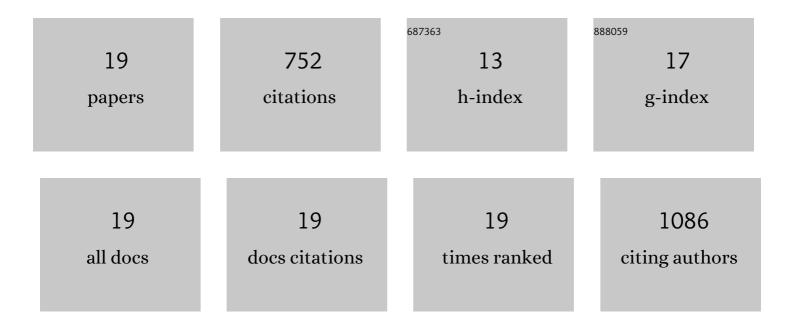
## Maurizio Benfatto

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Symmetry Breaking in Solution-Phase [Cu(tsc)2(H2O)2]2+: Emergent Asymmetry in Cu–S Distances and in Covalence. Journal of Physical Chemistry B, 2021, 125, 10779-10795.	2.6	0

MXAN and Molecular Dynamics: A New Way to Look to the XANES (X-ray Absorption Near Edge) Tj ETQq0.0 rgBT $_{0.2}^{/Q}$ verlock 10 Tf 50 7

3	[Cu(aq)]2+ is structurally plastic and the axially elongated octahedron goes missing. Journal of Chemical Physics, 2018, 148, 204302.	3.0	13
4	Solvation structure of the halides from x-ray absorption spectroscopy. Journal of Chemical Physics, 2016, 145, 044318.	3.0	38
5	Equilibrium between 5- and 6-Fold Coordination in the First Hydration Shell of Cu(II). Journal of Physical Chemistry A, 2016, 120, 3958-3965.	2.5	17
6	A high-resolution XAS study of aqueous Cu(II) in liquid and frozen solutions: Pyramidal, polymorphic, and non-centrosymmetric. Journal of Chemical Physics, 2015, 142, 084310.	3.0	43
7	A Close Look into the Low Energy Region of the XAS Spectra: The XANES Region. , 2015, , 213-240.		14
8	The x-ray absorption spectroscopy model of solvation about sulfur in aqueous L-cysteine. Journal of Chemical Physics, 2012, 137, 205103.	3.0	13
9	The X-ray Absorption Spectroscopic Model of the Copper(II) Imidazole Complex Ion in Liquid Aqueous Solution: A Strongly Solvated Square Pyramid. Inorganic Chemistry, 2012, 51, 2086-2096.	4.0	32
10	The XAS model of dissolved Cu(II) and its significance to biological electron transfer. Journal of Physics: Conference Series, 2009, 190, 012059.	0.4	10
11	Solution [Cu(amm)] <sup>2+</sup> is a Strongly Solvated Square Pyramid: A Full Account of the Copper K-edge XAS Spectrum Within Single-Electron Theory. Inorganic Chemistry, 2008, 47, 4126-4139.	4.0	43
12	X-ray Absorption Spectroscopy of Hemes and Hemeproteins in Solution: Multiple Scattering Analysis. Inorganic Chemistry, 2008, 47, 9905-9918.	4.0	52
13	X-ray structure analysis of a metalloprotein with enhanced active-site resolution using in situ x-ray absorption near edge structure spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6211-6216.	7.1	64
14	Structural Features that Govern Enzymatic Activity in Carbonic Anhydrase from a Low-Temperature Adapted Fish, Chionodraco hamatus. Biophysical Journal, 2007, 93, 2781-2790.	0.5	15
15	The Solution Structure of [Cu(aq)]2+and Its Implications for Rack-Induced Bonding in Blue Copper Protein Active Sites. Inorganic Chemistry, 2005, 44, 1922-1933.	4.0	134
16	MXAN Analysis of the XANES Energy Region of a Mononuclear Copper Complex:Â Applications to Bioinorganic Systems. Inorganic Chemistry, 2005, 44, 9652-9659.	4.0	16
17	Comment on "X-Ray Anomalous Scattering Study of a Charge-Ordered State inNaV2O5― Physical Review Letters, 2001, 87, .	7.8	8
18	Critical Reexamination of the Experimental Evidence of Orbital Ordering inLaMnO3andLa0.5Sr1.5MnO4. Physical Review Letters, 1999, 83, 636-639.	7.8	180

#	Article	IF	CITATIONS
19	X-Ray Resonant Scattering as a Direct Probe of Orbital Ordering in Transition-Metal Oxides. Physical Review Letters, 1998, 80, 3400-3403.	7.8	59