Maria Antonietta Ricci

List of Publications by Year
in descending order

172 papers	7,204 citations	66315 42 h-index	62565 80 g-index
175 all docs	175 docs citations	175 times ranked	5264 citing authors

#	Article	IF	Citations
1	Structures of High-Density and Low-Density Water. Physical Review Letters, 2000, 84, 2881-2884.	2.9	594
2	Hydration of Sodium, Potassium, and Chloride Ions in Solution and the Concept of Structure Maker/Breaker. Journal of Physical Chemistry B, 2007, 111, 13570-13577.	1.2	576
3	Siteâ€“site pair correlation functions of water from 25 to 400â€‰Â°C: Revised analysis of new and old diffraction data. Journal of Chemical Physics, 1997, 106, 247-254.	1.2	556
4	Perturbation of water structure due to monovalent ions in solution. Physical Chemistry Chemical Physics, 2007, 9, 2959.	1.3	303
5	Analysis of the hydrogen-bonded structure of water from ambient to supercritical conditions. Journal of Chemical Physics, 1998, 108, 8528-8540.	1.2	175
6	Water confined in Vycor glass. I. A neutron diffraction study. Journal of Chemical Physics, 1998, 109, 1478-1485.	1.2	148
7	Layer analysis of the structure of water confined in vycor glass. Journal of Chemical Physics, 2002, 116, 342.	1.2	143
8	Ions in water: The microscopic structure of concentrated NaOH solutions. Journal of Chemical Physics, 2004, 120, 10154-10162.	1.2	141
9	A molecular dynamics simulation of water confined in a cylindrical SiO2 pore. Journal of Chemical Physics, 1998, 108, 9859-9867.	1.2	127
10	Water confined in Vycor glass. II. Excluded volume effects on the radial distribution functions. Journal of Chemical Physics, 1998, 109, 1486-1494.	1.2	125
11	Ions in water: The microscopic structure of a concentrated HCl solution. Journal of Chemical Physics, 2004, 121, 7840.	1.2	121
12	NIMROD: The Near and InterMediate Range Order Diffractometer of the ISIS second target station. Review of Scientific Instruments, 2010, 81, 033905.	0.6	119
13	Ions in water: The microscopic structure of concentrated hydroxide solutions. Journal of Chemical Physics, 2005, 122, 194509.	1.2	114
14	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.	1.2	113
15	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.	1.2	99
16	Modifications of the hydrogen bond network of liquid water in a cylindrical SiO2 pore. Journal of Molecular Liquids, 2000, 85, 127-137.	2.3	92
17	The bacterial aetiology of rosy discoloration of ancient wall paintings. Environmental Microbiology, 2007, 9, 2894-2902.	1.8	87
18	Aqueous solutions of divalent chlorides: Ions hydration shell and water structure. Journal of Chemical Physics, 2012, 136, 064520.	1.2	85

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19	Excess of Proton Mean Kinetic Energy in Supercooled Water. Physical Review Letters, 2008, 100, 127802.	2.9	84
20	Water and Trehalose: How Much Do They Interact with Each Other?. Journal of Physical Chemistry B, 2010, 114, 4904-4908.	1.2	80
21	Highâ€resolution lowâ€frequency Raman spectra of liquid H2O and D2O. Journal of Chemical Physics, 1990, 93, 7767-7773.	1.2	79
22	Neutron diffraction study of high density supercritical water. Journal of Chemical Physics, 1998, 109, 3180-3184.	1.2	78
23	Solvation of hydroxyl ions in water. Journal of Chemical Physics, 2003, 119, 5001-5004.	1.2	76
24	Structure of 2 molar NaOH in aqueous solution from neutron diffraction and empirical potential structure refinement. Physical Review B, 2006, 74, .	1.1	75
25	Microscopic structure of low temperature liquid ammonia: A neutron diffraction experiment. Journal of Chemical Physics, 1995, 102, 7650-7655.	1.2	74
26	Water in confined geometries: experiments and simulations. Journal of Physics Condensed Matter, 2000, 12, A345-A350.	0.7	74
27	The Three-Dimensional Structure of Water Confined in Nanoporous Vycor Glass. Journal of Physical Chemistry B, 2007, 111, 5610-5620.	1.2	72
28	Theoretical and computer-simulation study of the density fluctuations in liquid water. Physical Review A, 1989, 40, 7226-7238.	1.0	69
29	Proton quantum coherence observed in water confined in silica nanopores. Journal of Chemical Physics, 2007, 127, 154501.	1.2	68
30	Structural characterization of NaOH aqueous solution in the glass and liquid states. Journal of Chemical Physics, 2001, 114, 8056-8063.	1.2	66
31	Multiscale Approach to the Structural Study of Water Confined in MCM41. Journal of Physical Chemistry B, 2009, 113, 16169-16177.	1.2	66
32	Eigen versus Zundel complexes in HCl-water mixtures. Journal of Chemical Physics, 2006, 125, 014508.	1.2	64
33	Percolation and three-dimensional structure of supercritical water. Physical Review E, 2008, 78, 021505.	0.8	58
34	Controversial Evidence on the Point of Minimum Density in Deeply Supercooled Confined Water. Journal of Physical Chemistry Letters, 2010, 1, 1277-1282.	2.1	57
35	Solvation shell of OHâ^' ions in water. Journal of Molecular Liquids, 2005, 117, 81-84.	2.3	54
36	Water structure around trehalose. Chemical Physics, 2008, 345, 159-163.	0.9	54

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37	Non-exponential kinetic behaviour of confined water. Europhysics Letters, 2000, 49, 183-188.	0.7	52
38	â€œSimilaritiesâ€•between confined and supercooled water. Faraday Discussions, 2009, 141, 347-358.	1.6	52
39	Neutron-scattering measurements of wave-vector-dependent hydrogen density of states in liquid water. Physical Review A, 1988, 37, 2580-2589.	1.0	50
40	Viscosity of Aqueous Solutions and Local Microscopic Structure. Journal of Physical Chemistry B, 2011, 115, 14008-14013.	1.2	45
41	Raman spectra of water in the translational and librational regions. Molecular Physics, 1989, 67, 19-31.	0.8	44
42	Structural study of low concentration LiCl aqueous solutions in the liquid, supercooled, and hyperquenched glassy states. Journal of Chemical Physics, 2011, 134, 024515.	1.2	44
43	Multiparameter approach to quantum phase estimation with limited visibility. Optica, 2018, 5, 1171.	4.8	43
44	Raman spectra of water in the translational region. Chemical Physics Letters, 1987, 133, 381-384.	1.2	40
45	Solvation of KSCN in Water. Journal of Physical Chemistry B, 2009, 113, 10014-10021.	1.2	40
46	Water-Peptide Site-Specific Interactions: A Structural Study on the Hydration of Glutathione. Biophysical Journal, 2014, 106, 1701-1709.	0.2	40
47	A molecular dynamics study of the OH stretching vibrational spectrum of liquid water. Chemical Physics Letters, 1986, 132, 165-172.	1.2	39
48	Raman spectra of water in the translational and librational regions. Molecular Physics, 1987, 61, 1199-1212.	0.8	39
49	Low-frequency Raman spectra of liquid water: A molecular dynamics simulation. Chemical Physics Letters, 1989, 159, 383-387.	1.2	39
50	Dynamical behavior of microgels of interpenetrated polymer networks. Soft Matter, 2017, 13, 5185-5193.	1.2	39
51	Proton dynamics in supercritical water. Journal of Chemical Physics, 2001, 115, 11243-11248.	1.2	38
52	Probing water dynamics with OHâ^'. Chemical Physics, 2007, 336, 183-187.	0.9	37
53	Temperature evolution of single particle correlation functions of liquid water. Journal of Chemical Physics, 1990, 92, 2540-2547.	1.2	36
54	Light and neutron scattering studies of the OH stretching band in liquid and supercritical water. Journal of Chemical Physics, 1998, 108, 450-454.	1.2	36

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55	Orientational correlations in liquid and supercritical CO2: neutron diffraction experiments and molecular dynamics simulations. Molecular Physics, 2001, 99, 301-308.	0.8	35
56	Raman spectra of water in the translational and librational region. Molecular Physics, 1987, 62, 1467-1481.	0.8	32
57	Collective Dynamical Properties of Liquid Water. Physical Review Letters, 1988, 61, 1958-1961.	2.9	32
58	Solvation shell of H+ ions in water. Journal of Molecular Liquids, 2005, 117, 77-79.	2.3	32
59	Experimental determination of the siteâ€“site radial distribution functions of supercooled ultrapure bulk water. Journal of Chemical Physics, 2002, 117, 6196-6199.	1.2	31
60	Ion Hydration under Pressure. Physical Review Letters, 2003, 91, 165505.	2.9	31
61	Induced contributions in the rayleigh spectra of water: A molecular dynamics simulation. Chemical Physics Letters, 1987, 141, 297-300.	1.2	30
62	Orientational correlations and hydrogen bonding in liquid hydrogen chloride. Journal of Chemical Physics, 1997, 107, 214-221.	1.2	29
63	Low frequency scattering excess in supercooled confined water. Journal of Chemical Physics, 2001, 114, 10010-10014.	1.2	29
64	Hydration of Caffeine at High Temperature by Neutron Scattering and Simulation Studies. Journal of Physical Chemistry B, 2015, 119, 13294-13301.	1.2	29
65	Multiple relaxation processes versus the fragile-to-strong transition in confined water. Physical Chemistry Chemical Physics, 2011, 13, 19773.	1.3	28
66	Raman, FTâ€IR and XRD investigation of natural opals. Journal of Raman Spectroscopy, 2016, 47, 1444-1451.	1.2	27
67	Unpredicted density dependence of hydrogen bonding in water found by neutron diffraction. Physical Review B, 1996, 54, 11876-11879.	1.1	26
68	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.	1.2	26
69	Trehalose in Water Revisited. Journal of Physical Chemistry B, 2018, 122, 7365-7374.	1.2	26
70	Neutron diffraction study of the partial pair correlation functions of liquid hydrogen sulphide. Molecular Physics, 1991, 73, 407-415.	0.8	25
71	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.	1.2	25
72	Thyroid cancer diagnosis by Raman spectroscopy. Scientific Reports, 2020, 10, 13342.	1.6	25

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73	Hydrogen Bond Length as a Key To Understanding Sweetness. Journal of Physical Chemistry Letters, 2018, 9, 3667-3672.	2.1	25
74	The free volume theory and the Macedo-Litovitz hybrid equation for diffusion in liquids. The Journal of Physical Chemistry, 1977, 81, 171-177.	2.9	24
75	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.	0.6	23
76	Structure-activity relationships in carbohydrates revealed by their hydration. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1486-1493.	1.1	22
77	Role of Water in Sucrose, Lactose, and Sucralose Taste: The Sweeter, The Wetter?. ACS Omega, 2019, 4, 22392-22398.	1.6	22
78	Isotropic induced scattering in liquid H2S. Molecular Physics, 1983, 50, 1083-1087.	0.8	21
79	Neutron Diffraction Study of Water At High Temperature. Europhysics Letters, 1992, 19, 385-389.	0.7	21
80	Glucose and Mannose: A Link between Hydration and Sweetness. Journal of Physical Chemistry B, 2017, 121, 7771-7776.	1.2	21
81	Neutron diffraction from liquid hydrogen bromide: Study of the orientational correlations. Physical Review B, 1994, 49, 3811-3820.	1.1	20
82	Influence of Concentration and Anion Size on Hydration of H⁺ Ions and Water Structure. Journal of Physical Chemistry B, 2009, 113, 4075-4081.	1.2	20
83	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.	1.2	20
84	Isotope Quantum Effects on the Water Proton Mean Kinetic Energy. Physical Review Letters, 2011, 106, 255502.	2.9	19
85	DOMUS AUREA, THE â€˜SALA DELLE MASCHEREâ€™: CHEMICAL AND SPECTROSCOPIC INVESTIGATIONS ON THE FRESCO PAINTINGS. Archaeometry, 2012, 54, 1060-1075.	0.6	19
86	Raman investigations on marker pen inks. Journal of Raman Spectroscopy, 2012, 43, 1781-1787.	1.2	19
87	Quantum sensing for dynamical tracking of chemical processes. Physical Review A, 2019, 99, .	1.0	19
88	Raman and time of flight secondary ion mass spectrometry investigation answers specific conservation questions on Bosch painting <scp>Saint Wilgefortis Triptych</scp>. Journal of Raman Spectroscopy, 2019, 50, 150-160.	1.2	18
89	Hydration and aggregation of a simple amino acid: The case of glycine. Journal of Molecular Liquids, 2020, 301, 112407.	2.3	18
90	Depolarized Rayleigh scattering in water up to supercritical conditions. Journal of Chemical Physics, 1995, 102, 6975-6981.	1.2	17

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91	A new water anomaly: The temperature dependence of the proton mean kinetic energy. Journal of Chemical Physics, 2009, 130, 236101.	1.2	17
92	Raman spectra of water in the translational and librational regions. Journal of Physics Condensed Matter, 1990, 2, SA183-SA187.	0.7	16
93	Neutron-diffraction study of liquid iodine. Physical Review A, 1991, 44, 5018-5024.	1.0	16
94	Jumping between water polymorphs. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 43-52.	1.2	16
95	Synthesis and Characterization of TEOS Coating Added With Innovative Antifouling Silica Nanocontainers and TiO2 Nanoparticles. Frontiers in Materials, 2020, 7, .	1.2	16
96	Local structure of temperature and pH-sensitive colloidal microgels. Journal of Chemical Physics, 2015, 143, 114904.	1.2	15
97	Aqueous solution of betaine: Hydration and aggregation. Journal of Molecular Liquids, 2020, 318, 114253.	2.3	15
98	Selfâ€diffusion in liquid water. Journal of Chemical Physics, 1977, 66, 5509-5512.	1.2	14
99	Study of percolation and clustering in supercritical water-CO2 mixtures. Journal of Chemical Physics, 2008, 128, 164504.	1.2	14
100	Isotopic effect on the aging dynamics of a charged colloidal system. RSC Advances, 2012, 2, 11111.	1.7	14
101	Chemical-bond spectroscopy with neutrons. Physical Review A, 1986, 34, 1714-1719.	1.0	13
102	Water structure in supercritical mixtures of water and rare gases. Journal of Chemical Physics, 2003, 118, 235-241.	1.2	13
103	Vibrational dynamics of confined supercooled water. Journal of Chemical Physics, 2019, 150, 224504.	1.2	13
104	Ice crystallization observed in highly supercooled confined water. Physical Chemistry Chemical Physics, 2019, 21, 4931-4938.	1.3	13
105	Studies of water in confinement by experiments and simulations. European Physical Journal Special Topics, 2000, 10, Pr7-187-Pr7-193.	0.2	13
106	Neutron diffraction study of heavy water steam. Molecular Physics, 1994, 81, 217-225.	0.8	12
107	Structural studies of confined liquids: The case of water confined in MCM-41. Journal of Molecular Liquids, 2011, 159, 42-46.	2.3	12
108	Characterization of an unusual black patina on the Neang Khmau temple (archaeological Khmer area,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	12

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109	Hydrogen distribution in ice Ih. Journal of Physics C: Solid State Physics, 1982, 15, 1-8.	1.5	11
110	A procedure for multiple scattering corrections in a neutron incoherent inelastic scattering experiment. Nuclear Instruments & Methods in Physics Research B, 1989, 36, 216-221.	0.6	11
111	Brillouin and Raman scattering from liquid water. Journal of Molecular Structure, 1992, 270, 287-299.	1.8	11
112	Inelasticity effects in the neutron diffraction measurements from water steam using pulsed sources. Journal of Molecular Liquids, 1995, 64, 221-240.	2.3	11
113	Pietropaoloet al.Reply:. Physical Review Letters, 2009, 103, .	2.9	11
114	Identification of endolithic traces on stone monuments and natural outcrops: preliminary evidences. Journal of Raman Spectroscopy, 2014, 45, 1180-1185.	1.2	11
115	Raman, SEMâ€"EDS and XRPD investigations on pre-Columbian Central America â€œestucadoâ€•pottery. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 156, 47-53.	2.0	11
116	OH Stretching Dynamics in Hydroxide Aqueous Solutions. Journal of Physical Chemistry B, 2018, 122, 4077-4082.	1.2	11
117	N-Methylacetamide Aqueous Solutions: A Neutron Diffraction Study. Journal of Physical Chemistry B, 2019, 123, 1808-1814.	1.2	11
118	Orientational correlations in liquid hydrogen sulphide. Molecular Physics, 1999, 97, 777-786.	0.8	10
119	Percolation and clustering in supercritical aqueous fluids. Journal of Physics Condensed Matter, 2008, 20, 494208.	0.7	10
120	Microscopic structure of water in a water/oil emulsion. Journal of Chemical Physics, 2013, 138, 204503.	1.2	10
121	Hydration of monosaccharides studied by Raman scattering. Journal of Raman Spectroscopy, 2018, 49, 1066-1075.	1.2	10
122	Rovibrational Raman spectra and polarizability constants of the H2S molecule. Molecular Physics, 1985, 54, 1229-1240.	0.8	9
123	Comment on: â€˜â€˜Raman isosbestic points from liquid waterâ€™â€™ and â€˜â€˜Temperature dependence of the low and high frequency Raman scattering from liquid waterâ€™â€™. Journal of Chemical Physics, 1988, 88, 4553-4555.	1.2	9
124	The structure of water near a charged crystalline surface. Journal of Non-Crystalline Solids, 2015, 407, 418-422.	1.5	9
125	Raman Spectroscopy Discloses Altered Molecular Profile in Thyroid Adenomas. Diagnostics, 2021, 11, 43.	1.3	9
126	Diffraction Studies of Liquid Deuterium Sulphide. Europhysics Letters, 1989, 8, 441-446.	0.7	8

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127	Dynamical correlations in liquid hydrogenâ€“sulphide. Journal of Chemical Physics, 1990, 93, 9012-9017.	1.2	8
128	Quantum effects and the local environment of water hydrogen: Deep inelastic neutron scattering study. Physical Review B, 2012, 86, .	1.1	8
129	Effectiveness and Compatibility of Nanoparticle Based Multifunctional Coatings on Natural and Man-Made Stones. Coatings, 2021, 11, 480.	1.2	8
130	Light scattering evidence of a central component in ice Ih. Solid State Communications, 1982, 42, 493-496.	0.9	7
131	Qens experiments on the copper liquid crystalline coordination compound (DOBBA)2Cu. Solid State Communications, 1991, 80, 587-590.	0.9	7
132	Evolution of the radial distribution function of liquid iodine along the coexistence curve. Physical Review B, 1994, 50, 6047-6052.	1.1	7
133	Neutron diffraction study of aqueous Laponite suspensions at the NIMROD diffractometer. Physical Review E, 2014, 90, 032301.	0.8	7
134	Ectoine hydration, aggregation and influence on water structure. Molecular Physics, 2019, 117, 3311-3319.	0.8	7
135	Hydration of Carboxyl Groups: A Route toward Molecular Recognition?. Journal of Physical Chemistry B, 2020, 124, 4358-4364.	1.2	7
136	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.	1.7	7
137	Search for isotope effects in the diffusion of methane in krypton at various densities. Physical Review A, 1977, 15, 2103-2107.	1.0	6
138	Vibrational density of states in polycrystalline sulphuric acid. Molecular Physics, 1989, 66, 747-755.	0.8	6
139	Assessment of Stone Protective Coatings with a Novel Eco-Friendly Encapsulated Biocide. Coatings, 2021, 11, 1109.	1.2	6
140	CO2â€“water supercritical mixtures: Test of a potential model against neutron diffraction data. Journal of Molecular Liquids, 2007, 136, 294-299.	2.3	5
141	Chemical and spectroscopic investigation of the Raphaelâ€™s cartoon of the School of Athens from the Pinacoteca Ambrosiana. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	5
142	Metabolic profile of human parathyroid adenoma. Endocrine, 2020, 67, 699-707.	1.1	5
143	Interaction induced light scattering spectra of amorphous solid and liquid NaOD heavy water solutions. Canadian Journal of Physics, 1982, 60, 88-93.	0.4	4
144	Monte Carlo simulations of the NIMROD diffractometer. Physica B: Condensed Matter, 2006, 385-386, 1070-1072.	1.3	4

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145	Proton Momentum Distribution and Diffusion Coefficient in Water: Two Sides of the Same Coin?. Journal of Physical Chemistry Letters, 2012, 3, 2594-2597.	2.1	4
146	Characterisation of artificial patinas on bronze sculptures of the Carlo Bilotti Museum (Rome). Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	4
147	Hydration of two artificial sweeteners: Possible relevance for their taste. Journal of Molecular Liquids, 2020, 320, 114398.	2.3	4
148	Vibrational density of states of the hydrogen sites in hydrogen-bonded molecular solids. Journal of Molecular Structure, 1991, 250, 385-393.	1.8	3
149	On the multiple scattering corrections in an inelastic neutron scattering experiment. Nuclear Instruments & Methods in Physics Research B, 1991, 61, 123-126.	0.6	3
150	Stretching density of states of the deuterium sites in polycrystalline D2O. Molecular Physics, 1991, 73, 737-743.	0.8	3
151	Quantum effects in the structural properties of supercriticalHe4. Physical Review B, 1994, 50, 15890-15895.	1.1	3
152	Supercooled confined water and the mode coupling scenario. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 53-58.	1.2	3
153	Structure and Single Proton Dynamics of Bulk Supercooled Water. Journal of Molecular Liquids, 2007, 136, 236-240.	2.3	3
154	How safe is to safely enter in the water no-man's land?. Journal of Molecular Liquids, 2012, 176, 39-43.	2.3	3
155	Evolution of past enamel technology and metal conservation issues: the case of two Byzantine style bindings. Journal of Raman Spectroscopy, 2012, 43, 1260-1264.	1.2	3
156	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.	0.2	2
157	Microscopic structure of the hydrogen-xenon mixture. Physical Review E, 1997, 56, 2993-2999.	0.8	2
158	Interaction of trehalose and glucose with a peptide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si27.svg"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>-turn in aqueous solution. Journal of Molecular Liquids, 2022, 349, 118451.	2.3	2
159	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.	0.4	1
160	Study of the Î² relaxation in supercooled confined water. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 507-515.	0.6	1
161	An archaeometric application of SANS to pottery finds. Journal of Neutron Research, 2006, 14, 3-9.	0.4	1
162	Dating of a unique six-colour relief print by historical and archaeometric methods. European Physical Journal Plus, 2019, 134, 1.	1.2	1

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163	Neutron Diffraction Study of Water Polymorphism. , 2002, , 355-366.		1
164	Radial Distribution Function of Heavy Water Steam. , 1994, , 69-72.		1
165	Study of the Î² relaxation in supercooled confined water. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 507-515.	0.6	0
166	Microscopic structure and gasâ€“gas critical line of the Ar-water system. Physica B: Condensed Matter, 2006, 385-386, 282-284.	1.3	0
167	Multiparameter Approach to Dynamic Quantum Phase Estimation. Proceedings (mdpi), 2019, 12, 55.	0.2	0
168	Use of Optical Quantum Sensors to Study Chemical Processes. , 2019, , .		0
169	Studies of water at inorganic solid surfaces. Spectroscopic Properties of Inorganic and Organometallic Compounds, 2011, , 104-128.	0.4	0
170	Light Scattering from Liquid Water. , 1994, , 205-220.		0
171	Multiparameter quantum tracking of optical activity. , 2019, , .		0
172	Towards real-time optical quantum sensors. , 2019, , .		0