

# Marta M Mato

## List of Publications by Year in descending order

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47  
papers

424  
citations

758635

12  
h-index

940134

16  
g-index

48  
all docs

48  
docs citations

48  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of two calorimetric methods to determine the loss of organic matter in Galician soils (NW Spain) due to forest wildfires. <i>Thermochimica Acta</i> , 2004, 410, 141-148.	1.2	29
2	Study on Excess Molar Enthalpies and Excess Molar Volumes of the Binary Systems 1,2-Dichlorobenzene + (Benzene, Hexane, 1-Chlorohexane) and 1,3-Dichlorobenzene + (Benzene, Hexane, 1-Chlorohexane). <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 1703-1709.	1.0	10
3	Temperature dependence of thermophysical properties of octane+1-butanol system. <i>Magyar Árvizsgáló és Vizsgáló Lapok</i> , 2002, 70, 217-227.	1.4	26
4	Excess molar enthalpies at 298.15 K of the binary mixtures. <i>Magyar Árvizsgáló és Vizsgáló Lapok</i> , 2002, 70, 251-254.	1.4	20
5	Determination of experimental excess molar properties for MTBE+1-propanol+octane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 245-251.	2.0	19
6	Thermodynamic properties of the ternary system MTBE+1-propanol+hexane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 303-309.	2.0	19
7	Density and viscosity study of pyridinium based ionic liquids as potential absorbents for natural refrigerants: Experimental and modelling. <i>Fluid Phase Equilibria</i> , 2015, 405, 37-45.	1.4	16
8	Determination of excess molar enthalpies of the ternary system methyl tert-butyl ether+1-pentanol+nonane at 298.15K. <i>Fluid Phase Equilibria</i> , 2005, 232, 16-24.	1.4	15
9	Study of the growth of <i>Enterococcus faecalis</i> , <i>Escherichia coli</i> and their mixtures by microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 739-744.	2.0	15
10	Excess molar enthalpies of the ternary system mtbe+ethanol+hexane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 291-295.	2.0	14
11	Experimental and Predicted Excess Molar Enthalpies of the Ternary System tert-Butyl Methyl Ether + 1-Pentanol + Decane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 1703-1709.	1.0	13
12	Experimental and theoretically estimated excess molar enthalpies for tert-butyl methyl ether+1-pentanol+octane at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 73-79.	2.0	12
13	Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,2-Dichlorobenzene + Benzene + Hexane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2002, 47, 1436-1441.	1.0	10
14	Study of the effect of increasing the chain length of the alkane in excess molar enthalpies of mixtures containing methyl tert-butyl ether, 1-propanol, alkane. <i>Fluid Phase Equilibria</i> , 2008, 271, 6-12.	1.4	10
15	Excess molar enthalpies of the ternary system MTBE+ethanol+octane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 607-611.	2.0	9
16	Contribution to study of the thermodynamics properties of mixtures containing 2-methoxy-2-methylpropane, alkanol, alkane. <i>Journal of Chemical Thermodynamics</i> , 2014, 73, 224-231.	1.0	9
17	Microcalorimetric performance of the growth in culture of <i>Escherichia coli</i> , <i>Proteus mirabilis</i> and their mixtures in different proportions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 107-112.	2.0	9
18	Experimental densities of 2,2,2-trifluoroethanol with 1-butyl-3-methylimidazolium hexafluorophosphate at high pressures and modelling with PC-SAFT. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 29-40.	1.0	9

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19	Temperature dependence of volumetric behaviour for methyl tert-butylether+1-butanol system. Magyar Árvad Közlönyek, 2002, 70, 235-241.	1.4	8
20	Study on volumetric measurement and correlations for MTBE+1-propanol+decane at 298.15 K and atmospheric pressure. Journal of Thermal Analysis and Calorimetry, 2005, 80, 317-321.	2.0	8
21	Measurements and analysis of excess molar volumes for the ternary mixture MTBE + 1-pentanol + decane. Journal of Thermal Analysis and Calorimetry, 2005, 80, 323-327.	2.0	8
22	Application of several empirical methods to MTBE+1-pentanol+octane. Journal of Thermal Analysis and Calorimetry, 2005, 80, 329-332.	2.0	8
23	Excess molar volumes for methyl tert-butyl ether(MTBE)+1-pentanol+heptane at 298.15 K. Journal of Thermal Analysis and Calorimetry, 2005, 80, 333-337.	2.0	8
24	Experimental and predicted excess molar volumes of the ternary system.. Journal of Thermal Analysis and Calorimetry, 2005, 80, 345-349.	2.0	8
25	Excess enthalpies of ternary mixture consisting of tert-butyl methyl ether, ethanol and heptane. Journal of Thermal Analysis and Calorimetry, 2008, 92, 185-189.	2.0	8
26	Microcalorimetric study of the growth of Enterococcus faecalis, Klebsiella pneumoniae and their mixtures in an enriched culture medium. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1415-1420.	2.0	8
27	Microcalorimetric study of the growth of Enterococcus faecalis, Pseudomonas aeruginosa and their mixtures in an enriched culture medium. Journal of Thermal Analysis and Calorimetry, 2015, 121, 463-468.	2.0	7
28	Experimental and predicted excess molar volumes of MTBE+1-pentanol+hexane. Journal of Thermal Analysis and Calorimetry, 2005, 80, 339-343.	2.0	6
29	Excess Molar Enthalpies of Ternary and Binary Mixtures Containing 2-Methoxy-2-methylpropane, 1-Propanol, and Nonane. Journal of Chemical & Engineering Data, 2009, 54, 1692-1697.	1.0	6
30	Microcalorimetric method to determine ceftazidime and piperacillin+tazobactam susceptibility in Pseudomonas aeruginosa. Journal of Thermal Analysis and Calorimetry, 2015, 121, 353-360.	2.0	6
31	Ultrasonic bacterial treatment of mineral waters: a study on S. epidermidis, S. warneri, P. aeruginosa and P. mirabilis. Environmental Earth Sciences, 2015, 73, 2863-2868.	1.3	6
32	Specific heat of mixtures of kaolin with sea water or distilled water for their use in thermotherapy. Journal of Thermal Analysis and Calorimetry, 2017, 130, 479-484.	2.0	6
33	Study of bacterial sensitivity in zinc sulfate solutions by microcalorimetry. Journal of Thermal Analysis and Calorimetry, 2018, 133, 773-777.	2.0	6
34	Experimental and theoretically estimated excess molar enthalpies for (ethyl propionate+n-hexane +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	5
35	Experimental excess molar volumes of the ternary mixture and comparison with several empirical methods. Journal of Thermal Analysis and Calorimetry, 2006, 84, 279-283.	2.0	5
36	Experimental and theoretical excess molar enthalpies of ternary and binary mixtures containing 2-Methoxy-2-Methylpropane, 1-propanol, heptane. Journal of Chemical Thermodynamics, 2013, 66, 95-101.	1.0	5

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37	Study on the effect of increasing the chain length of the alkanol in excess molar enthalpies of mixtures containing 2-methoxy-2-methylpropane, 1-alkanol, decane. <i>Fluid Phase Equilibria</i> , 2010, 296, 37-41.	1.4	4
38	Excess Molar Enthalpies of Ternary and Binary Mixtures Containing 2-Methoxy-2-Methylpropane, Ethanol, and Nonane. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 400-405.	1.0	4
39	Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,2-Dichlorobenzene + Benzene + 1-Chlorohexane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 646-651.	1.0	3
40	Ternary mixture MTBE+1-pentanol+nonane at 298.15 K and atmospheric pressure. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 179-183.	2.0	3
41	Experimental enthalpies of mixtures of alkylfluoroethers + n-alkanes at 298.15 K. <i>Fluid Phase Equilibria</i> , 2004, 218, 41-45.	1.4	2
42	Analysis of the thermodynamic properties of (1-chloroalkane+1-alkanol) mixtures using the Nitta-Chao group contribution model. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 1399-1403.	1.0	2
43	Excess molar enthalpies of dichloropropane+ <i>n</i> -alkane mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 1121-1125.	2.0	2
44	Measurement and Prediction of Excess Molar Enthalpies and Excess Molar Volumes of the Ternary System 1,3-Dichlorobenzene + Benzene + Hexane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 928-932.	1.0	1
45	Experimental and predicted data of excess molar enthalpies and excess molar volumes for the ternary system (1,3-dichlorobenzene+benzene+1-chlorohexane) at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2014, 73, 190-196.	1.0	1
46	Determination of excess molar enthalpies for the ternary system p-xylene+octane+diethyl carbonate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 583-586.	2.0	0
47	Excess molar enthalpies of the ternary system p-xylene+decane+diethyl carbonate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 613-616.	2.0	0