Susan V Meschel

List of Publications by Year
in descending order

52 papers	1,612 citations	257101 24 h-index	315357 38 g-index
53 all docs	53 docs citations	53 times ranked	845 citing authors

#	Article	IF	Citations
1	Thermochemistry of alloys of transition metals and lanthanide metals with some IIIB and IVB elements in the periodic table. Journal of Alloys and Compounds, 2001, 321, 183-200.	2.8	134
2	Standard enthalpies of formation of 4d aluminides by direct synthesis calorimetry. Journal of Alloys and Compounds, 1993, 191, 111-116.	2.8	109
3	Standard enthalpies of formation of some 3d transition metal carbides by high temperature reaction calorimetry. Journal of Alloys and Compounds, 1997, 257, 227-233.	2.8	100
4	Standard enthalpies of formation of some 3d transition metal silicides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1998, 267, 128-135.	2.8	91
5	Standard enthalpies of formation of some 4d transition metal silicides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1998, 274, 193-200.	2.8	89
6	Standard enthalpies of formation of 5d aluminides by high-temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1993, 197, 75-81.	2.8	70
7	First-principles studies of structural stabilities and enthalpies of formation of refractory intermetallics: TM and TM3 (TÂ=ÂTi, Zr, Hf; MÂ=ÂRu, Rh, Pd, Os, Ir, Pt). Intermetallics, 2012, 28, 16-24.	1.8	70
8	Standard enthalpies of formation of some 3d, 4d and 5d transition-metal stannides by direct synthesis calorimetry. Thermochimica Acta, 1998, 314, 205-212.	1.2	50
9	Standard enthalpies of formation of some 5d transition metal silicides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1998, 280, 231-239.	2.8	49
10	Standard enthalpies of formation of some borides of Ce, Pr, Nd and Gd by high-temperature reaction calorimetry. Journal of Alloys and Compounds, 1995, 221, 37-41.	2.8	42
11	The standard enthalpies of formation of some intermetallic compounds of transition metals by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2006, 415, 143-149.	2.8	37
12	Thermochemistry of some binary alloys of noble metals (Cu, Ag, Au) and transition metals by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2003, 350, 205-212.	2.8	36
13	The standard enthalpies of formation of binary intermetallic compounds of some late 4d and 5d transition metals by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2010, 492, 105-115.	2.8	36
14	Standard enthalpies of formation of some carbides, silicides and germanides of cerium and praseodymium. Journal of Alloys and Compounds, 1995, 220, 88-93.	2.8	32
15	Standard enthalpies of formation of some refractory borides of 4d and 5d elements from high-temperature direct synthesis calorimetry. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1993, 90, 349-354.	0.2	31
16	Standard enthalpies of formation of some transition metal indium compounds by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2002, 333, 91-98.	2.8	30
17	The standard enthalpies of formation of some binary intermetallic compounds of lanthanideâ€“iron systems by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2013, 554, 232-239.	2.8	30
18	Standard enthalpies of formation of some 3d transition metal gallides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1999, 290, 150-156.	2.8	29

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19	Standard enthalpies of formation of some lutetium alloys by high-temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1995, 224, 345-350.	2.8	28
20	Standard enthalpies of formation of some neodymium and gadolinium carbides, silicides and germanides by high-temperature direct-synthesis calorimetry. Journal of Alloys and Compounds, 1995, 217, 235-239.	2.8	28
21	Standard enthalpies of formation of some rare earth carbides by direct synthesis calorimetry. Journal of Alloys and Compounds, 1994, 205, 165-168.	2.8	27
22	Standard enthalpies of formation of some rare earth stannides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1996, 238, 180-186.	2.8	26
23	Standard enthalpies of formation of some carbides, silicides, germanides, stannides and borides of Dysprosium by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1996, 233, 272-278.	2.8	25
24	Standard enthalpies of formation of some lanthanide gallides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2001, 319, 204-209.	2.8	25
25	Thermochemistry of some binary alloys of gold with the lanthanide metals by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2004, 363, 242-247.	2.8	25
26	Standard enthalpies of formation of some carbides, silicides, germanides and stannides of samarium by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1996, 243, 186-193.	2.8	23
27	The standard enthalpies of formation of some intermetallic compounds of early 4d and 5d transition metals by high temperature direct synthesis calorimetry. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2009, 33, 55-62.	0.7	23
28	Standard enthalpies of formation of some 4d transition metal gallides by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2000, 297, 162-167.	2.8	22
29	Determination of the standard enthalpies of formation of Pd2Ga and PdGa by high-temperature direct synthesis calorimetry. Thermochimica Acta, 1997, 292, 13-17.	1.2	21
30	Standard enthalpies of formation of AlB12 and Al4C3 by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1995, 227, 93-96.	2.8	20
31	Standard enthalpies of formation of some borides of Ce, Pr, Nd and Gd by high-temperature reaction calorimetry. Journal of Alloys and Compounds, 1995, 226, 243-247.	2.8	20
32	Standard enthalpies of formation of some carbides, silicides, germanides, stannides and borides of terbium determined by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1996, 234, 137-142.	2.8	20
33	Standard enthalpies of formation of some carbides, silicides, germanides and borides of holmium by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 1997, 247, 52-56.	2.8	20
34	Standard enthalpies of formation of some thulium alloys by high temperature direct synthesis calorimetry.. Journal of Alloys and Compounds, 1999, 285, 179-184.	2.8	20
35	Thermochemistry of some binary alloys of copper with the lanthanide metals by high-temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2005, 388, 91-97.	2.8	20
36	Recent thermochemical studies of the binary alloys of Er with group IVB elements by high temperature direct synthesis calorimetry. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1997, 94, 928-938.	0.2	19

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37	Thermochemistry of some binary alloys of silver with the lanthanide metals by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2004, 376, 73-78.	2.8	18
38	Thermochemistry of some binary alloys of Samarium with the noble metals (Cu, Ag, Au) by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2006, 416, 93-97.	2.8	15
39	Standard enthalpies of formation of some Lanthanideâ€“Cobalt binary alloys by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2013, 578, 465-470.	2.8	15
40	Enthalpies of formation of refractory borides of 5d elements by high temperature direct synthesis calorimetry I. IrB1.35 and OsB2.5. Journal of Alloys and Compounds, 1991, 177, 159-166.	2.8	14
41	The thermochemical behavior of some binary shape memory alloys by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2011, 509, 5256-5262.	2.8	12
42	Standard enthalpies of formation of some 5d transition metal gallides by high-temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2000, 311, 241-247.	2.8	11
43	A brief history of heat measurements by calorimetry with emphasis on the thermochemistry of metallic and metal-nonmetal compounds. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2020, 68, 101714.	0.7	11
44	Redetermination of the standard enthalpy of formation of Lu5Ge3 by high temperature, direct synthesis calorimetry. Journal of Alloys and Compounds, 1996, 245, L28-L29.	2.8	10
45	Note on the standard enthalpies of formation of Ta5Ge3 and OsGe2 by direct synthesis calorimetry. Journal of Alloys and Compounds, 1994, 216, L13-L15.	2.8	8
46	Standard enthalpies of formation of some lanthanide indium compounds by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2002, 337, 115-119.	2.8	7
47	Thermochemistry of some binary lead and transition metal compounds by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2015, 633, 183-187.	2.8	5
48	A Modern Dilemma for Chemistry and Civic Responsibility: The Tragic Life of Clara Immerwahr. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 603-609.	0.6	3
49	Thermochemistry of some Zinc-Transition metal(TM) compounds and some Bismuth-TM compounds by high temperature direct synthesis calorimetry. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 64, 131-138.	0.7	3
50	Women scientists and physicians of antiquity and the Middle Ages. Journal of Chemical Education, 1991, 68, 101.	1.1	2
51	The thermochemistry of some 5:3 binary lanthanideâ€“lead compounds by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2016, 656, 88-93.	2.8	1
52	Enthalpies of formation of some 3d Transition Metal-Antimony compounds by high temperature direct synthesis calorimetry. Journal of Alloys and Compounds, 2020, 849, 156621.	2.8	0