

# Ken Kurosaki

## List of Publications by Citations

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11,306  
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#	Paper	IF	Citations
403	Enhancement of thermoelectric efficiency in PbTe by distortion of the electronic density of states. <i>Science</i> , <b>2008</b> , 321, 554-7	33.3	2900
402	Chalcopyrite CuGaTe <sub>2</sub> : a high-efficiency bulk thermoelectric material. <i>Advanced Materials</i> , <b>2012</b> , 24, 3622-6	24	245
401	Thermoelectric properties of rare earth doped SrTiO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 350, 292-295	3.5	225
400	Ag <sub>9</sub> TlTe <sub>5</sub> : A high-performance thermoelectric bulk material with extremely low thermal conductivity. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 061919	3.4	209
399	Thermoelectric properties of CoSb <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 315, 193-197	5.7	185
398	Thermophysical properties of BaZrO <sub>3</sub> and BaCeO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 359, 109-113	5.7	157
397	Thermoelectric properties of reduced and La-doped single-crystalline SrTiO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 392, 306-309	5.7	148
396	Thermoelectric properties of doped BaTiO <sub>3</sub> /SrTiO <sub>3</sub> solid solution. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 368, 22-24	5.7	104
395	Thermophysical properties of SrHfO <sub>3</sub> and SrRuO <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 3484-3489	5.3	96
394	Thermoelectric properties of Ag <sub>1-x</sub> GaTe <sub>2</sub> with chalcopyrite structure. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 061902	3.4	95
393	Thermochemical and thermophysical properties of alkaline-earth perovskites. <i>Journal of Nuclear Materials</i> , <b>2005</b> , 344, 61-66	3.3	95
392	Thermal and mechanical properties of polycrystalline BaSnO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 416, 214-217	5.7	91
391	Photoelectrochemical study of lanthanide zirconium oxides, Ln <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> (Ln=La, Ce, Nd and Sm). <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 420, 291-297	5.7	89
390	High-temperature thermoelectric properties of Nb-doped MNiSn (M = Ti, Zr) half-Heusler compound. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 469, 50-55	5.7	83
389	Evaluation of thermal properties of uranium dioxide by molecular dynamics. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 307, 10-16	5.7	81
388	Thermal expansion and melting temperature of the half-Heusler compounds: MNiSn (M=Ti, Zr, Hf). <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 489, 328-331	5.7	75
387	Thermal and mechanical properties of perovskite-type barium hafnate. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 407, 44-48	5.7	70

386	Thermoelectric properties of $\text{Bi}$ - and $\text{Ag}_2\text{Te}$ . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 393, 299-301	5.7	69
385	Thermoelectric properties of Sn-doped $\text{TiCoSb}$ half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 407, 326-329	5.7	69
384	Heat capacities and thermal conductivities of perovskite type $\text{BaZrO}_3$ and $\text{BaCeO}_3$ . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 359, 1-4	5.7	66
383	High-temperature thermoelectric properties of $\text{Cu}_1\text{InTe}_2$ with a chalcopyrite structure. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 042108	3.4	65
382	Effect of porosity on thermal and electrical properties of polycrystalline bulk $\text{ZrN}$ prepared by spark plasma sintering. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 432, 7-10	5.7	65
381	Thermoelectric properties of $\text{Tl}_9\text{BiTe}_6$ . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 352, 275-278	5.7	65
380	High-Thermoelectric Figure of Merit Realized in p-Type Half-Heusler Compounds: $\text{ZrCoSn}_x\text{Sb}_{1-x}$ . <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, L673-L675	1.4	64
379	Unexpectedly low thermal conductivity in natural nanostructured bulk $\text{Ga}_2\text{Te}_3$ . <i>Applied Physics Letters</i> , <b>2008</b> , 93, 012101	3.4	62
378	Molecular dynamics study of mixed oxide fuel. <i>Journal of Nuclear Materials</i> , <b>2001</b> , 294, 160-167	3.3	62
377	High temperature phase transitions of $\text{SrZrO}_3$ . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 351, 43-46	5.7	61
376	Characteristics of zirconium hydride and deuteride. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 330-332, 99-104	5.7	61
375	Thermoelectric properties of thallium antimony telluride. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 376, 43-48	5.7	55
374	Thermoelectric properties of $\text{NaCo}_2\text{O}_4$ . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 315, 234-236	5.7	54
373	Bottom-up nanostructured bulk silicon: a practical high-efficiency thermoelectric material. <i>Nanoscale</i> , <b>2014</b> , 6, 13921-7	7.7	52
372	Thermal properties of zirconium hydride. <i>Journal of Nuclear Materials</i> , <b>2001</b> , 294, 94-98	3.3	52
371	Substitution Effect on Thermoelectric Properties of $\text{ZrNiSn}$ Based Half-Heusler Compounds. <i>Materials Transactions</i> , <b>2006</b> , 47, 1453-1457	1.3	51
370	Synthesis, mechanical and magnetic properties of transition metals-doped $\text{Ca}_3\text{Co}_{3.8}\text{M}_0.2\text{O}_9$ . <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 503, 431-435	5.7	50
369	Thermal and mechanical properties of $\text{SrHfO}_3$ . <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 381, 295-300	5.7	49

368	Thermoelectric properties of heavily boron- and phosphorus-doped silicon. <i>Japanese Journal of Applied Physics</i> , <b>2015</b> , 54, 071301	1.4	48
367	Evaluation of thermal properties of mixed oxide fuel by molecular dynamics. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 307, 1-9	5.7	48
366	Thermoelectric properties of TlBiTe <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 351, 279-282	5.7	46
365	Oxidative dehydrogenation of iso-butane to iso-butene I. Metal phosphate catalysts. <i>Applied Catalysis A: General</i> , <b>1998</b> , 167, 49-56	5.1	44
364	Thermophysical Properties of Perovskite-Type Strontium Cerate and Zirconate. <i>Journal of the American Ceramic Society</i> , <b>2005</b> , 88, 1496-1499	3.8	44
363	Thermoelectric properties of BaSi <sub>2</sub> , SrSi <sub>2</sub> , and LaSi. <i>Journal of Applied Physics</i> , <b>2007</b> , 102, 063703	2.5	43
362	Effect of spark plasma sintering temperature on thermoelectric properties of (Ti,Zr,Hf)NiSn half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 397, 296-299	5.7	43
361	Electrical and thermal properties of titanium hydrides. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 420, 25-28	5.7	43
360	High temperature thermoelectric properties of CoTiSb half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 384, 308-311	5.7	43
359	Thermoelectric properties of BaUO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 319, 271-275	5.7	43
358	Thermal and mechanical properties of uranium nitride prepared by SPS technique. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 6429-6434	4.3	42
357	High-temperature thermoelectric properties of thallium-filled skutterudites. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 202107	3.4	41
356	Annealing effect on thermoelectric properties of TiCoSb half-Heusler compound. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 394, 122-125	5.7	41
355	Thermal and electrical properties of zirconium nitride. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 399, 242-244	5.7	40
354	Thermoelectric Properties of (Ti,Zr,Hf)CoSb Type Half-Heusler Compounds. <i>Materials Transactions</i> , <b>2005</b> , 46, 1481-1484	1.3	40
353	Thermoelectric and thermophysical properties of ErPdX (X=Sb and Bi) half-Heusler compounds. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 103701	2.5	39
352	Thermoelectric properties of perovskite type barium molybdate. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 372, 65-69	5.7	39
351	Electrical properties of $\text{Hf}$ - and $\text{Ag}$ 2Te. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 387, 297-299	5.7	37

350	Thermal conductivity of titanium dioxide films grown by metal-organic chemical vapor deposition. <i>Surface and Coatings Technology</i> , <b>2008</b> , 202, 3067-3071	4.4	36
349	Some properties of a lead vanado-iodoapatite $Pb_{10}(VO_4)_6I_2$ . <i>Journal of Nuclear Materials</i> , <b>2001</b> , 294, 119-122	3.3	36
348	The effect of Cr substitution on the structure and properties of misfit-layered $Ca_3Co_4 \square Cr_xO_9 + \square$ thermoelectric oxides. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 588, 199-205	5.7	35
347	Thermoelectric and Thermophysical Properties of TiCoSb-ZrCoSb-HfCoSb Pseudo Ternary System Prepared by Spark Plasma Sintering. <i>Materials Transactions</i> , <b>2006</b> , 47, 1445-1448	1.3	35
346	Low-thermal-conductivity group 13 chalcogenides as high-efficiency thermoelectric materials. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2013</b> , 210, 82-88	1.6	34
345	Effect of Vacancy Distribution on the Thermal Conductivity of $Ga_2Te_3$ and $Ga_2Se_3$ . <i>Journal of Electronic Materials</i> , <b>2011</b> , 40, 999-1004	1.9	34
344	Thermophysical properties of several nitrides prepared by spark plasma sintering. <i>Journal of Nuclear Materials</i> , <b>2009</b> , 389, 186-190	3.3	34
343	Thermoelectric properties of $Ag_{1-x}Pb_{18}SbTe_{20}$ ( $x = 0, 0.1, 0.3$ ). <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 387, 52-55	5.7	34
342	Thermoelectric properties of perovskite type strontium ruthenium oxide. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 387, 56-59	5.7	34
341	Thermoelectric properties of stoichiometric $Ag_{1-x}Pb_{18}SbTe_{20}$ ( $x = 0, 0.1, 0.2$ ). <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 391, 288-291	5.7	34
340	Physical properties of polycrystalline $SrVO_3 \square$ . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 426, 46-50	5.7	34
339	Thermoelectric properties of Ga-added $CoSb_3$ based skutterudites. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 013521	2.5	33
338	Effect of Sn doping on the thermoelectric properties of $ErNiSb$ -based p-type half-Heusler compound. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 062115	3.4	33
337	High temperature thermoelectric properties of $NiZrSn$ half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 364, 59-63	5.7	33
336	Thermoelectric power and electrical resistivity of Ag-doped $Na_{1.5}Co_2O_4$ . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 407, 314-317	5.7	32
335	Thermoelectric properties of layered rare earth copper oxides. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 349, 321-324	5.7	32
334	Fabrication of oxide nanohole arrays by a liquid phase deposition method. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 373, 312-315	5.7	32
333	Thermophysical properties of $BaUO_3$ . <i>Journal of Nuclear Materials</i> , <b>2001</b> , 294, 99-103	3.3	32

332	Thermoelectric properties of $TlXTe$ (X=Ge, Sn, and Pb) compounds with low lattice thermal conductivity. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 063705	2.5	31
331	FeNbSb p-type half-Heusler compound: beneficial thermomechanical properties and high-temperature stability for thermoelectrics. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 6677-6681	7.1	30
330	Heavily doped silicon and nickel silicide nanocrystal composite films with enhanced thermoelectric efficiency. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 134311	2.5	30
329	Porosity influence on the mechanical properties of polycrystalline zirconium nitride ceramics. <i>Journal of Nuclear Materials</i> , <b>2006</b> , 358, 106-110	3.3	30
328	Reinvestigation of the thermoelectric properties of $Ag_8GeTe_6$ . <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2008</b> , 2, 65-67	2.5	28
327	Thermoelectric properties of constantan/spherical $SiO_2$ and $Al_2O_3$ particles composite. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 359, 326-329	5.7	28
326	Thermoelectric properties of Ti- and Sn-doped $\beta$ - $Fe_2O_3$ . <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 335, 200-202	5.7	28
325	Nanoindentation tests for $TiO_2$ , MgO, and YSZ single crystals. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 386, 261-264	5.7	27
324	Thermoelectric properties of $Ag_8GeTe_6$ . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 396, 280-282	5.7	27
323	Thermoelectric Characterization of $(Ga,In)_2Te_3$ with Self-Assembled Two-Dimensional Vacancy Planes. <i>Journal of Electronic Materials</i> , <b>2009</b> , 38, 1392-1396	1.9	26
322	Effect of Phase Transition on the Thermoelectric Properties of $Ag_2Te$ . <i>Materials Transactions</i> , <b>2012</b> , 53, 1216-1219	1.3	26
321	Oxygen potentials of $(U_{0.685}Pu_{0.270}Am_{0.045})O_{2-x}$ solid solution. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 397, 110-114	5.7	26
320	Oxygen potential of $(Pu_{0.91}Am_{0.09})O_{2-x}$ . <i>Journal of Nuclear Materials</i> , <b>2006</b> , 357, 69-76	3.3	26
319	Mechanical and thermal properties of bulk $ZrB_2$ . <i>Journal of Nuclear Materials</i> , <b>2015</b> , 467, 612-617	3.3	25
318	High-temperature thermoelectric properties of $Cu_2Ga_4Te_7$ with defect zinc-blende structure. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 172104	3.4	25
317	Thermal and electrical properties of perovskite-type strontium molybdate. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 390, 314-317	5.7	25
316	Nanoindentation studies of $UO_2$ and $(U,Ce)O_2$ . <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 381, 240-244	5.7	25
315	Reduction of thermal conductivity in $PbTe:Ti$ by alloying with $TlSbTe_2$ . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	24

314	Effect of the Amount of Vacancies on the Thermoelectric Properties of Cu&dash;Ga&dash;Te Ternary Compounds. <i>Materials Transactions</i> , <b>2012</b> , 53, 1212-1215	1.3	24
313	Thermoelectric and Thermophysical Characteristics of Cu <sub>2</sub> Te-Tl <sub>2</sub> Te Pseudo Binary System. <i>Materials Transactions</i> , <b>2006</b> , 47, 1432-1435	1.3	24
312	Substitution effect on the thermoelectric properties of alkaline earth titanate. <i>Materials Letters</i> , <b>2004</b> , 58, 3868-3871	3.3	24
311	Thermal properties of titanium hydrides. <i>Journal of Nuclear Materials</i> , <b>2005</b> , 344, 298-300	3.3	24
310	A molecular dynamics study of the heat capacity of uranium mononitride. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 297, 1-4	5.7	24
309	Synthesis and thermoelectric properties of silicon- and manganese-doped Ru <sub>1-x</sub> Fe <sub>x</sub> Al <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 493, 17-21	5.7	23
308	Thermomechanical properties of calcium series perovskite-type oxides. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 504, 201-204	5.7	23
307	A molecular dynamics study of the thermal conductivity of uranium mononitride. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 311, 305-310	5.7	23
306	Measurements of Thermal Rate Constants for the Reactions of N(2D,2P) with C <sub>2</sub> H <sub>4</sub> and C <sub>2</sub> D <sub>4</sub> between 225 and 292 K. <i>Journal of Physical Chemistry A</i> , <b>1999</b> , 103, 8650-8656	2.8	23
305	Thermophysical properties of Th <sub>1-x</sub> U <sub>x</sub> O <sub>2</sub> pellets prepared by spark plasma sintering technique. <i>Journal of Nuclear Science and Technology</i> , <b>2013</b> , 50, 181-187	1	22
304	Ag <sub>8</sub> SiTe <sub>6</sub> : A New Thermoelectric Material with Low Thermal Conductivity. <i>Japanese Journal of Applied Physics</i> , <b>2009</b> , 48, 011603	1.4	22
303	Electrical properties of Ag <sub>1-x</sub> Pb <sub>18</sub> SbTe <sub>20</sub> (x = 0, 0.1, 0.3). <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 386, 315-318	5.7	22
302	Thermal properties of polycrystalline sintered SrY <sub>2</sub> O <sub>4</sub> . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 395, 318-321	3.7	22
301	Thermoelectric properties of titanium-based half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 384, 51-56	5.7	22
300	Thermoelectric properties of Mo <sub>3</sub> Te <sub>4</sub> . <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 334, 317-323	5.7	22
299	Enhanced Thermoelectric Properties of Silicon via Nanostructuring. <i>Materials Transactions</i> , <b>2016</b> , 57, 1018-1021	1.3	22
298	Thermoelectric Properties of Indium-Added Skutterudites In <sub>x</sub> Co <sub>4</sub> Sb <sub>12</sub> . <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 1463-1468	1.9	21
297	Synthesis of silicon and molybdenum&dash;silicide nanocrystal composite films having low thermal conductivity. <i>Thin Solid Films</i> , <b>2013</b> , 534, 238-241	2.2	21

- 296 Molecular dynamics studies of neptunium dioxide. *Journal of Alloys and Compounds*, **2005**, 387, 9-14 5.7 21
- 295 Thermophysical properties of  $Tl_9BiTe_6$  and  $TlBiTe_2$ . *Journal of Alloys and Compounds*, **2003**, 351, 14-17 5.7 21
- 294 Thermophysical properties of  $Fe_2VAl$ . *Journal of Alloys and Compounds*, **2003**, 352, 48-51 5.7 21
- 293 Thermophysical properties of  $MoRuRhPd$  alloys. *Journal of Alloys and Compounds*, **2003**, 353, 269-273 5.7 21
- 292 Thermoelectric Properties of Thallium Compounds with Extremely Low Thermal Conductivity. *Materials Transactions*, **2005**, 46, 1502-1505 1.3 21
- 291 Mechanical and thermal properties of  $ZrSiO_4$ . *Journal of Nuclear Science and Technology*, **2017**, 54, 1267-1273 2.0 20
- 290 High-temperature thermoelectric properties of non-stoichiometric  $Ag_{1-x}In_xTe_2$  with chalcopyrite structure. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2012**, 177, 999-1002 3.1 20
- 289 Thermal Conductivity of the Ternary Compounds:  $AgMTe_2$  and  $AgM_5Te_8$  ( $M = Ga$  or  $In$ ). *Materials Transactions*, **2009**, 50, 1603-1606 1.3 20
- 288 Substitution effect on the thermoelectric properties of p-type half-Heusler compounds:  $ErNi_{1-x}PdxSb$ . *Journal of Applied Physics*, **2008**, 104, 013714 2.5 20
- 287 Thermophysical properties of  $BaY_2O_4$ : A new candidate material for thermal barrier coatings. *Materials Letters*, **2007**, 61, 2303-2306 3.3 20
- 286 Thermodynamic modelling and phase stability assessment of  $MO_2$  oxides with a fluorite structure. *Journal of Chemical Thermodynamics*, **2003**, 35, 719-731 2.9 20
- 285 Thermal and mechanical properties of polycrystalline  $U_3Si_2$  synthesized by spark plasma sintering. *Journal of Nuclear Science and Technology*, **2018**, 55, 1141-1150 1 20
- 284 Local structure of Fe in Fe-doped misfit-layered calcium cobaltite: An X-ray absorption spectroscopy study. *Journal of Solid State Chemistry*, **2013**, 204, 257-265 3.3 19
- 283 Lattice parameter and thermal conductivity of  $Th_{1-x}M_xO_2$  ( $M = Y, La, Ce, Nd, Gd$  and  $U$ ). *Journal of Nuclear Materials*, **2013**, 434, 124-128 3.3 19
- 282 Ab initio study of hydrogen diffusion in zirconium oxide. *Journal of Nuclear Science and Technology*, **2012**, 49, 544-550 1 19
- 281 Thermal and mechanical properties of  $(U,Er)O_2$ . *Journal of Nuclear Materials*, **2009**, 389, 115-118 3.3 19
- 280 Thermophysical properties of  $SrY_2O_4$ . *Journal of Alloys and Compounds*, **2005**, 398, 304-308 5.7 19
- 279 Thermoelectric properties of  $NaxCo_2O_4/Ag$  composites. *Journal of Alloys and Compounds*, **2006**, 414, 293-297 5.7 19



278	The low-temperature heat capacity and entropy of SrZrO <sub>3</sub> and BaZrO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 424, 1-3	5.7	19
277	High temperature thermoelectric properties of (Fe <sub>1-x</sub> V <sub>x</sub> ) <sub>3</sub> Al Heusler type compounds. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 349, 37-40	5.7	19
276	Thermal properties of SrCeO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 352, 52-56	5.7	19
275	Heat capacity measurement of BaUO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 322, 77-81	5.7	19
274	The Nanometer-Sized Eutectic Structure of Si/CrSi <sub>2</sub> Thermoelectric Materials Fabricated by Rapid Solidification. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 2330-2336	1.9	18
273	Thermoelectric properties of Chevrel phase Mo <sub>6</sub> Te <sub>8-x</sub> S <sub>x</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 351, 208-211	5.7	18
272	Thermophysical properties of NiZrSn <sub>1-x</sub> Sb <sub>x</sub> half-Heusler compounds. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 381, 9-11	5.7	18
271	Density and viscosity of liquid ZrO measured by aerodynamic levitation technique. <i>Heliyon</i> , <b>2019</b> , 5, e02049	5.7	17
270	Enhancement of thermoelectric properties of CoSb <sub>3</sub> -based skutterudites by double filling of Tl and In. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 043509	2.5	17
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268	Study on the formation process of titania nanohole arrays. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 386, 265-269	5.7	17
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