

Arthur D Pelton

List of Publications by Year in descending order

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docs citations

112
times ranked

2817
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Application of the FactSage Thermochemical Software and Databases in Materials Science and Pyrometallurgy. <i>Processes</i> , 2020, 8, 1156.	1.3	10
2	A thermodynamic model for molten salt-water solutions – Application to a thermodynamic optimization of the Ca(NO ₃) ₂ -KNO ₃ -H ₂ O system. <i>Journal of Chemical Thermodynamics</i> , 2019, 128, 225-243.	1.0	5
3	Equilibrium and Scheil-Gulliver Solidification. , 2019, , 133-148.		1
4	Paraequilibrium Phase Diagrams and Minimum Gibbs Energy Diagrams. , 2019, , 149-158.		0
5	Phase Diagrams of Systems With an Aqueous Phase. , 2019, , 165-182.		0
6	Some Applications., 2019, , 319-350.		0
7	Thermodynamic evaluation and optimization of the BaO-SiO ₂ and BaO-CaO-SiO ₂ systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2018, 61, 140-147.	0.7	9
8	Thermodynamic calculation of aqueous phase diagrams. <i>Monatshefte fÃ¼r Chemie</i> , 2018, 149, 395-409.	0.9	7
9	Scheil–Gulliver Constituent Diagrams. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 3113-3129.	1.1	11
10	Regarding "Sulfide Capacity in Ladle Slag at Steelmaking Temperatures," C. Allertz, Du Sichen; MMTB 2015 December. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2016, 47, 3241-3243.	1.0	2
11	Use of a biobjective direct search algorithm in the process design of material science applications. <i>Optimization and Engineering</i> , 2016, 17, 27-45.	1.3	18
12	Thermodynamic modelling and in-situ neutron diffraction investigation of the (Nd+Mg+Zn) system. <i>Journal of Chemical Thermodynamics</i> , 2016, 94, 43-51.	1.0	8
13	Thermodynamic modelling and in-situ neutron diffraction investigation of the (Ce + Mg + Zn) system. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 242-254.	1.0	6
14	Critical assessment and optimization of phase diagrams and thermodynamic properties of RE-Zn systems-part I: Sc-Zn, La-Zn, Ce-Zn, Pr-Zn, Nd-Zn, Pm-Zn and Sm-Zn. <i>Journal of Alloys and Compounds</i> , 2015, 641, 249-260.	2.8	24
15	Critical assessment and optimization of phase diagrams and thermodynamic properties of RE-Zn systems – Part II – Y-Zn, Eu-Zn, Gd-Zn, Tb-Zn, Dy-Zn, Ho-Zn, Er-Zn, Tm-Zn, Yb-Zn and Lu-Zn. <i>Journal of Alloys and Compounds</i> , 2015, 641, 261-271.		
16	Thermodynamic modeling of the La-Mg-Zn, Pr-Mg-Zn and Sm-Mg-Zn system. <i>Journal of Alloys and Compounds</i> , 2015, 652, 415-425.	2.8	12
17	The Origin and Archaeometallurgy of a Mixed Sulphide Ore for Copper Production on the Island of Kea, Aegean Sea, Greece. <i>Archaeometry</i> , 2015, 57, 318-343.	0.6	10
18	Thermodynamic modeling of the Y-Mg-Zn, Cd-Mg-Zn, Tb-Mg-Zn, Dy-Mg-Zn, Ho-Mg-Zn, Er-Mg-Zn, Tm-Mg-Zn and Lu-Mg-Zn systems. <i>Journal of Alloys and Compounds</i> , 2015, 652, 426-443.	2.8	24

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19	Thermodynamic evaluation and optimization of the (NaNO ₃ +KNO ₃ +Na ₂ SO ₄ +K ₂ SO ₄) system. <i>Journal of Chemical Thermodynamics</i> , 2015, 83, 12-26.	1.0	15
20	Para-equilibrium phase diagrams. <i>Journal of Chemical Thermodynamics</i> , 2014, 72, 16-22.	1.0	21
21	<i>Thermodynamics and Phase Diagrams.</i> , 2014, , 203-303.		5
22	Interpretation and calculation of first-melting projections of phase diagrams. <i>Journal of Chemical Thermodynamics</i> , 2013, 67, 63-73.	1.0	6
23	The shape of liquid miscibility gaps and short-range-order. <i>Journal of Chemical Thermodynamics</i> , 2013, 60, 19-24.	1.0	7
24	Modeling the viscosity of silicate melts containing manganese oxide. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2013, 49, 323-337.	0.3	8
25	Modeling the Viscosity of Silicate Melts Containing Lead Oxide. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2012, 43, 325-336.	1.0	16
26	Modeling the viscosity of silicate melts containing zinc oxide. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2011, 35, 542-550.	0.7	16
27	Calculating all local minima on liquidus surfaces using the FactSage software and databases and the Mesh Adaptive Direct Search algorithm. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1323-1330.	1.0	42
28	Modeling short-range ordering in liquids: The Mg–Al–Sn system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2010, 34, 180-188.	0.7	51
29	Thermodynamic assessment of the Ce–Si, Y–Si, Mg–Ce–Si and Mg–Y–Si systems. <i>International Journal of Materials Research</i> , 2009, 100, 208-217.	0.1	30
30	Thermodynamic and volumetric databases and software for magnesium alloys. <i>Jom</i> , 2009, 61, 75-82.	0.9	24
31	Thermodynamic Model and Database for Sulfides Dissolved in Molten Oxide Slags. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2009, 40, 979-994.	1.0	79
32	Thermodynamic Assessment of the Al-Mn and Mg-Al-Mn Systems. <i>Journal of Phase Equilibria and Diffusion</i> , 2009, 30, 28-39.	0.5	67
33	A condensation model for the formation of chondrules in enstatite chondrites. <i>Meteoritics and Planetary Science</i> , 2009, 44, 531-543.	0.7	11
34	Thermodynamic Modeling of the Al ₂ O ₃ –Ti ₂ O ₃ –TiO ₂ System and Its Applications to the Fe–Al–Ti–O Inclusion Diagram. <i>ISIJ International</i> , 2009, 49, 1290-1297.	0.6	87
35	Thermodynamic assessment of the Ca–Zn, Sr–Zn, Y–Zn and Ce–Zn systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2008, 32, 423-431.	0.7	45
36	Critical evaluation and thermodynamic optimization of the Al–Ce, Al–Y, Al–Sc and Mg–Sc binary systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2008, 32, 413-422.	0.7	113

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37	Thermodynamic assessment of the Si-Zn, Mn-Si, Mg-Si-Zn and Mg-Mn-Si systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2008, 32, 470-477.	0.7	34
38	Modeling short-range ordering in solutions. <i>International Journal of Materials Research</i> , 2007, 98, 907-917.	0.1	73
39	Thermodynamic Database Development of the Mg-Ce-Mn-Y System for Mg Alloy Design. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2007, 38, 1231-1243.	1.1	22
40	Critical Evaluation and Thermodynamic Optimization of the Binary Systems in the Mg-Ce-Mn-Y System. <i>Journal of Phase Equilibria and Diffusion</i> , 2007, 28, 342-354.	0.5	48
41	Thermodynamic database development—modeling and phase diagram calculations in oxide systems. <i>Rare Metals</i> , 2006, 25, 473-480.	3.6	13
42	Thermodynamic Modeling of the MgO-Al2O3-CrO-Cr2O3 System. <i>Journal of the American Ceramic Society</i> , 2005, 88, 1921-1928.	1.9	33
43	Critical thermodynamic evaluation and optimization of the CaO-MgO-SiO2 system. <i>Journal of the European Ceramic Society</i> , 2005, 25, 313-333.	2.8	122
44	Critical Thermodynamic Evaluation and Optimization of the CaO-MnO-SiO2 and CaO-MnO-Al2O3 Systems. <i>ISIJ International</i> , 2004, 44, 965-974.	0.6	42
45	Assessing corrosion in oil refining and petrochemical processing. <i>Materials Research</i> , 2004, 7, 163-173.	0.6	20
46	Thermodynamic modeling of the Ni-S system. <i>International Journal of Materials Research</i> , 2004, 95, 672-681.	0.8	46
47	Thermodynamic evaluation and optimization of the (NaCl+KCl+MgCl2+CaCl2+MnCl2+FeCl2+CoCl2+NiCl2) system. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 809-828.	1.0	48
48	Thermodynamic evaluation and optimization of the MnO-Al2O3 and MnO-Al2O3-SiO2 systems and applications to inclusion engineering. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 259-268.	1.0	72
49	A thermodynamic model for deoxidation equilibria in steel. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 493-507.	1.0	145
50	Critical thermodynamic evaluation and optimization of the FeO-Fe2O3-MgO-SiO2 system. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 877-889.	1.0	55
51	Critical thermodynamic evaluation and optimization of the MgO-Al2O3, CaO-MgO-Al2O3, and MgO-Al2O3-SiO2 Systems. <i>Journal of Phase Equilibria and Diffusion</i> , 2004, 25, 329-345.	0.5	116
52	Critical thermodynamic evaluation and optimization of the Fe-Mg-O system. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 1683-1695.	1.9	65
53	Thermodynamic evaluation and optimization of the (NaCl+KCl+AlCl3) system. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 683-699.	1.0	50
54	Thermodynamic evaluation and optimization of the (MgCl2+CaCl2+MnCl2+FeCl2+CoCl2+NiCl2) system. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 793-808.	1.0	27

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55	Thermodynamic evaluation and modeling of the Fe-Co-O system. <i>Acta Materialia</i> , 2004, 52, 507-519.	3.8	73
56	Non-equilibrium concepts lead to a unified explanation of the formation of chondrules and chondrites. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1897-1910.	0.7	10
57	Computer Applications of Thermodynamic Databases to Inclusion Engineering. <i>ISIJ International</i> , 2004, 44, 527-536.	0.6	124
58	Phase Equilibria and Thermodynamic Properties of the CaO-MnO-Al ₂ O ₃ -SiO ₂ System by Critical Evaluation, Modeling and Experiment. <i>ISIJ International</i> , 2004, 44, 975-983.	0.6	42
59	Phase equilibria and thermodynamic properties of the Cu ₂ O-CaO-Na ₂ O system in equilibrium with copper. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2003, 34, 631-638.	1.0	8
60	Thermodynamic Modeling of the FeO-Fe ₂ O ₃ -MgO-SiO ₂ System. <i>Journal of the American Ceramic Society</i> , 2002, 85, 2903-2910.	1.9	36
61	Nucleation Constraints Lead To Molten Chondrule Precursors in the Early Solar System. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11823-11827.	1.2	6
62	The modified quasi-chemical model: Part II. Multicomponent solutions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2001, 32, 1355-1360.	1.1	457
63	Thermodynamic evaluation and optimization of the LiF-NaF-KF-MgF ₂ -CaF ₂ system using the modified quasi-chemical model. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2001, 32, 1385-1396.	1.1	82
64	The modified quasi-chemical model: Part IV. Two-sublattice quadruplet approximation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2001, 32, 1409-1416.	1.1	218
65	Thermodynamic evaluation and optimization of the Li, Na, K, Mg, Ca/F, Cl reciprocal system using the modified quasi-chemical model. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2001, 32, 1417-1430.	1.1	49
66	Experimental study of phase equilibria and thermodynamic optimization of the Fe-Zn-O system. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2001, 32, 643-657.	1.0	113
67	A general geometric-thermodynamic model for multicomponent solutions. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2001, 25, 319-328.	0.7	202
68	Thermodynamic Evaluation and Optimization of the LiCl-NaCl-KCl-RbCl-CsCl-MgCl ₂ -CaCl ₂ -SrCl ₂ -BaCl ₂ System Using the Modified Quasichemical Model. <i>Canadian Metallurgical Quarterly</i> , 2001, 40, 13-32.	0.4	2
69	On the choice of Geometric-thermodynamic models. <i>Journal of Phase Equilibria and Diffusion</i> , 2000, 21, 141-147.	0.3	90
70	Thermodynamic Modeling of Zinc Distribution Among Matte, Slag and Liquid Copper. <i>Canadian Metallurgical Quarterly</i> , 2000, 39, 43-54.	0.4	10
71	Thermodynamic Evaluation and Optimization of the LiCl-NaCl-KCl-RbCl-CsCl-MgCl ₂ -CaCl ₂ -SrCl ₂ System Using The Modified Quasichemical Model. <i>Canadian Metallurgical Quarterly</i> , 2000, 39, 405-420.	0.4	0
72	Modeling the charge compensation effect in silica-rich Na ₂ O-K ₂ O-Al ₂ O ₃ -SiO ₂ melts. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 1999, 23, 219-230.	0.7	47

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73	Thermodynamic modeling in glass-forming melts. <i>Journal of Non-Crystalline Solids</i> , 1999, 253, 178-191.	1.5	47
74	Thermodynamic Analysis of Binary and Ternary Silicate Systems by a Structural Model.. <i>ISIJ International</i> , 1999, 39, 399-408.	0.6	15
75	Thermodynamic modelling of the system $\text{Al}_2\text{O}_3-\text{SiO}_2-\text{CaO}-\text{FeO}-\text{Fe}_2\text{O}_3$ to predict the flux requirements for coal ash slags. <i>Fuel</i> , 1998, 77, 77-84.	3.4	87
76	Thermodynamic optimisation of the systems CaO-Pb-O and PbO-CaO-SiO . <i>Canadian Metallurgical Quarterly</i> , 1998, 37, 41-47.	0.4	23
77	Thermodynamic modeling of liquid Fe-Ni-Cu-Co-S mattes. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1998, 29, 591-601.	1.0	35
78	Thermodynamic Optimisation of the Systems CaO-Pb-O and PbO-CaO-SiO_2 . <i>Canadian Metallurgical Quarterly</i> , 1998, 37, 41-47.	0.4	38
79	The polynomial representation of thermodynamic properties in dilute solutions. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1997, 28, 869-876.	1.0	29
80	Thermodynamic optimization of the systems PbO-SiO_2 , PbO-ZnO , ZnO-SiO_2 and PbO-ZnO-SiO_2 . <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1997, 28, 1011-1018.	1.0	73
81	Critical evaluation and optimization of the thermodynamic properties and phase diagrams of the $\text{CrO-Cr}_2\text{O}_3-\text{SiO}_2-\text{CaO}$ system. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1997, 28, 235-242.	1.0	31
82	The inorganic chemistry of the combustion of wheat straw. <i>Biomass and Bioenergy</i> , 1997, 12, 295-298.	2.9	38
83	Critical evaluation and optimization of the thermodynamic properties of liquid tin solutions. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1996, 27, 810-828.	1.0	39
84	The inorganic chemistry of wood combustion for power production. <i>Biomass and Bioenergy</i> , 1995, 8, 29-38.	2.9	14
85	Model calculations of phase stabilities of oxide solid solutions in the $\text{Co}-\text{Fe}-\text{Mn}-\text{O}$ system at 1200°C . <i>Journal of Physics and Chemistry of Solids</i> , 1994, 55, 391-404.	1.9	9
86	Critical Evaluation and Optimization of the Thermodynamic Properties and Phase Diagrams of the MnO-SiO_2 and CaO-SiO_2 Systems. <i>Canadian Metallurgical Quarterly</i> , 1994, 33, 13-21.	0.4	32
87	Critical Evaluation and Optimization of the Thermodynamic Properties and Phase Diagrams of the MnO-SiO_2 and CaO-SiO_2 Systems. <i>Canadian Metallurgical Quarterly</i> , 1994, 33, 13-21.	0.4	144
88	Optimization of the Thermodynamic Properties and Phase Diagrams of the $\text{Na}_2\text{O-SiO}_2$ and $\text{K}_2\text{O-SiO}_2$ Systems. <i>Journal of the American Ceramic Society</i> , 1993, 76, 2059-2064.	1.9	85
89	Critical Evaluation and Optimization of the Thermodynamic Properties and Phase Diagrams of the CaO-FeO , CaO-MgO , CaO-MnO , FeO-MgO , FeO-MnO , and MgO-MnO Systems. <i>Journal of the American Ceramic Society</i> , 1993, 76, 2065-2075.	1.9	129
90	Critical evaluation and optimization of the thermodynamic properties and phase diagrams of the MnO-TiO_2 , MgO-TiO_2 , FeO-TiO_2 , $\text{Ti}_2\text{O}_3-\text{TiO}_2$, $\text{Na}_2\text{O-TiO}_2$, and $\text{K}_2\text{O-TiO}_2$ systems. <i>Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science</i> , 1993, 24, 795-805.	0.5	134

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91	Critical evaluation and optimization of the thermodynamic properties and phase diagrams of the CaO-Al ₂ O ₃ , Al ₂ O ₃ -SiO ₂ , and CaO-Al ₂ O ₃ -SiO ₂ systems. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science, 1993, 24, 807-816.	0.5	270
92	Calculation of sulfide capacities of multicomponent slags. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science, 1993, 24, 817-825.	0.5	59
93	Prediction of vapor-liquid and liquid-liquid equilibria and thermodynamic properties of multicomponent organic systems from optimized binary data using the Kohler method. Fluid Phase Equilibria, 1993, 85, 101-128.	1.4	6
94	Critical evaluation and optimization of the thermodynamic properties and phase diagrams of the MgO-Al ₂ O ₃ , MnO-Al ₂ O ₃ , FeO-Al ₂ O ₃ , Na ₂ O-Al ₂ O ₃ , and K ₂ O-Al ₂ O ₃ systems. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 1993, 17, 189-205.	1.7	64
95	Prediction of the Thermodynamic Properties and Phase Diagrams of Silicate Systems-Evaluation of the FeO-MgO-SiO ₂ System.. ISIJ International, 1993, 33, 26-35.	0.6	123
96	Coupled thermodynamic-phase diagram assessment of the rare earth oxide-aluminium oxide binary systems. Journal of Alloys and Compounds, 1992, 179, 259-287.	2.8	206
97	Prediction of vapor-liquid equilibria and thermodynamic properties for a quinary hydrocarbon system from optimized binary data using the kohler method. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 1992, 16, 93-106.	0.7	3
98	The unified interaction parameter formalism: Thermodynamic consistency and applications. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1990, 21, 1997-2002.	1.4	82
99	Coupled Phase Diagram/Thermodynamic Analysis of the Nine Commonâ€¢Ion Binary Systems Involving the Carbonates and Sulfates of Lithium, Sodium, and Potassium. Journal of the Electrochemical Society, 1990, 137, 2941-2950.	1.3	42
100	Coupled Phase Diagram-Thermodynamic Analysis of the 24 Binary Systems, A ₂ CO ₃ -AX and A ₂ SO ₄ -AX Where A=Li, Na, K and X=Cl, F, NO ₃ , OH. Journal of Physical and Chemical Reference Data, 1990, 19, 1149-1178.	1.9	26
101	A database and sublattice model for molten salts. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 1988, 12, 127-142.	0.7	44
102	Electromotive force measurements in liquid Kâ€“Te solutions with a potassium \hat{I}^2 alumina electrolyte. Journal of Chemical Physics, 1988, 89, 5070-5077.	1.2	26
103	Electromotive Force Measurements in Molten Rbâ€“Bi Alloys with a Rubidium \hat{I}^2 â€“Alumina Electrolyte. Journal of the Electrochemical Society, 1988, 135, 2754-2760.	1.3	36
104	Phase Diagrams and Thermodynamic Properties of the 70 Binary Alkali Halide Systems Having Common Ions. Journal of Physical and Chemical Reference Data, 1987, 16, 509-561.	1.9	240
105	Thermodynamic analysis of binary liquid silicates and prediction of ternary solution properties by modified quasichemical equations. Geochimica Et Cosmochimica Acta, 1987, 51, 85-95.	1.6	151
106	Simultaneous optimization of binary phase equilibrium and thermodynamic data for organic systems. Industrial & Engineering Chemistry Research, 1987, 26, 1774-1781.	1.8	3
107	Measurement and calculation of the phase diagram of the LiCl-BaCl ₂ -SrCl ₂ system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 1987, 11, 277-286.	0.7	8
108	An Efficient Procedure for Computing Isothermal Predominance Diagrams. Canadian Metallurgical Quarterly, 1986, 25, 107-112.	0.4	15

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109	Thermodynamic analysis of ordered liquid solutions by a modified quasichemical approach."Application to silicate slags. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science, 1986, 17, 805-815.	0.5	371
110	A modified interaction parameter formalism for non-dilute solutions. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1986, 17, 1211-1215.	1.4	115
111	Phase diagram measurements and thermodynamic analysis of the PbCl ₂ -NaCl, PbCl ₂ -KCl, and PbCl ₂ -KCl-NaCl systems. Canadian Journal of Chemistry, 1985, 63, 3276-3282.	0.6	18
112	Coupled phase diagram and thermodynamic analysis of the 18 binary systems formed among Li ₂ Co ₃ , K ₂ Co ₃ , Na ₂ Co ₃ , LiOH, KOH, NaOH, Li ₂ SO ₄ , K ₂ SO ₄ and Na ₂ SO ₄ . Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 1982, 6, 255-278.	0.7	31