of past enamel technology and metal conservation issues: the case of two Byzantine style bindings. *Journal of Raman Spectroscopy*, **2012**, 43, 1260-1264	2.3	3

25	Structure and Single Proton Dynamics of Bulk Supercooled Water. *Journal of Molecular Liquids*, **2007**, 136, 236-240	6	3
24	Supercooled confined water and the mode coupling scenario. *Physica A: Statistical Mechanics and Its Applications*, **2002**, 304, 53-58	3.3	3
23	Quantum effects in the structural properties of supercritical 4He. *Physical Review B*, **1994**, 50, 15890-15895	3.7	3
22	Vibrational density of states of the hydrogen sites in hydrogen-bonded molecular solids. *Journal of Molecular Structure*, **1991**, 250, 385-393	3.4	3
21	On the multiple scattering corrections in an inelastic neutron scattering experiment. *Nuclear Instruments & Methods in Physics Research B*, **1991**, 61, 123-126	1.2	3
20	Stretching density of states of the deuterium sites in polycrystalline D2O. *Molecular Physics*, **1991**, 73, 737-743	1.7	3
19	Chemical and spectroscopic investigation of the Raphael cartoon of the School of Athens from the Pinacoteca Ambrosiana. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	3
18	Microscopic structure of the hydrogen-xenon mixture. *Physical Review E*, **1997**, 56, 2993-2999	2.4	2
17	Self-diffusion coefficient in dense-fluid region. *Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods*, **1975**, 28, 287-303		2
16	Raman Spectroscopy Discloses Altered Molecular Profile in Thyroid Adenomas. *Diagnostics*, **2020**, 11,	3.8	2
15	Metabolic profile of human parathyroid adenoma. *Endocrine*, **2020**, 67, 699-707	4	2
14	Hydration of two artificial sweeteners: Possible relevance for their taste. *Journal of Molecular Liquids*, **2020**, 320, 114398	6	2
13	Effectiveness and Compatibility of Nanoparticle Based Multifunctional Coatings on Natural and Man-Made Stones. *Coatings*, **2021**, 11, 480	2.9	2
12	Dating of a unique six-colour relief print by historical and archaeometric methods. *European Physical Journal Plus*, **2019**, 134, 1	3.1	1
11	An archaeometric application of SANS to pottery finds. *Journal of Neutron Research*, **2006**, 14, 3-9	0.5	1
10	Study of the relaxation in supercooled confined water. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **2002**, 82, 507-515		1
9	Rotational Raman spectra of a nearly symmetric rotor. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1983**, 2, 1119-1137		1
8	Neutron Diffraction Study of Water Polymorphism **2002**, 355-366		1

List of Publications

7	Radial Distribution Function of Heavy Water Steam **1994**, 69-72		1
6	Assessment of Stone Protective Coatings with a Novel Eco-Friendly Encapsulated Biocide. *Coatings*, **2021**, 11, 1109	2.9	0
5	Water Proton Environment: A New Water Anomaly at Atomic Scale?. *Advances in Chemical Physics*, **2013**, 175-187		
4	Microscopic structure and gas–gas critical line of the Ar-water system. *Physica B: Condensed Matter*, **2006**, 385-386, 282-284	2.8	
3	Interaction of trehalose and glucose with a peptide β-turn in aqueous solution. *Journal of Molecular Liquids*, **2022**, 349, 118451	6	
2	Light Scattering from Liquid Water **1994**, 205-220		
1	Multiparameter Approach to Dynamic Quantum Phase Estimation. *Proceedings (mdpi)*, **2019**, 12, 55	0.3	