Lorenzo Tassi

List of Publications by Year in descending order

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89 papers	1,592 citations	331670 21 h-index	377865 34 g-index
89 all docs	89 docs citations	89 times ranked	1302 citing authors

#	Article	IF	Citations
1	Classification of bread wheat flours in different quality categories by a wavelet-based feature selection/classification algorithm on NIR spectra. Analytica Chimica Acta, 2005, 544, 100-107.	5.4	90
2	Durum wheat adulteration detection by NIR spectroscopy multivariate calibration. Talanta, 2006, 68, 1505-1511.	5.5	75
3	Adulteration of the anthocyanin content of red wines: Perspectives for authentication by Fourier Transform-Near InfraRed and 1H NMR spectroscopies. Analytica Chimica Acta, 2011, 701, 139-151.	5.4	74
4	The N,N-dimethylformamide/ethane-1,2-diol solvent system. Density, viscosity, and excess molar volume at various temperatures. Journal of Chemical & Engineering Data, 1991, 36, 360-365.	1.9	72
5	Development of Quantitative Structureâ^'Property Relationships Using Calculated Descriptors for the Prediction of the Physicochemical Properties (nD, Ï, bp, Îµ, Î·) of a Series of Organic Solvents. Journal of Chemical Information and Computer Sciences, 1999, 39, 1190-1203.	2.8	61
6	A micro-Raman archaeometric approach to Roman wall paintings. Vibrational Spectroscopy, 2007, 43, 420-426.	2.2	48
7	Classification of Cereal Flours by Chemometric Analysis of MIR Spectra. Journal of Agricultural and Food Chemistry, 2004, 52, 1062-1067.	5.2	45
8	Ethane-1,2-diolâ€"2-methoxyethanol solvent system. Dependence of the relative permittivity and refractive index on the temperature and composition of the binary mixture. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2583-2588.	1.7	43
9	Coordinating ability of methylpiperidine dithiocarbamates towards platinum group metals. Polyhedron, 1985, 4, 1553-1558.	2.2	40
10	Viscosities and Activation Energies of Viscous Flow of the 1,2-Ethanediol/N,N-Dimethylformamide Binary Solvent System. Bulletin of the Chemical Society of Japan, 1992, 65, 503-511.	3.2	40
11	Reproducibility of the Italian ISQ method for quality classification of bread wheats: An evaluation by expert assessors. Journal of the Science of Food and Agriculture, 2007, 87, 839-846.	3.5	37
12	Density and volumetric properties of ethane-1,2-diol+di-ethylen-glycol mixtures at different temperatures. Fluid Phase Equilibria, 2000, 172, 93-104.	2.5	34
13	Title is missing!. Journal of Solution Chemistry, 2002, 31, 873-893.	1.2	34
14	Preparation, properties and reactivity of gold complexes with some heterocyclic dithiocarbamates as ligands. Polyhedron, 1988, 7, 1231-1237.	2.2	33
15	N,N-Dimethylformamideâ€"2-methoxyethanol solvent system. Densities and excess molar volumes at various temperatures. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 3159-3163.	1.7	32
16	Ethane-1,2-diolâ€"water solvent system: relative permittivity as a function of temperature and binary composition. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 123-127.	1.7	31
17	Dielectric behaviour of the 2-methoxyethanolâ€"1,2-dimethoxyethane solvent system. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 2003-2006.	1.7	30
18	Development of 87 Sr/ 86 Sr maps as targeted strategy to support wine quality. Food Chemistry, 2018, 255, 139-146.	8.2	30

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19	Densities and excess molar volumes of the 1,2-ethanediol + 2-methoxyethanol solvent system at various temperatures. Journal of Chemical & Engineering Data, 1991, 36, 368-371.	1.9	27
20	Density and Volumic Properties ofN,N-Dimethylformamide + 2-Methoxyethanol + 1,2-Dimethoxyethane Liquid Ternary Mixtures. Bulletin of the Chemical Society of Japan, 1995, 68, 3373-3381.	3.2	23
21	Densities and excess molar volumes of binary mixtures containing 1,2-dichloroethane + 2-methoxyethanol or 1,2-dimethoxyethane at different temperatures. Journal of Molecular Liquids, 2002, 100, 163-181.	4.9	23
22	Kinematic viscosities of ternary mixtures containing ethane-1,2-diol, 2-methoxyethanol and water from â^'10Â°C to 80Â°C. Fluid Phase Equilibria, 1999, 157, 317-342.	2.5	20
23	Density measurements of the binary mixtures of 2-butanone and 2-butanol at temperatures from â^'10 to 80 Â°C. Journal of Molecular Liquids, 2004, 111, 117-123.	4.9	19
24	Title is missing!. Journal of Solution Chemistry, 2003, 32, 93-116.	1.2	18
25	Conductometric titrations of polyprotic acids in nonaqueous mixed solvents. Effects of temperature and composition of the solvent mixture. Analytical Chemistry, 1989, 61, 177-184.	6.5	17
26	Kinematic Viscosities of 1,2-Ethanediol/1,4-Dioxane Binary Mixtures from â^'10 to +80 Â°C. Bulletin of the Chemical Society of Japan, 1993, 66, 1886-1891.	3.2	17
27	Dielectric behaviour of the N,N-dimethylformamideâ€“2-methoxyethanolâ€“1, 2-dimethoxyethane ternary solvent system from â€“10 to +20 Â°C. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 1089-1094.	1.7	17
28	The Ethane-1,2-diol + 2-methoxyethanol + 1,2-dimethoxyethane Ternary Solvent System: Density and Volume Properties at Different Temperatures. Physics and Chemistry of Liquids, 2001, 39, 481-498.	1.2	17
29	The ethane-1,2-diolâ€“water solvent system. The dependence of the dissociation constant of picric acid on the temperature and composition of the solvent mixture. Journal of the Chemical Society Faraday Transactions I, 1988, 84, 4427.	1.0	16
30	Static dielectric constants of 1,2-dichloroethane + 2-methoxyethanol + 1,2-dimethoxyethane ternary liquid mixtures from â^'10 to 80Â°C. Fluid Phase Equilibria, 1996, 124, 209-220.	2.5	16
31	The relative permittivity of 1,2-dimethoxyethane and N,N-dimethylformamide mixtures from ?10 to 40ï¿½C. Journal of Solution Chemistry, 1992, 21, 953-962.	1.2	15
32	Viscosities of 1,2-Ethanediol-2-Methoxyethanol solvent mixtures at various temperatures. Journal of Solution Chemistry, 1993, 22, 1019-1028.	1.2	15
33	Viscosimetric properties and internal structure of N,N-dimethylformamide + 1,2-dimethoxyethane binary mixtures. Journal of Molecular Liquids, 2003, 102, 309-345.	4.9	15
34	A conductometric study of dissociation of picric acid in 2-methoxyethanol and 1,2-ethanediol from â^'10 to 80 Â°C. Canadian Journal of Chemistry, 1987, 65, 722-726.	1.1	14
35	Effects of temperature and solvent composition on conductometric titrations in nonaqueous mixed solvents. Analytical Chemistry, 1988, 60, 2358-2364.	6.5	14
36	Conductivity of tetraphenylphosphonium bromide in 2-methoxyethanolâ€“water. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 3043-3047.	1.7	14

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37	2-Methoxyethanolâ€“water solvent system: static relative permittivity from â€“10 to +80 Â°C. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 859-864.	1.7	14
38	N,N-Dimethylformamide + 2-Methoxyethanol Binary Mixtures. Viscosity and Activation Energy of Viscous Flow at Various Temperatures. Bulletin of the Chemical Society of Japan, 1995, 68, 1867-1872.	3.2	14
39	Density and Volumetric Behavior of 1,2-Dimethoxyethane + Water Binary Mixtures from â˜10 to 80 Â°C. Bulletin of the Chemical Society of Japan, 1997, 70, 987-991.	3.2	14
40	Chemical composition and characterisation of seeds from two varieties (pure and hybrid) of Aesculus hippocastanum. Food Chemistry, 2007, 104, 229-236.	8.2	14
41	Ionization and dissociation of weak electrolytes. An initial approach to Ki and Kd evaluation. Analytical Chemistry, 1990, 62, 1004-1010.	6.5	13
42	Ionic association of alkali-metal bromides in 2-methoxyethanol. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 733.	1.7	13
43	Variation of volumic properties with temperature and composition of 2-butanone + 1,2-propanediol binary mixtures. Journal of Molecular Liquids, 2000, 88, 183-195.	4.9	13
44	Process Intensification by Experimental Design Application to Microwave-Assisted Extraction of Phenolic Compounds from Juglans regia L.. Food Analytical Methods, 2017, 10, 575-586.	2.6	13
45	Resolution of mixtures of organic acids by conductometric titrations in 2-methoxyethanol. Analytical Chemistry, 1982, 54, 796-799.	6.5	12
46	The relative permittivity of 1,2-ethanediol+2-methoxyethanol+water ternary mixtures. Journal of Solution Chemistry, 1993, 22, 895-905.	1.2	12
47	N,N-dimethylformamide + 1,2-dimethoxyethane binary mixtures. The static dielectric constant from 40 to 80.degree.C. Journal of Chemical & Engineering Data, 1993, 38, 204-206.	1.9	12
48	Densities and excess molar volumes for binary mixtures of N,N-dimethylformamide+ 1,2-dimethoxyethane. Journal of Solution Chemistry, 1994, 23, 777-785.	1.2	12
49	The ethane-1,2-diolâ€“2-methoxyethanol solvent system. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 3129.	1.0	11
50	Refractive Properties of Binary Mixtures ContainingN,N-Dimethylformamide + 2-Methoxyethanol or 1,2-Dimethoxyethane. Physics and Chemistry of Liquids, 2001, 39, 277-300.	1.2	11
51	Density and Volume Properties of the 2-Methoxyethanol + 1,2-Dimethoxyethane + Water Ternary Solvent System at Various Temperatures. Physics and Chemistry of Liquids, 2001, 39, 151-168.	1.2	11
52	Kinematic Viscosities of Binary Liquid Mixtures of 2-Butanone with 1,2-Propanediol. Journal of Solution Chemistry, 2002, 31, 235-252.	1.2	11
53	An approach to the problem of the dependence of the dissociation constant of weak electrolytes on the temperature and on the solvent composition in the ethane-1,2-diolâ€“2-methoxyethanol solvent system. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 1697.	1.0	10
54	Densities and excess molar volumes of the solvent (ethane-1,2-diol + 2-methoxyethanol + water) fromT=263.15 K toT=353.15 K. Journal of Chemical Thermodynamics, 1998, 30, 653-669.	2.0	10

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55	Title is missing!. Journal of Solution Chemistry, 2000, 29, 489-504.	1.2	10
56	Viscosity of (ethane-1,2-diol + 1,2-dimethoxyethane + water) at temperatures from 263.15 K to 353.15 K. Journal of Chemical Thermodynamics, 2002, 34, 593-611.	2.0	10
57	Refractive properties of binary mixtures containing 1,2-dichloroethane + 2-methoxyethanol or 1,2-dimethoxyethane. Journal of Molecular Liquids, 2003, 102, 53-81.	4.9	10
58	The first example of a copper(II) chloride complex with 1,3-thiazolidine-2-thione. Transition Metal Chemistry, 1982, 7, 279-281.	1.4	9
59	Dissociation equilibria of picric acid in the binary N, N-dimethylformamide/2-methoxyethanol solvent system. Canadian Journal of Chemistry, 1991, 69, 509-517.	1.1	9
60	Dielectric Properties in Ternary Mixtures of Ethane-1,2-diol + 1,2-Dimethoxyethane + Water. International Journal of Thermophysics, 2004, 25, 839-855.	2.1	9
61	Use of Multivariate Analysis of MIR Spectra to Study Bread Staling. Annali Di Chimica, 2005, 95, 657-666.	0.6	9
62	Ionic equilibria of picric acid in mixed amphiprotic solvents. The 2-methoxyethanol/water solvent system. Analytical Chemistry, 1989, 61, 1971-1977.	6.5	8
63	The Relative Permittivity of the Ternary 1,2-Ethanediol + 2-Methoxyethanol + Water Solvent System. Bulletin of the Chemical Society of Japan, 1994, 67, 899-905.	3.2	8
64	Title is missing!. Journal of Solution Chemistry, 2001, 30, 149-169.	1.2	8
65	Analytical Concentrations of Some Elements in Seeds and Crude Extracts from Aesculus hippocastanum, by ICP-OES Technique. Agronomy, 2021, 11, 47.	3.0	8
66	Kinematic viscosities of binary mixtures of 1,2-ethanediol and 2-methoxyethanol at different temperatures. The Chemical Engineering Journal, 1993, 52, 41-47.	0.3	7
67	Conductances of sodium tetraphenylborate in 2-methoxyethanolâ€“water binary solvent mixtures. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 1357-1360.	1.7	7
68	Viscosimetric studies on 2â€methoxyethanol + 1,2â€dimethoxyethane binary mixtures from â^'10 to 80Â°c. Canadian Journal of Chemical Engineering, 1997, 75, 494-501.	1.7	7
69	Determination of glycerol carbon stable isotope ratio for the characterization of Italian balsamic vinegars. Journal of Food Composition and Analysis, 2018, 69, 33-38.	3.9	7
70	Relative permittivity of 1,2-ethanediol + 1,2-dimethoxyethane from -10 to +30.degree.C. Journal of Chemical & Engineering Data, 1992, 37, 262-264.	1.9	6
71	Thermodynamic behaviour of some electrolytes in ethane-1,2-diol from â^'10 to +80 Â°C. Canadian Journal of Chemistry, 1993, 71, 1265-1272.	1.1	6
72	Dielectric Characterization of Binary Solvents Containing 1,2-Dichloroethane and 2-Chloroethanol. Bulletin of the Chemical Society of Japan, 1995, 68, 2187-2191.	3.2	6

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73	Study of the Dependence on Temperature and Composition of the Volumic Properties of Ethane-1,2-diol + 2-Methoxyethanol + 1,2-Dimethoxyethane + Water Solvent System and Graphical Representation in the Quaternary Domain. Journal of Solution Chemistry, 2006, 35, 139-159.	1.2	6
74	Influence of Chemical and Physical Variables on 87Sr/86Sr Isotope Ratios Determination for Geographical Traceability Studies in the Oenological Food Chain. Beverages, 2018, 4, 55.	2.8	6
75	Use of Lead Isotopic Ratios as Geographical Tracer for Lambrusco PDO Wines. Molecules, 2020, 25, 1641.	3.8	6
76	Kinematic viscosity studies of the binary ethaneâ€•1,2â€diol/ n, nâ€dimethylformamide solvent system at various temperatures. Canadian Journal of Chemical Engineering, 1993, 71, 124-129.	1.7	5
77	Analysis of the Temperature and Composition Dependence of Viscosimetric Properties of 2-Butanone + 2-Butanol Solvent Mixtures. Journal of Solution Chemistry, 2004, 33, 1181-1197.	1.2	5
78	A Study of the Dielectric Behaviour and the Liquid Structure of a Ternary Solvent System. Annali Di Chimica, 2004, 94, 165-176.	0.6	5
79	Dithiocarbamate complexes of rhodium(III), iridium(III), palladium(II) and platinum(II). Inorganica Chimica Acta, 1987, 137, 73-74.	2.4	4
80	Kinematic viscosity and viscous flow in binary mixtures containing ethane-1,2-diol. , 1996, , 79-104.		4
81	Seeds of Horse Chestnut (Aesculus hippocastanum L.) and Their Possible Utilization for Human Consumption. , 2011, , 653-661.		4
82	87Sr/86Sr ratio as traceability marker for Modena's balsamic vinegars. LWT - Food Science and Technology, 2021, 147, 111571.	5.2	4
83	Synthesis and characterization of ruthenium (III) complexes with para- and meta-substituted benzeneseleninic acids as ligands. Spectrochimica Acta Part A: Molecular Spectroscopy, 1983, 39, 1-6.	0.1	3
84	Dissociation constants of picric acid in mixtures of N,N-dimethylformamide + ethane-1,2-diol. Journal of Chemical & Engineering Data, 1992, 37, 191-194.	1.9	3
85	A mass spectral investigation of 4-phenylpiperidine- and N-phenylpiperazine-carbodithioato sodium		