

# Vladimir Sechovsky

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7802364/vladimir-sechovsky-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

585  
papers

6,164  
citations

35  
h-index

50  
g-index

614  
ext. papers

6,616  
ext. citations

3  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
585	Study of a magnetic-cooling material Gd(OH)CO <sub>3</sub> . <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 9851-9858	13	131
584	Anion-templated assembly and magnetocaloric properties of a nanoscale {Gd <sub>38</sub> } cage versus a {Gd <sub>48</sub> } barrel. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14876-85	4.8	128
583	Systematics across the UTX series (T = Ru, Co, Ni; X = Al, Ga, Sn) of high-field and low-temperature properties of non-ferromagnetic compounds. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1986</b> , 142, 283-293		105
582	A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF <sub>3</sub> . <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 12206-12211	7.1	93
581	Magnetic properties of the 5f itinerant electron metamagnet UCoAl under high pressure. <i>Physical Review B</i> , <b>1999</b> , 59, 6877-6885	3.3	86
580	Gadolinium(III)-hydroxy ladders trapped in succinate frameworks with optimized magnetocaloric effect. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13504-10	4.8	81
579	Thermal properties of metamagnetic transition in heavy-fermion systems. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 271-276	2.8	76
578	Chapter 1 Magnetism of ternary intermetallic compounds of uranium. <i>Handbook of Magnetic Materials</i> , <b>1998</b> , 11, 1-289	1.3	72
577	Continuous synthesis of fine MgFe <sub>2</sub> O <sub>4</sub> nanoparticles by supercritical hydrothermal reaction. <i>Journal of Supercritical Fluids</i> , <b>2010</b> , 53, 92-94	4.2	70
576	Magnetic ordering in U <sub>2</sub> Pd <sub>2</sub> In and U <sub>2</sub> Pd <sub>2</sub> Sn. <i>Physical Review B</i> , <b>1994</b> , 50, 6792-6801	3.3	64
575	Electronic properties of UNiAl in high magnetic fields. <i>Physical Review B</i> , <b>1994</b> , 49, 8852-8863	3.3	63
574	Giant magnetoresistance effects in intermetallic compounds (invited). <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6913-6918	2.5	60
573	Magnetic and transport properties of the intermetallic compound Y <sub>4</sub> Co <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1980</b> , 21, 191-195	2.8	58
572	Giant magnetoresistance effects in UNiGa. <i>Journal of Applied Physics</i> , <b>1991</b> , 70, 5794-5796	2.5	57
571	Chapter 4 Intermetallic compounds of actinides. <i>Handbook of Ferromagnetic Materials</i> , <b>1988</b> , 309-491		56
570	Switching of the magnetocaloric effect of Mn(II) glycolate by water molecules. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3029-35	4.8	53
569	Anisotropic effects in the antiferromagnetic Kondo compound CePtSn. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 183, 108-114	2.8	50

568	Heavy fermion behavior of U <sub>2</sub> T <sub>2</sub> X compounds. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6214-6216	2.5	49
567	Magnetism in U <sub>2</sub> T <sub>2</sub> X compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1367-1368		47
566	Magnetic, electrical, and specific-heat properties of UPdSn and UAuSn. <i>Physica B: Condensed Matter</i> , <b>1992</b> , 176, 275-287	2.8	47
565	Specific-heat anomaly of metamagnetism on PrFe <sub>4</sub> P <sub>12</sub> and UCoAl. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 220-222	2.8	45
564	5f-ligand hybridization and magnetism in UTX compounds. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 103-106		45
563	Magnetic anisotropy in UTX compounds. <i>Physica B: Condensed Matter</i> , <b>1992</b> , 177, 159-163	2.8	44
562	Magnetic properties of single crystals of ErFe <sub>11</sub> Ti and LuFe <sub>11</sub> Ti. <i>Journal of the Less Common Metals</i> , <b>1988</b> , 144, L21-L24		43
561	Importance of anharmonic terms in the analysis of the specific heat of UNi <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	42
560	Low temperature magnetic structures of UPdSn. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1991</b> , 98, 147-154	2.8	42
559	U ternaries with ZrNiAl structure lattice properties. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 322, 7-13	5.7	40
558	Giant magnetoresistance related transport properties in multilayers and bulk materials (invited). <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6919-6924	2.5	39
557	Specific heat and magnetic behavior of UTGe compounds. <i>Journal of Applied Physics</i> , <b>1990</b> , 67, 5215-5217	2.5	39
556	Effects of external pressure on the 5f-band metamagnetism in UCoAl. <i>Physical Review B</i> , <b>1997</b> , 55, 5847-5850	3.9	38
555	The extent of localisation of the Fe moment in Y(Fe <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> and Zr(Fe <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> -a comparison of the magnetic properties. <i>Journal of Physics F: Metal Physics</i> , <b>1982</b> , 12, 1209-1226		38
554	Neutron diffraction study of magnetic structures in TbNiAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1997</b> , 166, 133-140	2.8	37
553	Magnetic behaviour of RCuAl compounds. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 264, 38-42	5.7	37
552	Transport, magnetic, optical and thermodynamic properties of Bi <sub>2-x</sub> MnxSe <sub>3</sub> single crystals. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 3553-3558	2.8	37
551	Magnetism in RENiAl compounds. <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 5677-5679	2.5	36

550	Hybridization effects in U <sub>2</sub> T <sub>2</sub> X compounds: Magnetic structures of U <sub>2</sub> Rh <sub>2</sub> Sn and U <sub>2</sub> Ni <sub>2</sub> In. <i>Physical Review B</i> , <b>1996</b> , 53, 3263-3271	3.3	33
549	UPdIn: A New Magnetic Heavy-Fermion Compound. <i>Europhysics Letters</i> , <b>1988</b> , 7, 177-183	1.6	33
548	Magnetization densities in UCoAl studied by polarized neutron diffraction. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	32
547	Antiferromagnetic structure of UNiAl. <i>Physical Review B</i> , <b>1998</b> , 58, 2692-2698	3.3	32
546	Magnetic structure study of ErCuAl and ErNiAl. <i>Physica B: Condensed Matter</i> , <b>1996</b> , 225, 230-236	2.8	32
545	On the magnetic behaviour of some UvT compounds (v = Al, Ga, Sn; T = Transition metal). <i>Journal of the Less Common Metals</i> , <b>1986</b> , 121, 169-174		32
544	X-ray magnetic circular dichroism studies of 5f magnetism in UCoAl and UPtAl. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	31
543	The effect of local disorder on the magnetic, electric and thermal properties of RE(Fe <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> (RE=Gd, Dy). <i>Journal of Physics F: Metal Physics</i> , <b>1984</b> , 14, 981-1004		31
542	Electronic properties of a URhGe single crystal. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 311, 220-232	2.8	30
541	Development of magnetic order in the pseudo-ternary series ErNi <sub>1-x</sub> Cu <sub>x</sub> Al. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 283, 34-45	2.8	29
540	Magnetism and specific heat of UIrGa <sub>5</sub> and UPdGa <sub>5</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 11-12	2.8	29
539	Magnetic transitions in UNiGa. <i>Journal of Applied Physics</i> , <b>1991</b> , 69, 4813-4815	2.5	29
538	Single crystal study of the layered heavy fermion compounds Ce <sub>2</sub> PdIn <sub>8</sub> , Ce <sub>3</sub> PdIn <sub>11</sub> , Ce <sub>2</sub> PtIn <sub>8</sub> and Ce <sub>3</sub> PtIn <sub>11</sub> . <i>Journal of Crystal Growth</i> , <b>2014</b> , 397, 47-52	1.6	28
537	Magnetic properties of RCuAl and RNiAl compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1139-1140	2.8	28
536	Hybridization and magnetism in U(Ru, Rh)X, X=Al, Ga. <i>Physica B: Condensed Matter</i> , <b>1992</b> , 177, 164-168	2.8	28
535	Crystal structure, electrical transport properties and electronic structure of the VFe <sub>1-x</sub> Cu <sub>x</sub> Sb solid solution. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 402, 30-35	5.7	27
534	Magnetism of sol-gel fabricated CoFe <sub>2</sub> O <sub>4</sub> /BiO <sub>2</sub> nanocomposites. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 124304	2.5	27
533	The magnetic and transport properties of the compounds (Gd, Y) <sub>4</sub> Co <sub>3</sub> . <i>Journal of Physics F: Metal Physics</i> , <b>1980</b> , 10, 2819-2829		27

532	Influence of 3d-metal doping on magnetism of UCoAl. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 353, 12-16	5.7	26
531	Transport properties of the anisotropic itinerant-electron metamagnet UCoAl. <i>Physical Review B</i> , <b>2000</b> , 62, 13852-13855	3.3	26
530	Giant magnetoresistance and magnetic phase diagram of UNiGa. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6396	2.5	26
529	High-field magnetization of U2T2X compounds (T = Co, Ni, Rh, Pd, Ir, Pt and X = In, Sn). <i>Physica B: Condensed Matter</i> , <b>1994</b> , 201, 247-250	2.8	25
528	UTX compounds in high magnetic fields. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 175-178	2.8	25
527	Antiferromagnetic correlations in UNiAl. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 313-316	2.8	25
526	Commensurate and incommensurate magnetic structures of UNiGe. <i>Physical Review B</i> , <b>1996</b> , 54, 7201-7209	3.9	24
525	Structural discontinuity in the hexagonal RTAl compounds: Experiments and density-functional theory calculations. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	23
524	Effect of external pressure on the magnetism of UCo0.98Fe0.02Al. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	23
523	The role of hybridization in U(Ru,Rh)Al. <i>Journal of Applied Physics</i> , <b>1988</b> , 63, 3064-3066	2.5	23
522	Magnetization, Electrical Resistivity, Thermopower, and Neutron Diffraction in HoCu2. <i>Physica Status Solidi (B): Basic Research</i> , <b>1982</b> , 111, 195-201	1.3	23
521	Specific heat and magnetocaloric effect in UNiGa. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 186-188, 775-777	2.8	22
520	Specific heat measurements of (Ho, Y)Co2 and (Dy, Y)Co2. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 70, 162-164	2.8	22
519	Crystal structures and phase transitions of the van der Waals ferromagnet VI3. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	22
518	Magnetic excitations in non-collinear antiferromagnetic Weyl semimetal Mn3Sn. <i>Npj Quantum Materials</i> , <b>2018</b> , 3,	5	22
517	Magnetism, superconductivity, and quantum criticality in the multisite cerium heavy-fermion compound Ce3PtIn11. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	21
516	Magnetism of DyNi2B2C nanoparticle investigated with a quantum simulation model. <i>Physica Status Solidi (B): Basic Research</i> , <b>2012</b> , 249, 202-208	1.3	21
515	Neutron diffraction study of magnetic ordering in RNiAl compounds. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 234-236, 665-666	2.8	21

514	Anisotropic magnetic properties and specific-heat study of a TbFe <sub>2</sub> Si <sub>2</sub> single crystal. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	21
513	Neutron scattering study of the magnetic ordering in HoNiAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 159, 324-330	2.8	21
512	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 1214-1216	2	21
511	Anisotropy of magnetism in actinide and lanthanide intermetallics. <i>Journal of Alloys and Compounds</i> , <b>1994</b> , 207-208, 221-228	5.7	21
510	The origin of magnetism in UNi <sub>2</sub> Al: a simple band approach. <i>Solid State Communications</i> , <b>1981</b> , 40, 881-884	1.6	21
509	Field dependence of the superconducting transition and of the onset of magnetism in Y <sub>4</sub> Co <sub>3</sub> . <i>Solid State Communications</i> , <b>1981</b> , 40, 457-458	1.6	21
508	Coexistence of Antiferromagnetism and Superconductivity in Heavy Fermion Cerium Compound Ce <sub>3</sub> PdIn <sub>11</sub> . <i>Scientific Reports</i> , <b>2015</b> , 5, 15904	4.9	20
507	Magnetism in REPdSn (RE = La, Pr, Nd) compounds: A single-crystal study. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 478, 1-8	5.7	20
506	Co magnetism and related phenomena in the Er(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 182, 143-151	2.8	20
505	Magnetic Properties of a UPtAl Single Crystal. <i>Journal of the Physical Society of Japan</i> , <b>1999</b> , 68, 2426-2432	5.7	20
504	Influence of Y, Fe and Co substitutions on electronic properties of UNiAl. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 379-381	2.8	20
503	Superconductivity in the YIr <sub>2</sub> Si <sub>2</sub> and LaIr <sub>2</sub> Si <sub>2</sub> Polymorphs. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 104715	1.5	19
502	Superzone Gap Formation Evidenced by Specific Heat in UNiGa. <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 3312-3316	1.5	19
501	Magnetic properties of the UCo <sub>1-x</sub> Pt <sub>x</sub> Al solid solutions. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 265, 38-41	5.7	19
500	Structure and magnetism in RNi <sub>1-x</sub> Cu <sub>x</sub> Al (R = Er, Dy) compounds. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 155-157	5.7	19
499	Ferromagnetism induced in UCoAl under uniaxial pressure. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 334, 160-166	5.7	19
498	Specific-Heat Anomaly around Metamagnetic Transition in UCoAl. <i>Journal of the Physical Society of Japan</i> , <b>1999</b> , 68, 3922-3926	1.5	19
497	Magnetic phase diagram of UNiGa. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1379-1388	5.7	19

- 496 Hall effect and thermoelectric power in UNiGa. *Physical Review B*, **1996**, 54, 15330-15334 3.3 19
- 495 Low-temperature magnetic structure of UNiGe. *Physical Review B*, **1996**, 53, 758-765 3.3 19
- 494 Magnetic phases in unige. *Journal of Alloys and Compounds*, **1994**, 213-214, 536-539 5.7 19
- 493 Influence of Hydrogen on the Magnetic Properties of the U-Co System. *Physica Status Solidi A*, **1986**, 98, K47-K51 19
- 492 Band metamagnetism and related phenomena in Er(Co<sub>1-x</sub>Si<sub>x</sub>)<sub>2</sub>. *Journal of Applied Physics*, **1997**, 81, 4221-4223 2.5 18
- 491 Pressure effects on the magnetocaloric properties of MnFeP<sub>1-x</sub>As<sub>x</sub>. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, e1008-e1009 2.8 18
- 490 Magnetism in ErCo<sub>2</sub> under high pressure. *Physical Review B*, **2001**, 63, 3.3 18
- 489 Alloying and pressure-induced transitions between 5f-band metamagnetism and ferromagnetism. *Physical Review B*, **1999**, 60, 1122-1126 3.3 18
- 488 Magnetic properties of the UCo<sub>1-x</sub>Al solid solutions (T=Rh and Ir). *Journal of Alloys and Compounds*, **1999**, 284, 77-81 5.7 18
- 487 High-field magnetization studies of some U<sub>2</sub>T<sub>2</sub>X compounds. *Physica B: Condensed Matter*, **1995**, 211, 142-144 2.8 18
- 486 Magnetic anisotropy of UCoGa. *Journal of Applied Physics*, **1993**, 73, 6554-6556 2.5 18
- 485 Magnetic properties of TbNiAl. *Journal of Alloys and Compounds*, **1994**, 207-208, 254-256 5.7 18
- 484 Influence of Al-atoms on the spin fluctuation scattering in R(Co, Al)<sub>2</sub> compounds. *Physica B: Condensed Matter*, **1992**, 179, 111-116 2.8 18
- 483 Magnetic arrangement in the Dy(Fe<sub>1-x</sub>Al<sub>x</sub>)<sub>2</sub> pseudobinary laves phases. *Journal of Magnetism and Magnetic Materials*, **1983**, 31-34, 201-203 2.8 18
- 482 Onset of ferromagnetism in U(Co<sub>x</sub>Ni<sub>1-x</sub>)<sub>2</sub>. *Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics*, **1980**, 102, 277-281 18
- 481 Comment on "Emergence of a superconducting state from an antiferromagnetic phase in single crystals of the heavy fermion compound Ce<sub>2</sub>PdIn<sub>8</sub>". *Physical Review Letters*, **2010**, 104, 059701; author reply 059702 7.4 17
- 480 Magnetism in HoCo<sub>2</sub> and ErCo<sub>2</sub> under high pressure. *Journal of Alloys and Compounds*, **2001**, 317-318, 438-442 5.7 17
- 479 Magnetic properties of non-stoichiometric UNiGa. *Journal of Alloys and Compounds*, **1995**, 224, 244-248 5.7 17



- 478 Magnetic and crystallographic structures in UTX intermetallic compounds. *Journal of Alloys and Compounds*, **1994**, 213-214, 528-532 5.7 17
- 477 Development of the ground state within the UTSi system. *Journal of Applied Physics*, **1991**, 69, 4702-4704.5 17
- 476 High resolution photoemission on UPdSn and UNiAl. *Journal of Alloys and Compounds*, **1992**, 181, 205-210.7 17
- 475 Magnetic and structural properties of Mn-doped Bi<sub>2</sub>Se<sub>3</sub> topological insulators. *Physica B: Condensed Matter*, **2016**, 481, 262-267 2.8 16
- 474 Electronic and crystal structure of  $\beta$ -band  $\text{CeIr}_2\text{Si}_2$ . *Physica B: Condensed Matter*, **2009**, 404, 3191-3194 2.8 16
- 473 RNiAl hydrides and their magnetic properties. *Journal of Alloys and Compounds*, **1997**, 262-263, 206-210 5.7 16
- 472 Magnetic properties of UFeGe. *Journal of Magnetism and Magnetic Materials*, **1998**, 177-181, 47-48 2.8 16
- 471 Magnetic properties of the UCoAl<sub>1-x</sub>Gax intermetallic system. *Journal of Alloys and Compounds*, **1998**, 269, 34-38 5.7 16
- 470 Magnetism in RECo<sub>2</sub> compounds under high pressure. *Journal of Magnetism and Magnetic Materials*, **2001**, 226-230, 1062-1067 2.8 16
- 469 Canted ferromagnetic structure of UNiGe in high magnetic fields. *Physical Review B*, **2002**, 65, 3-3 16
- 468 Giant magnetoresistance effects in 5f-materials. *Physica B: Condensed Matter*, **1996**, 223-224, 245-250 2.8 16
- 467 Magnetic properties of UXCo X=Sn, Al, Ga. *Journal of Magnetism and Magnetic Materials*, **1986**, 54-57, 551-552 2.8 16
- 466 5f-band metamagnetism in UCoAl. *Physica B: Condensed Matter*, **1997**, 230-232, 98-101 2.8 15
- 465 Influence of external pressure on thermal expansion and electrical resistivity of UNi<sub>2</sub>Si<sub>2</sub> single crystals. *Journal of Magnetism and Magnetic Materials*, **1998**, 177-181, 49-50 2.8 15
- 464 Magnetic specific heat of a URhGe single crystal. *Physica B: Condensed Matter*, **2000**, 281-282, 223-225 2.8 15
- 463 Electrical resistivity and magnetism in some ternary intermetallics. *Journal of Alloys and Compounds*, **2001**, 317-318, 293-296 5.7 15
- 462 Magnetic structures of UNiAl in magnetic fields. *Physica B: Condensed Matter*, **1999**, 259-261, 246-247 2.8 15
- 461 Magnetoresistance in actinide and lanthanide intermetallics. *Journal of Alloys and Compounds*, **1994**, 207-208, 249-253 5.7 15



460	Onset of magnetism and the crystallographic distortion in $U(\text{Fe}_{1-x}\text{Mn}_x)_2$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1982</b> , 29, 305-313	2.8	15
459	Samarium magnetism studied on $\text{SmPd}_2\text{Al}_3$ single crystal. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	14
458	Magnetic Phase Transitions and Magnetoelastic Phenomena in $\text{UNiGa}$ under Pressure. <i>Journal of the Physical Society of Japan</i> , <b>1997</b> , 66, 1904-1907	1.5	14
457	Electronic structure and magnetism in $\text{UPtAl}$ . <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	14
456	Magnetic properties of $\text{UNiAl}$ under pressure. <i>Physical Review B</i> , <b>1999</b> , 59, 8720-8724	3.3	14
455	Ferromagnetism in the $\text{U}_1-x\text{Y}_x\text{CoAl}$ system. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 196-197, 658-659	2.8	14
454	Magnetic properties of $\text{UCo}_{1-x}\text{Ru}_x\text{Sn}$ solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1383-1384	2.8	14
453	Electronic properties of $\text{U}_2\text{Ni}_2\text{Sn}$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1369-1370	2.8	14
452	5f magnetism in $(\text{U,Th})\text{CoSn}$ . <i>Journal of Applied Physics</i> , <b>1988</b> , 63, 3070-3072	2.5	14
451	Anisotropy behaviour of $\text{U}_3\text{P}_4$ . <i>Physica Status Solidi A</i> , <b>1975</b> , 32, K59-K62		14
450	MAGNETIC PROPERTIES OF $\text{URuAl}$ AND $\text{URhAl}$ SINGLE CRYSTALS. <i>Journal De Physique Colloque</i> , <b>1988</b> , 49, C8-485-C8-486		14
449	Pressure-induced large increase of Curie temperature of the van der Waals ferromagnet $\text{V}_1\text{S}_3$ . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	14
448	Magnetism in polymorphic phases: Case of $\text{PrIr}_2\text{Si}_2$ . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	13
447	Onset of ferromagnetism in the 5f-band metamagnet $\text{UCoAl}$ upon partial dilution of the U sublattice. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 307, 77-81	5.7	13
446	Giant magnetoresistance in intermetallics. <i>IEEE Transactions on Magnetics</i> , <b>1996</b> , 32, 4687-4691	2	13
445	Thermal expansion of single-crystalline $\text{UNiAl}$ . <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6358	2.5	13
444	Composition and volume dependence of magnetism in $\text{URu}_{1-x}\text{Rh}_x\text{Al}$ and $\text{URuAl}_{1-x}\text{Sn}_x$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 157-158, 694-695	2.8	13
443	Magnetic anisotropy in $\text{UTX}$ compounds. <i>Journal of Alloys and Compounds</i> , <b>1992</b> , 181, 179-184	5.7	13

- 442 Magnetoresistance and metamagnetic transitions in UPdIn. *Physica B: Condensed Matter*, **1992**, 179, 269-281 13
- 441 Magnetic hysteresis phenomena in high T<sub>c</sub> superconductors. *European Physical Journal D*, **1987**, 37, 660-664 13
- 440 The loss of ferromagnetism in (Uv)Ga<sub>2</sub> (v = Y, Gd). *Journal of the Less Common Metals*, **1986**, 121, 163-167 13
- 439 Electronic and transport properties of the Mn-doped topological insulator Bi<sub>2</sub>Te<sub>3</sub>: A first-principles study. *Physical Review B*, **2016**, 93, 3-3 12
- 438 Evolution of ferromagnetic and non-Fermi-liquid states with doping: The case of Ru-doped UCoGe. *Physical Review B*, **2015**, 92, 3-3 12
- 437 Solution growth of CePdIn single crystals: Characterization of the heavy-fermion superconductor Ce<sub>2</sub>PdIn<sub>8</sub>. *Intermetallics*, **2010**, 18, 2025-2029 3-5 12
- 436 Influence of Sample Preparation Technology and Treatment on Magnetism and Superconductivity of UCoGe. *Journal of the Physical Society of Japan*, **2011**, 80, 084709 1.5 12
- 435 Physics of polymorphic transitions in CeRuSn. *Physical Review B*, **2012**, 86, 3-3 12
- 434 Magnetism and related phenomena in RE(Co<sub>1-x</sub>Si<sub>x</sub>)<sub>2</sub> compounds. *Journal of Alloys and Compounds*, **1997**, 262-263, 141-146 5-7 12
- 433 UPd<sub>3</sub> under high pressure: Lattice properties. *Physical Review B*, **2003**, 67, 3-3 12
- 432 Magnetism in DyFe<sub>2</sub>Si<sub>2</sub> single-crystal study. *Physica B: Condensed Matter*, **2005**, 367, 19-28 2.8 12
- 431 Interaction between components in the TiMnNb system at 870 K and the physical properties of Ti<sub>5</sub>Mn<sub>0.45</sub>Sb<sub>2.55</sub>. *Journal of Alloys and Compounds*, **2001**, 319, 74-79 5-7 12
- 430 Evidence for an extended critical region near the metamagnetic transition of UCoAl. *Journal of Applied Physics*, **1998**, 83, 6435-6437 2.5 12
- 429 Metamagnetic transitions and giant magnetoresistance in UNiGe. *Physica B: Condensed Matter*, **1994**, 201, 251-254 2.8 12
- 428 Magnetism of light-actinide intermetallics. *Journal of Magnetism and Magnetic Materials*, **1992**, 104-107, 7-10 2.8 12
- 427 On the magnetic structure of UNiGa. *Journal of Magnetism and Magnetic Materials*, **1992**, 104-107, 21-22 2.8 12
- 426 U impurities in Au. *European Physical Journal B*, **1989**, 77, 373-380 1.2 12
- 425 Phenomenological modelling of cluster-glass behaviour: Random-direction mean fields and random anisotropy. *Journal of Magnetism and Magnetic Materials*, **1987**, 69, 71-78 2.8 12

424	ThALES Three Axis Low Energy Spectroscopy for highly correlated electron systems. <i>Neutron News</i> , <b>2015</b> , 26, 18-21	0.4	11
423	Mutual verification of two new quantum simulation approaches for nanomagnets. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2014</b> , 62, 123-127	3	11
422	Nature of the magnetic ground state in the mixed valence compound CeRuSn: a single-crystal study. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 416006	1.8	11
421	Ferromagnetism in UCoGe stabilized by transition metal doping. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07E114	2.5	11
420	Magnetism of PrAl <sub>3</sub> nanoparticle investigated with a quantum simulation model. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 016002	1.8	11
419	Magnetic properties of rare-earth antiferromagnets studied using a two-ion model. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	11
418	Crystal structure and magnetism of RCr <sub>2</sub> Si <sub>2</sub> C compounds (R=La, Ce, Pr). <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 2338-2343	2.8	11
417	Low-temperature structural study of the series. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 1102-1104	2.8	11
416	High field magnetoresistance in CoAlO <sub>2</sub> nanogranular films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 300, 293-299	2.8	11
415	Magnetocaloric phenomena in RE(Co <sub>1-x</sub> X <sub>x</sub> ) <sub>2</sub> compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 290-291, 676-678	2.8	11
414	Specific heat of TbMn <sub>2</sub> (H,D) <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2005</b> , 355, 202-206	2.8	11
413	Magnetic phenomena in UNi <sub>1-x</sub> Rh <sub>x</sub> Al compounds. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 282, 64-71	5.7	11
412	GMR effects in actinide intermetallics. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 206-207, 501-504	2.8	11
411	Magnetic and transport properties of UNiGa. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 19-20	2.8	11
410	The development towards heavy-fermion ground state in UTX compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1988</b> , 76-77, 89-90	2.8	11
409	From itinerant antiferromagnetism towards localized ferromagnetism in UNi(Al, Ga). <i>Zeitschrift für Physik B-Condensed Matter</i> , <b>1988</b> , 72, 455-460		11
408	Electronic properties of UNi(Al,Ga). <i>Journal of Applied Physics</i> , <b>1988</b> , 63, 3067-3069	2.5	11
407	Magnetism in actinide (lanthanide)-3d laves phases I A review. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1985</b> , 130, 207-212		11

406	Magnetic properties of a 3d nanoparticle ( $S=5/2$ ) studied with a quantum simulation model. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2012</b> , 44, 826-832	3	10
405	Influence of symmetry on Sm magnetism studied on $\text{SmIr}_2\text{Si}_2$ polymorphs. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 574, 459-466	5.7	10
404	Pressure-induced quantum phase transition in the itinerant ferromagnet UCoGa. <i>AIP Advances</i> , <b>2017</b> , 7, 055712	1.5	10
403	Development of magnetism in the $\text{UNi}_{1-x}\text{Ru}_x\text{Al}$ quasiternary intermetallics. <i>Physica B: Condensed Matter</i> , <b>1998</b> , 246-247, 468-471	2.8	10
402	In situ neutron diffraction study of magnetic field induced martensite reorientation in $\text{NiMnGa}$ under constant stress. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 104224	1.8	10
401	Magnetic and magnetoelastic properties of GdNi: Single-crystal study. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1753-1754	2.8	10
400	Magnetization densities in UPtAl: Experimental and theoretical study. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	10
399	Influence of Mn substitution on magnetic behavior of $\text{La}(\text{Fe}, \text{Mn})_2\text{Si}_2$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 290-291, 621-624	2.8	10
398	Sol-gel fabricated $\text{CoFe}/\text{SiO}_2/\text{SiO}_2$ nanocomposites: synthesis and magnetic properties. <i>IEEE Transactions on Magnetics</i> , <b>2005</b> , 41, 3469-3471	2	10
397	Microscopic measurements on the band 5f-metamagnetism in UCoAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 234, 207-212	2.8	10
396	Magnetoelastic properties of a 5f-band metamagnet UCoAl. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 284-288, 1299-1300	2.8	10
395	Influence of substitution in Al sublattice on 5f band metamagnetism of UCoAl. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 306, 72-77	5.7	10
394	Magnetism in URhSi. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 5221	2.5	10
393	Structure, transport and thermal properties of UCoGa. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 7040-7042	2.5	10
392	$^{119}\text{Sn}$ Mössbauer spectroscopy of $\text{U}_x\text{Th}_{1-x}\text{CoSn}$ and $\text{UCoAl}_{1-x}\text{Sn}_x$ . <i>Hyperfine Interactions</i> , <b>1989</b> , 51, 943-947	0.8	10
391	Magnetic behaviour of $\text{UCoAl}_{1-x}\text{Sn}_x$ . <i>Hyperfine Interactions</i> , <b>1990</b> , 59, 395-398	0.8	10
390	Magnetic properties and electrical resistivity of $(\text{Gd}_x\text{La}_{1-x})\text{Ni}$ , ( $0 \leq x \leq 1$ ). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1986</b> , 54-57, 459-460	2.8	10
389	Neutron diffraction study of $\text{U}_3\text{As}_4$ . <i>Physica Status Solidi A</i> , <b>1974</b> , 26, K13-K15		10

388	Low-energy spin dynamics of orthoferrites AFeO (A = Y, La, Bi). <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 235802	1.8	10
387	Quantum ferromagnet in the proximity of the tricritical point. <i>Npj Quantum Materials</i> , <b>2017</b> , 2,	5	9
386	Hydrogen storage in Ti <sub>1-x</sub> Ni <sub>x</sub> O <sub>2</sub> multilayers. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , <b>2013</b> , 4, 025004	1.6	9
385	Structure phase transitions of polymorphic compounds with layered crystal structures: The REIr <sub>2</sub> Si <sub>2</sub> case. <i>Intermetallics</i> , <b>2011</b> , 19, 1622-1626	3.5	9
384	Magnetic properties of DyFe <sub>2</sub> Si <sub>2</sub> studied with a two-ion model for rare-earth antiferromagnets. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 448-451	1.3	9
383	Effects of high pressure on the magnetism of ErCo <sub>2</sub> . <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E132	2.5	9
382	Electronic structure of URhSi. <i>Solid State Communications</i> , <b>1997</b> , 104, 597-601	1.6	9
381	Anisotropic exchange interactions in UNiGe. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 785-786	2.8	9
380	Influence of the inhomogeneous distribution of components on itinerant-5f-electron metamagnetism in UCoAl under high pressures. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>2001</b> , 81, 569-581		9
379	Magnetic phase transitions in CePtSn. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7189-7191	2.5	9
378	Ferromagnetism Induced in UCoAl by Uniaxial Pressure. <i>High Pressure Research</i> , <b>2002</b> , 22, 155-158	1.6	9
377	Antiferromagnetic domains in UPdSn. <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 6551-6553	2.5	9
376	Magnetic properties, electrical resistivity and thermopower of (HoxY <sub>1-x</sub> )Co <sub>2</sub> (0?x?1). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1986</b> , 54-57, 517-518	2.8	9
375	The origin of magnetism in UNi <sub>2</sub> . <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1985</b> , 130, 243-244		9
374	Magnetic behaviour of U(Fe,Ti) <sub>2</sub> compounds. <i>Journal of the Less Common Metals</i> , <b>1985</b> , 114, 317-322		9
373	Magnetic behaviour of UFe <sub>2</sub> ZrFe <sub>2</sub> and UFe <sub>2</sub> UMn <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1980</b> , 15-18, 1253-1254	2.8	9
372	Antiferromagnetism and phase transitions in noncentrosymmetric UIrSi <sub>3</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	8
371	Pressure-induced valence change and moderate heavy fermion state in Eu-compounds. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 182-191	2.8	8

- 370 NdRhSn: A ferromagnet with an antiferromagnetic precursor. *Physical Review B*, **2011**, 83, 3-3 8
- 369 Polymorphism of PrIr<sub>2</sub>Si<sub>2</sub> In situ XRPD experiments and theoretical calculations. *Intermetallics*, **2009**, 17, 927-929 3-5 8
- 368 Metamagnetism and electronic structure of UNiGa. *Journal of Applied Physics*, **1997**, 81, 5778-5780 2-5 8
- 367 Crystallographic and magnetic structures in UTSi compounds. *Physica B: Condensed Matter*, **1997**, 230-232, 39-42 2-8 8
- 366 Anomalous magnetoresistance of carbon-doped EuB<sub>6</sub>: Possible role of nonferromagnetic regions. *Physical Review B*, **2008**, 78, 3-3 8
- 365 Magnetism in Ho<sub>5</sub>Si<sub>6</sub>Ge<sub>14</sub> compounds. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, 313-316 2-8 8
- 364 Magnetization and specific heat of a UIrGe single crystal in high magnetic fields. *Journal of Physics: Conference Series*, **2006**, 51, 151-154 0-3 8
- 363 Antiferromagnetic ordering in Ce<sub>5</sub>Si<sub>4</sub>. *Physica B: Condensed Matter*, **2006**, 378-380, 784-785 2-8 8
- 362 Physics of anisotropic itinerant 5f-electron metamagnetism in UCo<sub>1-x</sub>T<sub>x</sub>Al (T=Fe, Ni). *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E207-E213 2-8 8
- 361 Crystal growth and basic thermodynamic properties of NdFe<sub>2</sub>Si<sub>2</sub>. *Physica B: Condensed Matter*, **2003**, 328, 173-178 2-8 8
- 360 Neutron diffraction and magnetization studies of U<sub>2</sub>Pd<sub>2</sub>In single crystals in high magnetic fields. *Physical Review B*, **2003**, 68, 3-3 8
- 359 Magnetic properties of single crystalline UFeSi. *Journal of Alloys and Compounds*, **2002**, 335, 91-94 5-7 8
- 358 Structural and magnetic properties of equiatomic rare-earth ternaries. *International Journal of Hydrogen Energy*, **1999**, 24, 119-127 6-7 8
- 357 Magnetic anisotropy of U<sub>2</sub>Pd<sub>2</sub>In. *Physica B: Condensed Matter*, **1996**, 223-224, 225-227 2-8 8
- 356 Magnetic study of new Pu(Mt: 3d, 4d or 5d transition metal)<sub>2</sub>Si<sub>2</sub> intermetallic compounds. *Journal of Alloys and Compounds*, **1993**, 193, 119-121 5-7 8
- 355 Determination of the crystal-field parameters for CePtSn. *Journal of Physics Condensed Matter*, **1994**, 6, 6895-6900 1-8 8
- 354 . *IEEE Transactions on Magnetics*, **1994**, 30, 1130-1135 2 8
- 353 Magnetoresistance behaviour of UNiGa and UNiAl. *Physica B: Condensed Matter*, **1992**, 177, 155-158 2-8 8

352	On the magnetic behaviour of UGaT series. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 63-64, 199-201	2.8	8
351	Investigations of transport properties of UMn2. <i>Solid State Communications</i> , <b>1980</b> , 34, 967-969	1.6	8
350	CRYSTAL-FIELD EFFECTS IN REBa2Cu3O7. <i>Journal De Physique Colloque</i> , <b>1988</b> , 49, C8-2177-C8-2178		8
349	Influence of an Anomalous Temperature Dependence of the Phase Coherence Length on the Conductivity of Magnetic Topological Insulators. <i>Physical Review Letters</i> , <b>2019</b> , 123, 036406	7.4	7
348	Magnetic phase diagram of $\text{NdIr}_2\text{Si}_2$ . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	7
347	Solution growth of the GdCuAl systems in the low-gadolinium concentration range. <i>International Journal of Materials Research</i> , <b>2009</b> , 100, 1242-1245	0.5	7
346	Magnetic behaviour of PrCuAl and NdCuAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 1052-1053	2.8	7
345	Magnetic specific heat and magnetoresistance of URhSi. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 460, 47-53	5.7	7
344	Miniature uniaxial pressure cells for magnetic measurements. <i>High Pressure Research</i> , <b>2008</b> , 28, 633-636	1.6	7
343	Specific heat of CeCoGe single crystal. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 797-798	2.8	7
342	Thermal properties of $\text{Er}(\text{Co}_{1-x}\text{Si}_x)_2$ compounds. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 394, 96-100	5.7	7
341	On the magnetic structure of UIrGe. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 350, E199-E202	2.8	7
340	Microscopic origin of irreversible GMR effect in CePtSn around. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 328, 145-147	2.8	7
339	Electrical transport and magnetism in single crystal. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 163-165	5.8	7
338	Magnetism in rare earth Co2 compounds under high pressures. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7323-7325	3.7	7
337	Pressure effects on antiferromagnetism in UNiAl. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 5152-5154	2.5	7
336	Magnetoelasticity of UPtAl. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 314, 51-55	5.7	7
335	Magnetic and transport properties of $\text{Er}_6\text{Ni}_2\text{Sn}$ . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 319, 14-18	5.7	7



- 334 Magnetoelasticity of UNi<sub>2</sub>Si<sub>2</sub>. *Physica B: Condensed Matter*, **1999**, 259-261, 256-257 2.8 7
- 333 Magnetism and transport in UGa<sub>2</sub> single crystal. *Physica B: Condensed Matter*, **1999**, 259-261, 238-239 2.8 7
- 332 Magnetic structure of U<sub>2</sub>Pt<sub>2</sub>Sn. *Journal of Magnetism and Magnetic Materials*, **1999**, 202, 451-457 2.8 7
- 331 Structure and magnetic properties of Pd and Cu doped UCoAl. *Journal of Alloys and Compounds*, **1999**, 291, 11-15 5.7 7
- 330 Anisotropic hybridization and magnetism in actinide intermetallics. *Physica Scripta*, **1992**, T45, 99-102 2.6 7
- 329 5f electron localization in UTX compounds. *Journal of Magnetism and Magnetic Materials*, **1992**, 104-107, 23-24 2.8 7
- 328 Magnetic Behaviour of REBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> (RE = Y, Gd, Dy, Ho). *Physica Status Solidi A*, **1987**, 103, K119-K123 7
- 327 Neutron Diffraction Study of U<sub>3</sub>Sb<sub>4</sub>. *Physica Status Solidi A*, **1975**, 27, K73-K75 7
- 326 Magnetic anisotropy in the van der Waals ferromagnet V<sub>13</sub>. *Physical Review B*, **2021**, 103, 3.3 7
- 325 Magnetic field induced phenomena in UIrGe in fields applied along the b axis. *Physical Review B*, **2018**, 98, 3.3 6
- 324 Success of a simulation approach for magnetic nanosystems: Power of physical laws. *Physica E: Low-Dimensional Systems and Nanostructures*, **2014**, 59, 27-32 3 6
- 323 Thermal and Magnetic Properties in Ce<sub>1-x</sub>Er<sub>x</sub>Al<sub>2</sub> Intermetallic Compounds. *Journal of the Physical Society of Japan*, **2014**, 83, 024701 1.5 6
- 322 Neutron diffraction study on single-crystalline UAu<sub>2</sub>Si<sub>2</sub>. *Physical Review B*, **2017**, 96, 3.3 6
- 321 Low magnetic field phase diagram of UCoGe. *Physical Review B*, **2010**, 82, 3.3 6
- 320 SSG or SFM state in nano-agglomerates fabricated by micro-emulsion method. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 1872-1875 2.8 6
- 319 NMR and NQR studies of UCoAl with 5f-band metamagnetism. *Journal of Magnetism and Magnetic Materials*, **1998**, 177-181, 585-586 2.8 6
- 318 Magnetism of UCo<sub>2</sub>Si<sub>2</sub> Single Crystal Studied under Applied Magnetic Field and Hydrostatic Pressure. *Journal of the Physical Society of Japan*, **2007**, 76, 54-55 1.5 6
- 317 Magnetic, magnetoelastic and other electronic properties of a UIrAl single crystal. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E337-E339 2.8 6

316	Specific-heat and Magnetization Studies in Ce(Ni <sub>x</sub> Cu <sub>1-x</sub> ) <sub>5</sub> Heavy-fermion Compounds. <i>European Physical Journal D</i> , <b>2004</b> , 54, 311-314		6
315	Magnetism in CeAu <sub>2</sub> Si <sub>2</sub> (single crystal). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E405-E407	2.8	6
314	Electronic structure and lattice geometry of LaPtSn. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 376, 28-33	5.7	6
313	Magnetic field induced irreversibility in UNiAl. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7639-7641	2.5	6
312	Crystal structure and magnetic properties of Tb <sub>6</sub> Co <sub>2.35</sub> Sn <sub>0.65</sub> . <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 333, 34-40	5.7	6
311	Stability of the non-Fermi liquid state in UCoAl. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 379-380	2.8	6
310	Pressure effects on magnetism in U <sub>1-x</sub> Y <sub>x</sub> CoAl compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 309, 45-50	5.7	6
309	Neutron diffraction study of magnetic ordering in NdNiAl and PrNiAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 164, 183-186	2.8	6
308	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 1217-1219	2	6
307	Incommensurate antiferromagnetic phase in UNiGe. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 6217-6219	2.5	6
306	Magnetoresistance and metamagnetic behavior of UNiAl. <i>Physica B: Condensed Matter</i> , <b>1994</b> , 194-196, 247-248	2.8	6
305	Magnetic anisotropy and transport properties of actinide intermetallics. <i>Journal of Alloys and Compounds</i> , <b>1994</b> , 213-214, 243-247	5.7	6
304	High-field magnetization of ternary uranium 1:1:1 intermetallics. <i>Physica B: Condensed Matter</i> , <b>1989</b> , 155, 221-224	2.8	6
303	Magnetic hyperfine fields on <sup>119</sup> Sn nuclei in uranium compounds. <i>Hyperfine Interactions</i> , <b>1990</b> , 59, 391-394		6
302	Magnetization and Mössbauer studies of (U <sub>x</sub> Zr <sub>1-x</sub> )Fe <sub>2</sub> . <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1980</b> , 102, 212-216		6
301	Neutron-diffraction investigation of UGa <sub>2</sub> . <i>Physica Status Solidi A</i> , <b>1975</b> , 28, K37-K40		6
300	Field and temperature dependence of magnetization of U <sub>3</sub> P <sub>4</sub> . <i>European Physical Journal D</i> , <b>1976</b> , 26, 1167-1173		6
299	Thermal Conductivity of a Layered CsGd(MoO <sub>4</sub> ) <sub>2</sub> Crystal. <i>Acta Physica Polonica A</i> , <b>2010</b> , 118, 971-972	0.6	6

298	Electric Quadrupolar Contributions in the Magnetic Phases of UNi <sub>4</sub> B. <i>Physical Review Letters</i> , <b>2021</b> , 126, 157201	7.4	6
297	Peculiar magnetism of UAu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	6
296	Magnetotransport as a probe of phase transformations in metallic antiferromagnets: The case of UIrSi <sub>3</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	5
295	Cross-tunneling and phonon bottleneck effects in the relaxation phenomena of XY pyrochlore antiferromagnet Er <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	5
294	S <sub>1/2</sub> Heisenberg antiferromagnetic spin chain [Cu(dmbpy)(H <sub>2</sub> O) <sub>2</sub> SO <sub>4</sub> ] (dmbpy=4,4'-dimethyl-2,2'-bipyridine): Synthesis, crystal structure and enhanced magnetocaloric effect. <i>Solid State Sciences</i> , <b>2014</b> , 28, 14-19	3.4	5
293	Slow spin relaxation induced by magnetic field in [NdCo(bpdo)(H <sub>2</sub> O) <sub>4</sub> (CN) <sub>6</sub> ] <sub>3</sub> H <sub>2</sub> O. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 186003	1.8	5
292	A new combined quantum simulation approach for nanomagnets. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2013</b> , 47, 128-133	3	5
291	Gradual Localization of 5fStates in Orthorhombic UTX Ferromagnets:Polarized Neutron Diffraction Study of Ru Substituted UCoGe. <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 084707	1.5	5
290	Magnetic, Thermal and Transport Properties of YbPt <sub>2</sub> Si <sub>2</sub> and Yb <sub>2</sub> Pt <sub>3</sub> Si <sub>5</sub> Single Crystals. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 310-311	0.6	5
289	YPd <sub>2</sub> Al <sub>3</sub> A new superconducting compound. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 1401-1406	5.7	5
288	Magnetism in UPdSi. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 229, 101-112	2.8	5
287	Pressure effect on magnetic phase transitions in RCo <sub>4</sub> B. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 237-238, 527-529	2.8	5
286	Effects of alloying and pressure on metamagnetism of UCoAl. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 239, 88-94	2.8	5
285	Effect of pressure on thermal expansion of UNiGa. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 239, 109-112	2.8	5
284	Magnetization densities and uranium form factors in UNiGa and UNiAl. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 241-243, 678-680	2.8	5
283	Evolution of magnetism in Ho(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 597-598	2.8	5
282	U <sub>2</sub> T <sub>2</sub> X (T=Co, Ni, Rh, Pd, Ir, Pt; X=In, Sn) compounds in high magnetic fields. <i>Physica B: Condensed Matter</i> , <b>1998</b> , 246-247, 129-134	2.8	5
281	Magnetism in PrRhSn studied on a single crystal. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 460, 26-30	5.7	5

280	The field-induced magnetic structure in UIrGe. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 104221	1.8	5
279	Magnetocaloric and Thermal Properties of Ho(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> Compounds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2007</b> , 62, 965-970	1	5
278	Magnetic ordering in NdRhSn. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 387, 161-166	2.8	5
277	Magnetic properties and Hall effect of single-crystalline YMn <sub>6</sub> Sn <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1747-1749	2.8	5
276	Magnetic properties of PrRhSn: A single-crystal study. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1758-1760	2.8	5
275	Magnetic properties Mössbauer study and MCE in compounds RE <sub>2</sub> Fe <sub>17-x</sub> Cr <sub>x</sub> (RE=Pr, Gd). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, e629-e631	2.8	5
274	Interplay between effects of external pressure and dilution of the U sublattice in UCoAl-based materials. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 441, 33-38	5.7	5
273	Non-Fermi liquid behaviour in UCoAl: Pressure variations. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 1316-1319	5.7	5
272	Local symmetry of the crystal-field Hamiltonian of CePtSn by polarized neutron scattering. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	5
271	Neutron-diffraction study of CePtSn. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s731-s733	2.3	5
270	Magnetic structure of URhSi single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2003</b> , 261, 131-138	1.8	5
269	Metamagnetic transition in U <sub>2</sub> Pd <sub>2</sub> In. <i>Physica B: Condensed Matter</i> , <b>2001</b> , 294-295, 288-291	2.8	5
268	Low-temperature transport and crystallographic studies of Er(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> and Er(Co <sub>1-x</sub> Gex) <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 345, 54-58	5.7	5
267	Valence fluctuator CeNiAl versus Ce <sup>3+</sup> state in CeCuAl. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 71-72	2.8	5
266	Magnetic phase diagram of UNi <sub>2</sub> Si <sub>2</sub> in high fields. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 686-687	2.8	5
265	Pressure dependence of the ferromagnetic to antiferromagnetic transition in Fe <sub>3</sub> (Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>4</sub> with x=0.0 and 0.1. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 4738-4740	2.5	5
264	Non-Fermi-liquid behaviour of UCoAl. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 415-416	2.8	5
263	Muon spin rotation spectroscopy on a UNiGa single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1381-1382	2.8	5

262	Heavy fermion behaviour in lanthanide and actinide materials. <i>Journal of Alloys and Compounds</i> , <b>1995</b> , 225, 444-455	5.7	5
261	Electronic properties of U <sub>2</sub> Pt <sub>2</sub> Sn. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6361	2.5	5
260	Comparison of giant magnetoresistance in multilayer systems and uranium compounds. <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 6522-6524	2.5	5
259	Specific heat of UNiAl in high magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 17-18	2.8	5
258	Unusual magnetic, transport and thermodynamical properties of the uranium ternaries UNiSn, UPdIn and UNiGa. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 192, 219-227	2.8	5
257	Resonant Photoemission in UMn <sub>2</sub> . <i>Physica Scripta</i> , <b>1987</b> , 35, 877-879	2.6	5
256	Local moment formation and magnetic coupling of Mn dopants in Bi <sub>2</sub> Se <sub>3</sub> : A low-temperature ferromagnetic resonance study. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 604-613	2.8	4
255	Experimental study of magnetocaloric effect in the two-level quantum system KTm(MoO <sub>4</sub> ) <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 450-453	2.8	4
254	Specific heat study of the magnetocaloric effect in the Haldane-gap S=1 spin-chain material [Ni(C <sub>2</sub> H <sub>8</sub> N <sub>2</sub> ) <sub>2</sub> NO <sub>2</sub> ](BF <sub>4</sub> ). <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	4
253	Magnetism and Structural Behavior of CeRuSn Single Crystal. <i>Solid State Phenomena</i> , <b>2012</b> , 194, 40-44	0.4	4
252	Complex magnetic phase diagram of a geometrically frustrated Sm lattice: Magnetometry and neutron diffraction study of SmPd <sub>2</sub> Al <sub>3</sub> . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	4
251	Magnetism of ErNi <sub>2</sub> B <sub>2</sub> C investigated with a two-ion model for rare-earth antiferromagnets. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 983-987	3.9	4
250	Magnetic structure of Er <sub>6</sub> Ni <sub>2</sub> Sn. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 467, 48-53	5.7	4
249	Low temperature AC susceptibility of UCoGe crystals. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 012161	0.3	4
248	Magnetism in PrIr <sub>2</sub> Si <sub>2</sub> : A single crystal study. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1153-1155	2.8	4
247	Magnetic properties of UCo <sub>1-x</sub> RuxAl and UNi <sub>1-x</sub> RuxAl solid solutions. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 237-238, 224-225	2.8	4
246	Magnetoelastic phenomena in UNiGa. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 184, 369-371	2.8	4
245	Magnetic phases and magnetoelastic phenomena in UNiGa under pressure. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 271-273, 495-498	5.7	4

244	Superconductivity and physical properties of a LaRhSn single crystal. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 452, 241-244	5.7	4
243	Specific heat and magnetic ordering of NdNi <sub>2</sub> B <sub>2</sub> C. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 371, 344-347	2.3	4
242	Magnetic ordering and giant-anisotropy in and. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, e374-e378	2.8	4
241	Magnetic phase transitions of NdRhSn. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, e415-e418	2.3	4
240	Specific heat and magnetic ordering of ErBi studied with crystal-field theory in the mean-field approach. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 3439-3442	2.8	4
239	Specific heat and magnetization of RMn <sub>2</sub> (H,D) <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 442, 372-374	5.7	4
238	Single-crystal study of U(Co <sub>1-x</sub> T <sub>x</sub> )Al compounds for T=Fe and Ni. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 312-313, 888-890	2.8	4
237	Magnetization study of UCo <sub>1-x</sub> T <sub>x</sub> Al (T=Fe, Ni) single crystals. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 319, 199-207	2.8	4
236	Evolution of magnetism in U(Ni <sub>1-x</sub> Pd <sub>x</sub> )Si single crystals. <i>European Physical Journal B</i> , <b>2002</b> , 30, 313-318	2.2	4
235	Magnetic properties of a URhSi single crystal. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 486-488	2.8	4
234	Magnetization study of the UNi <sub>1-x</sub> CoxGa solid solutions. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 354, 54-58	5.7	4
233	A computational model for rare-earth ferrimagnets and antiferromagnets. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 367, 48-52	2.8	4
232	Influence of isoelectronic substitutions on the magnetism of UCoAl. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	4
231	Magnetic anisotropy in UNiGa determined by polarized neutrons. <i>Physica B: Condensed Matter</i> , <b>2001</b> , 301, 255-260	2.8	4
230	On the crystal structure and magnetism of CePtSn at low temperatures. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 334, 50-52	5.7	4
229	Influence of vacancies on the magnetic structure of UCuGe. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 347, 36-42	5.7	4
228	Possible non-Fermi-liquid behaviour in URh <sub>1/3</sub> Ni <sub>2/3</sub> Al. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 377-388	2.8	4
227	Stability of the non-Fermi liquid state in UCoAl. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 284-288, 1297-1298	2.8	4

226	Electrical resistivity of UNi <sub>2</sub> Si <sub>2</sub> in magnetic fields. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 4554-4555	2.5	4
225	High field magnetization of a NdCu <sub>2</sub> single crystal. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 211, 172-174	2.8	4
224	Magnetic properties of UCo <sub>1-x</sub> FexSn. <i>Journal of Alloys and Compounds</i> , <b>1995</b> , 224, 89-92	5.7	4
223	Electronic properties of UCuSn. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6408	2.5	4
222	Onset of ferromagnetism between the paramagnets UCoAl and URuAl. <i>European Physical Journal D</i> , <b>1996</b> , 46, 3385-3386		4
221	Polar Kerr effect in UNiGa. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 157-158, 700-701	2.8	4
220	Magnetic ordering in UPtSi. <i>Physica B: Condensed Matter</i> , <b>1996</b> , 225, 166-176	2.8	4
219	Effect of pressure on magnetic transitions in UNiGa. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 186-188, 697-699	2.8	4
218	Magnetic properties of REBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> (RE = Y, Nd, Sm, Eu, Gd, Dy, Ho). <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 186-187	1.3	4
217	Magnetocaloric Effect in Materials with the First Order Transitions - Direct Measurements. <i>Acta Physica Polonica A</i> , <b>2010</b> , 118, 1000-1001	0.6	4
216	Scattering of Phonons in CsMnCl <sub>3</sub> ·2H <sub>2</sub> O. <i>Acta Physica Polonica A</i> , <b>2010</b> , 118, 950-952	0.6	4
215	TEMPERATURE AND CONCENTRATION DEPENDENCE OF THE SPECIFIC HEAT OF (Er <sub>x</sub> Y <sub>1-x</sub> ) Co <sub>2</sub> . <i>Journal De Physique Colloque</i> , <b>1988</b> , 49, C8-273-C8-274		4
214	THE LOSS OF MAGNETISM IN U(Fe, Cr) <sub>2</sub> . <i>Journal De Physique Colloque</i> , <b>1988</b> , 49, C8-483-C8-484		4
213	Crystallographic and magnetic structure of UNi <sub>4</sub> B <sub>11</sub> . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	4
212	Topological insulator homojunctions including magnetic layers: The example of n-p type (n-QLs Bi <sub>2</sub> Se <sub>3</sub> /Mn-Bi <sub>2</sub> Se <sub>3</sub> ) heterostructures. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 262402	3.4	4
211	Magnetocaloric effect and slow magnetic relaxation in CsGd(MoO <sub>4</sub> ) <sub>2</sub> induced by crystal-field anisotropy. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 401-404	2.8	4
210	Uranium ferromagnet with negligible magnetocrystalline anisotropy: U <sub>4</sub> Ru <sub>7</sub> Ge <sub>6</sub> . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	3
209	Charge fluctuations across the pressure-induced quantum phase transition in EuCu <sub>2</sub> (Ge <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3



208	Magnetic properties of Mn-doped Bi <sub>2</sub> Se <sub>3</sub> topological insulators: Ab initio calculations. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3
207	Magnetism in GdCo <sub>2</sub> B <sub>2</sub> Studied on a Single Crystal. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 054713	1.5	3
206	Evolution of magnetism in UCoGe and UCoAl with Ru doping. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , <b>2015</b> , 6, 015017	1.6	3
205	Magnetism in RCo <sub>2</sub> (R = Dy, Ho, Er, Tm) Under Hydrostatic Pressure. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 288-289	0.6	3
204	Magnetism in DyNi <sub>1-x</sub> Cu <sub>x</sub> Al pseudoternary series. <i>Intermetallics</i> , <b>2010</b> , 18, 2109-2118	3.5	3
203	Magnetic Studies of Ternary Germanides U <sub>3</sub> Co <sub>4</sub> Ge <sub>7</sub> and U <sub>3</sub> Co <sub>2</sub> Ge <sub>7</sub> with Strong Uniaxial Anisotropy. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 094703	1.5	3
202	Magnetoresistance in CePtSn under high hydrostatic pressures. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 480, 147-149	5.7	3
201	Magnetic properties of NdCr <sub>2</sub> Si <sub>2</sub> C single crystal. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 032024	0.3	3
200	Magnetism and Magnetic Structure of NdCr <sub>2</sub> Si <sub>2</sub> C. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 251, 012018	0.3	3
199	Magnetism of UCoGe and U <sub>3</sub> Co <sub>4</sub> Ge <sub>7</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1137-1139	2.8	3
198	Development of magnetism in URu <sub>1-x</sub> TxAl compounds. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 230-232, 68-70	2.8	3
197	Commensurate and incommensurate magnetic order of UPdSi. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 241-243, 687-689	2.8	3
196	Pressure tuning of the non-Fermi liquid state in UCo <sub>0.95</sub> Fe <sub>0.05</sub> Al. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 121, 032012	0.3	3
195	Magnetic anisotropy and metamagnetism in CeCoGe. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 744-745	2.8	3
194	Magnetism of UCo <sub>2</sub> Si <sub>2</sub> single crystal studied under applied magnetic field and hydrostatic pressure. <i>High Pressure Research</i> , <b>2006</b> , 26, 479-483	1.6	3
193	Transport and thermodynamic properties of CePt <sub>3</sub> X intermetallics. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 54-57	5.7	3
192	Magnetic and thermodynamic properties of selected SmT <sub>2</sub> X <sub>2</sub> ternaries. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 359-362	5.7	3
191	High-field metamagnetism of giant anisotropy antiferromagnet PrCo <sub>2</sub> Ge <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 51, 143-146	0.3	3

190	NMR and NQR studies of 5f-band metamagnetic UCoAl and (,Ni). <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 968-969	2.8	3
189	Magnetism in a UNi <sub>2</sub> /3Rh <sub>1</sub> /3Al single crystal. <i>Philosophical Magazine</i> , <b>2003</b> , 83, 1613-1633	1.6	3
188	Magnetic and Transport Properties of PrPtSn. <i>European Physical Journal D</i> , <b>2004</b> , 54, 319-322		3
187	High-field magnetization of a UCuGe single crystal. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 346-347, 132-136	2.8	3
186	Magnetism in RECo <sub>2</sub> compounds under pressure. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E383-E385	2.8	3
185	Field-induced magnetic structures in UNiGe. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s757-s759	2.6	3
184	Magnetic phase diagram and critical scattering of UNi <sub>2</sub> Si <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2002</b> , 322, 248-258		3
183	Interplay between doping and pressure effects in magnetism of UCo <sub>1-x</sub> TxAl (T=Fe, Ni) single crystals. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 499-501	2.8	3
182	Magnetic ordering in NdPtSn. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 671-672	2.8	3
181	Mössbauer-effect study of competitive exchange interactions in UNi <sub>1-x</sub> CoxGa solid solutions. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 365, 73-79	5.7	3
180	Pressure effects on magnetism in U intermetallics: the UPtAl case. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 290-291, 629-632	2.8	3
179	Magnetic and transport properties of CePt <sub>3</sub> X compounds. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 377-379	2.8	3
178	Specific heat and magnetism of a UIrGe single crystal. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 1126-1128	2.8	3
177	Hybridization and pressure effects in UTX compounds. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 8123	2.5	3
176	HIGH PRESSURE APPARATUS FOR TRANSPORT PROPERTIES STUDY IN HIGH MAGNETIC FIELD. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 3330-3333	1.1	3
175	Collapse of AF magnetic order in UNiAl under pressure. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 208-209	2.8	3
174	Magnetic phase transitions in UNiGe under pressure. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 206-207	2.8	3
173	Suppression of simple antiferromagnetism in UNi <sub>2</sub> Si <sub>2</sub> under high pressure. <i>Physical Review B</i> , <b>2000</b> , 61, 11267-11269	3.3	3

172	Magnetic properties of URuAl <sub>1-x</sub> Sn <sub>x</sub> . <i>Journal of Alloys and Compounds</i> , <b>1996</b> , 235, 72-76	5.7	3
171	Low-temperature behaviour of electrical resistivity in UTX compounds. <i>European Physical Journal D</i> , <b>1996</b> , 46, 2043-2044		3
170	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 1205-1207	2	3
169	Effect of pressure on the magnetic phase transitions of UNiGa. <i>Journal of Alloys and Compounds</i> , <b>1994</b> , 213-214, 381-382	5.7	3
168	. <i>IEEE Transactions on Magnetics</i> , <b>1994</b> , 30, 1139-1141	2	3
167	Chemical and physical pressure effects in the A-site spinel antiferromagnets CoM <sub>2</sub> O <sub>4</sub> (M = Al, Co, and Rh). <i>Materials Research Express</i> , <b>2020</b> , 7, 056105	1.7	3
166	Magnetoelastic phenomena in antiferromagnetic uranium intermetallics: The UAu <sub>2</sub> Si <sub>2</sub> case. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	3
165	Relaxation phenomena and magnetocaloric effect in the dynamic spin ice Pr <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 808, 151719	5.7	2
164	Effect of thermal history on magnetism in UCoGa. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 490, 165464	2.8	2
163	Single crystal study of layered UnRhIn <sub>3n+2</sub> materials: Case of the novel U <sub>2</sub> RhIn <sub>8</sub> compound. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 381, 310-315	2.8	2
162	Anisotropic magnetic properties of RE <sub>2</sub> CoIn <sub>8</sub> (RE=Pr, Nd, Dy) compounds. <i>Physica B: Condensed Matter</i> , <b>2014</b> , 444, 65-69	2.8	2
161	The influence of the magnetic subsystem on the heat transport in CsMnCl <sub>3</sub> · 2H <sub>2</sub> O. <i>Physica Status Solidi (B): Basic Research</i> , <b>2011</b> , 248, 2834-2838	1.3	2
160	The magnetic properties of DyFe <sub>2</sub> Si <sub>2</sub> and its crystal-field levels. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 1372-1376	1.3	2
159	Antiferromagnetic structure in UNiAl at dilution temperatures. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 3025-3027	2.8	2
158	Structural and magnetic study of SmTAl single crystals (T=Pd and Ni). <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E146	2.5	2
157	Magnetic order in hybrid frustrated magnets Gd(2-x)Tb(x)Ti <sub>2</sub> O <sub>7</sub> (x = 0.2 and 0.5). <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 186003	1.8	2
156	Synthesis and magnetic studies of ternary germanides U <sub>3</sub> Co <sub>4</sub> Ge <sub>7</sub> and U <sub>3</sub> Co <sub>2</sub> Ge <sub>7</sub> . <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2010</b> , 9, 012048	0.4	2
155	Magnetic and thermodynamic properties of DyFe <sub>2</sub> Si <sub>2</sub> further investigated with crystal-field theory and two-ion model. <i>Journal of Physics and Chemistry of Solids</i> , <b>2010</b> , 71, 1447-1450	3.9	2

- 154 Reduced magnetic moments in UNiSi. *Journal of Alloys and Compounds*, **1998**, 269, 43-49 5.7 2
- 153 Specific heat and AC susceptibility of antiferromagnetic Kondo lattices CeAu<sub>2</sub>Si<sub>2</sub> and CeAg<sub>2</sub>Si<sub>2</sub>. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, e586-e588 2.8 2
- 152 Transport and thermodynamic properties of. *Physica B: Condensed Matter*, **2006**, 378-380, 1111-1113 2.8 2
- 151 Magnetic Phase Transition in HoCo<sub>2</sub> Alloy Studied by Emission Mössbauer Spectroscopy. *European Physical Journal D*, **2004**, 54, 299-302 2
- 150 Magnetic moment densities in selected UTX compounds. *Physica B: Condensed Matter*, **2004**, 350, E131-E134 2
- 149 Thermal-expansion and magnetostriction study on UNiAl single crystals. *European Physical Journal D*, **2002**, 52, A237-A240 2
- 148 Pressure-induced magnetic structures in UNiGa. *Applied Physics A: Materials Science and Processing*, **2002**, 74, s834-s836 2.6 2
- 147 Field-induced change of the antiferromagnetic structure of UNiAl. *Physica B: Condensed Matter*, **2002**, 312-313, 872-874 2.8 2
- 146 Magnetic Phase Transitions in CePtSn. *European Physical Journal D*, **2002**, 52, 259-262 2
- 145 Magnetism in UPtAl Under High Pressure. *European Physical Journal D*, **2002**, 52, 263-266 2
- 144 Antiferromagnetic correlations and magnetocaloric phenomena in UNi<sub>2</sub>Si<sub>2</sub>. *Physica B: Condensed Matter*, **2003**, 339, 177-181 2.8 2
- 143 Magnetic correlations reflected by anomalies in transport and elastic properties of uranium intermetallics. *Physica B: Condensed Matter*, **2003**, 328, 95-99 2.8 2
- 142 Antiferromagnetism and magnetoleasticity of UNiAl. *Physica B: Condensed Matter*, **2003**, 329-333, 480-481 2
- 141 Neutron polarization analysis study of crystal field excitations in CePtSn. *Physica B: Condensed Matter*, **2003**, 335, 26-29 2.8 2
- 140 Magnetic properties of UCoAl<sub>1-x</sub>Si<sub>y</sub> and UCoAl<sub>1-x</sub>Ge<sub>y</sub> solid solutions. *Journal of Alloys and Compounds*, **2003**, 349, 12-16 5.7 2
- 139 Magnetism of Er(Co<sub>1-x</sub>)<sub>2</sub> compounds: effects on structure and electronic properties. *Journal of Alloys and Compounds*, **2004**, 383, 122-125 5.7 2
- 138 XANES and XMCD study of CePtSn. *Physica B: Condensed Matter*, **2005**, 359-361, 127-129 2.8 2
- 137 Magnetic phase diagram of UNi<sub>2</sub>Si<sub>2</sub> under pressure. *Physica B: Condensed Matter*, **2001**, 304, 477-482 2.8 2

136	Magnetovolume effects and the p-T magnetic phase diagram of UNi <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	2
135	Collapse of 5 f -Electron Ferromagnetism in UPtAl Under High Pressures. <i>High Pressure Research</i> , <b>2002</b> , 22, 159-162	1.6	2
134	Competition between ferromagnetic and antiferromagnetic exchange interactions in the quasibinary U(Ge <sub>1-x</sub> Ni <sub>x</sub> ) <sub>2</sub> compounds. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 343, 32-37	5.7	2
133	Magnetic properties of the UNi <sub>1-x</sub> Pt <sub>x</sub> Ga solid solutions. <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 346, 95-99	5.7	2
132	Metamagnetism of UCoAl under high pressure. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 216-217	2.8	2
131	Direct measurement of the magnetic anisotropy in UCoGa using polarized neutrons. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 564-565	2.8	2
130	Magnetic properties of U <sub>1-x</sub> Lu <sub>x</sub> NiGa solid solutions. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 319, 29-33	5.7	2
129	Effect of Pd substitution for Ni on magnetism in UNiAl. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 244-245	2.8	2
128	Transport properties across the metamagnetic transition in UCoAl. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 240-241	2.8	2
127	Influence of 5d-metal on magnetic properties of UNi <sub>1-x</sub> TxAl compounds. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 288, 36-41	5.7	2
126	Electronic specific heat correlated with giant magnetoresistance in UNiGa. <i>European Physical Journal D</i> , <b>1996</b> , 46, 2015-2016		2
125	Anomalous magnetization behaviour in URu <sub>1-x</sub> Rh <sub>x</sub> Al. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 186-188, 752-754	2.8	2
124	On some magnetic properties of Fe alloys. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1990</b> , 83, 463-464		2
123	The paramagnetic susceptibility of Ti(Fe <sub>1-x</sub> Cox). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1984</b> , 45, 117-122	2.8	2
122	Magnetic Phase Transitions and Thermal Properties of Ho(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> Compounds. <i>Acta Physica Polonica A</i> , <b>2008</b> , 113, 347-350	0.6	2
121	The surface degradation and its impact on the magnetic properties of bulk V13. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 278, 125590	4.4	2
120	MAGNETIC PROPERTIES AND HYBRIDIZATION EFFECTS IN UTX COMPOUNDS. <i>Journal De Physique Colloque</i> , <b>1988</b> , 49, C8-497-C8-498		2
119	Coexistence of localized and heavy itinerant states in antiferromagnetic CePtGe <sub>2</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2

118	Superconductivity in single crystalline ThBe <sub>13</sub> and LuBe <sub>13</sub> . <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 516-518	2	
117	Tuning the pressure-induced superconductivity in Pd-substituted CeRhIn <sub>5</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 095602	1.8	1
116	Magnetism in TmCo <sub>2</sub> . <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 379-381	0.6	1
115	Electrical resistivity across the tricriticality in itinerant ferromagnet. <i>AIP Advances</i> , <b>2018</b> , 8, 055710	1.5	1
114	Effect of lattice distortion on uranium magnetic moments in U <sub>4</sub> Ru <sub>7</sub> Ge <sub>6</sub> studied by polarized neutron diffraction. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	1
113	Solution Growth and Investigation of the Single Crystals from the CePdIn System. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 324-325	0.6	1
112	Magnetic and transport properties of CePt <sub>3</sub> Ge Kondo lattice in crystalline and sub-micron state. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 520, 22-29	5.7	1
111	Magnetic phase transitions in CePtSn under ambient and hydrostatic pressures. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07E106	2.5	1
110	Peculiarities of the magnetic-history-dependent phase in CePtSn. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1120-1122	2.8	1
109	Electronic properties of UPdSn diluted by Lu. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 271-273, 418-422	5.7	1
108	Magnetoelastic effects in UCoAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1784-1785	2.8	1
107	Magnetism of DyMn <sub>6</sub> Ge <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, e422-e424	2.8	1
106	Magnetic and thermodynamic properties and MCE of intermetallic compounds PrNi <sub>1-x</sub> Ptx. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, e552-e554	2.8	1
105	Melting of the antiferromagnetic structure in UNiAl near TN. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 369-371	2.8	1
104	X-ray resonant magnetic study of CePtSn. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 33-36	5.7	1
103	Anisotropic behavior in the CeRhSn single crystal. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 150-151	2.8	1
102	Cluster-glass transitions in CeNi <sub>1-x</sub> Cux as studied by magnetocaloric effect. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 762-764	2.8	1
101	Neutron scattering studies on uranium compounds in high magnetic fields. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S1985-S1989	1.8	1

100	Neutron diffraction study of the ErNi <sub>1-x</sub> Cu <sub>x</sub> Al series. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 350, E159-E161	2.8	1
99	Magnetic phases in UNi <sub>2</sub> Si <sub>2</sub> . <i>Open Physics</i> , <b>2004</b> , 2,	1.3	1
98	Magnetism and magnetoelasticity of a U(Ni <sub>0.91</sub> Pd <sub>0.09</sub> ) <sub>2</sub> Si <sub>2</sub> single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E409-E411	2.8	1
97	Magnetism, transport, elastic and thermodynamic properties of Er(Co <sub>0.97</sub> X <sub>0.03</sub> ) <sub>2</sub> compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E393-E394	2.8	1
96	Magnetic properties of single-crystalline CePt <sub>0.75</sub> Pd <sub>0.25</sub> Sn. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E117-E118	2.8	1
95	Magnetic Behavior of Novel Intermetallics CePt <sub>3</sub> X. <i>European Physical Journal D</i> , <b>2004</b> , 54, 407-410		1
94	Magnetic properties of NdFe <sub>2</sub> Si <sub>2</sub> single-crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 587-588	2.8	1
93	Magnetocaloric effect in Er <sub>6</sub> Ni <sub>2</sub> Sn. <i>European Physical Journal D</i> , <b>2002</b> , 52, A205-A208		1
92	Influence of 3d-metal doping on magnetism of UNiGa. <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 353, 102-106	1.06	1
91	Electronic properties of UCoAl <sub>0.75</sub> Sn <sub>0.25</sub> single crystal. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 375, 67-71	5.7	1
90	Effect of temperature on hybridization and magnetism in U <sub>2</sub> Pd <sub>2</sub> Sn and U <sub>2</sub> Ni <sub>2</sub> In. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 369, 273-276	5.7	1
89	Magnetic and transport properties of . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 290-291, 606-608	6.88	1
88	Thermal expansion and magnetostriction measurements on CePtSn. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 121-123	2.8	1
87	Low-temperature specific heat and resistivity studies in the Ce(Ni <sub>1-x</sub> Cu <sub>x</sub> ) <sub>5</sub> compounds. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 281-283	2.8	1
86	Magnetic field effects in UNi <sub>13</sub> Ru <sub>2</sub> BAl. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10A919	2.5	1
85	Magnetic structure of a UNiAl single crystal under pressure. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 1186-1187	2.8	1
84	Interplay between non-magnetic dilution and pressure effects in magnetism of UCoAl. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 967-969	2.8	1
83	Electrical resistance and magnetoresistance of UCoAl under high pressure. <i>Journal of Nuclear Science and Technology</i> , <b>2002</b> , 39, 126-128	1	1



82	Magnetism in $UCO_{1-x}TxAl$ ( $T = Fe, Ni$ ) single crystals. <i>Journal of Nuclear Science and Technology</i> , <b>2002</b> , 39, 172-175	1	1
81	Magnetism in some $UCo_{1/3}T_{2/3}Al$ solid solutions ( $T$ =transition metal). <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 6812-6814	2.5	1
80	Magnetism in $UNi_{1-x}TxAl$ systems with 4d and 5d metals. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 213-215	2.8	1
79	Non-symmetric metamagnetic transition in $UNiAl$ . <i>Physica B: Condensed Matter</i> , <b>2000</b> , 281-282, 210-212	2.8	1
78	Crystallographic order and magnetism in $UCo_{1/3}T_{2/3}Al$ compounds ( $T=Ru, Rh, Pt$ ). <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 634-635	2.8	1
77	Crystallographic and magnetic structures of $U(Ni_{1-x}Tx)Al$ compounds. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 714-715	2.8	1
76	On some magnetic phase transitions in $CePtSn$ . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 323-324, 380-383	3.7	1
75	Highly correlated electron systems under multi-extreme conditions. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 11531-11536	1.8	1
74	Evolution of magnetism in $Nd(Co_{1-x}Six)_2$ and $Ho(Co_{1-x}Six)_2$ . <i>Journal of Applied Physics</i> , <b>1998</b> , 83, 6964-6966	6.5	1
73	Anisotropy in the physical properties of $UNiGa$ under high pressure. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>1999</b> , 239, 441-444	1.5	1
72	MAGNETISM IN $UPtIn$ . <i>International Journal of Modern Physics B</i> , <b>1993</b> , 07, 842-845	1.1	1
71	NMR of $^{59}Co$ in $HoCo_2$ substituted by Al and Cu. <i>Hyperfine Interactions</i> , <b>1989</b> , 50, 729-732	0.8	1
70	Hyperfine fields on $^{59}Co$ in $ReCo_2$ . <i>Hyperfine Interactions</i> , <b>1990</b> , 59, 489-492	0.8	1
69	PROPERTIES OF $CuO$ BASED SUPERCONDUCTORS. <i>International Journal of Modern Physics B</i> , <b>1987</b> , 01, 1021-1023	1.1	1
68	Dilute U alloys: Test cases for 5f electronic structure. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1988</b> , 76-77, 353-355	2.8	1
67	Different universality classes of isostructural $UTX$ compounds ( $T=Rh, Co, Co_{0.98}Ru_{0.02}; X=Ga, Al$ ). <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
66	Pressure evolution of magnetism in $URhGa$ . <i>AIP Advances</i> , <b>2018</b> , 8, 101316	1.5	1
65	Spin, charge and lattice dynamics of magnetization processes in frustrated Shastry-Sutherland system $TmB_4$ . <i>Solid State Sciences</i> , <b>2020</b> , 105, 106210	3.4	0

64	CePd <sub>2</sub> Ga <sub>3</sub> and CePd <sub>2</sub> Zn <sub>3</sub> [Kondo lattices and magnetic behaviour. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 413-417	2.8	o
63	Transverse magnetism in uniaxial antiferromagnet UNiGa. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 076001	1.8	o
62	Electronic structure and magnetism of PrNi <sub>x</sub> Pt <sub>1-x</sub> compounds. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 450, 118-127	5.7	o
61	Crystal structure and electronic properties of new uranium intermetallic compound UGa <sub>1.85</sub> Zr <sub>0.15</sub> . <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 460, 83-89	5.7	o
60	Magnetism of ErMn <sub>6</sub> Ge <sub>6</sub> . <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 51, 123-126	0.3	o
59	Evolution of magnetism in Pd-substituted Ce <sub>2</sub> RhIn <sub>8</sub> single crystals. <i>Physica B: Condensed Matter</i> , <b>2015</b> , 468-469, 96-100	2.8	
58	Anisotropic Magnetic Properties of URhIn <sub>5</sub> Compound. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 339-341	0.6	
57	Magnetic Properties of a Novel CeCo <sub>0.715</sub> Si <sub>2.285</sub> Compound. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 561-563	0.6	
56	Verification of a new quantum simulation approach through its application to two-dimensional Ising lattices. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2015</b> , 66, 170-175	3	
55	Extreme narrow magnetic domain walls in U ferromagnets: The UCoGa case. <i>Materials Today Communications</i> , <b>2020</b> , 24, 101017	2.5	
54	Presence of paramagnetism in HoCo <sub>2</sub> under hydrostatic pressure. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 500, 182041	0.3	
53	Presence of Paramagnetism in Ho(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> Under Hydrostatic Pressure. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 406-408	0.6	
52	Magnetism in UCo <sub>0.88</sub> Ru <sub>0.12</sub> Ge Studied by Polarized Neutrons. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 330-331	0.6	
51	Effects of high pressures on magnetism in UNiGa. <i>High Pressure Research</i> , <b>2010</b> , 30, 8-11	1.6	
50	Magnetization of UNiGa under pressure. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2010</b> , 9, 012052	0.4	
49	Magnetic phase transitions in SmPd <sub>2</sub> Al <sub>3</sub> . <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 032058	0.3	
48	Investigation of phases obtained from the Ce <sub>20</sub> Ru <sub>60</sub> Si <sub>20</sub> composition. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 466, 17-25	5.7	
47	The magnetism of PrPd <sub>2</sub> Ga <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2007</b> , 393, 83-87	2.8	

- 46 Double phase transition and magnetic ordering in NdFe<sub>2</sub>Si<sub>2</sub> single crystal. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 1755-1757 2.8
- 45 Magnetic properties of PrRhIn<sub>5</sub> Experimental study and ab initio calculations. *Physica B: Condensed Matter*, **2008**, 403, 3937-3941 2.8
- 44 High-pressure effect on magnetic phases in PrRu<sub>2</sub>Si<sub>2</sub> single crystal. *High Pressure Research*, **2006**, 26, 499-502 1.6
- 43 Interplay between effects of external pressure and dilution of the U-sublattice in UCoAl-based materials: the U<sub>0.94</sub>Y<sub>0.06</sub>CoAl case. *High Pressure Research*, **2006**, 26, 475-478 1.6
- 42 NMR and NQR Studies of 5f-Band Metal UCo<sub>0.95</sub>Ni<sub>0.05</sub>Al and UCo<sub>0.98</sub>Fe<sub>0.02</sub>Al. *Journal of the Physical Society of Japan*, **2006**, 75, 91-93 1.5
- 41 Magnetostriction measurement of GdRu<sub>2</sub>Si<sub>2</sub> single crystal. *Journal of Physics: Conference Series*, **2006**, 51, 127-130 0.3
- 40 Evidence of complex magnetism in. *Physica B: Condensed Matter*, **2006**, 378-380, 391-392 2.8
- 39 Magnetic Properties of Selected RFe<sub>2</sub>Si<sub>2</sub> Compounds. *European Physical Journal D*, **2004**, 54, 283-286
- 38 Complex High-field Magnetic Behavior of TbCoIn<sub>5</sub> Single-crystal. *European Physical Journal D*, **2004**, 54, 327-330
- 37 Magnetic properties of UNi<sub>2/3</sub>Rh<sub>1/3</sub>Al single crystal probed by polarized neutron diffraction. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E67-E69 2.8
- 36 Structural, magnetic and transport properties of Er(Co<sub>1-x</sub>Gex)<sub>2</sub> compounds. *European Physical Journal D*, **2002**, 52, A201-A204
- 35 Magnetic properties of selected R<sub>6</sub>Co<sub>2</sub>Sn compounds. *European Physical Journal D*, **2002**, 52, A217-A220
- 34 Magnetic-history effects in Hall resistivity of UNiAl. *European Physical Journal D*, **2002**, 52, A241-A244
- 33 Ferromagnetism in UCo<sub>1-x</sub>MnxAl and UCo<sub>1-x</sub>VxAl. *European Physical Journal D*, **2002**, 52, A269-A272
- 32 Evolution of magnetic structures in the UNi<sub>2</sub>Si<sub>2</sub>-UPd<sub>2</sub>Si<sub>2</sub> system. *Applied Physics A: Materials Science and Processing*, **2002**, 74, s746-s747 2.6
- 31 Magnetic-history dependent magnetoresistance in UNiAl. *Physica B: Condensed Matter*, **2002**, 311, 233-237 2.8
- 30 Electronic properties of UNi<sub>2/3</sub>Rh<sub>1/3</sub>Al single crystal. *Physica B: Condensed Matter*, **2002**, 312-313, 480-488 2.8
- 29 Magnetic-field-induced irreversibility in specific heat of UNiAl. *Physica B: Condensed Matter*, **2002**, 312-313, 879-881 2.8

- 28 Magnetization and Specific Heat of  $\text{UCo}_{0.95}\text{Tl}_{0.05}\text{Al}$  ( $T = \text{Fe, Ni}$ ) Single Crystals. *European Physical Journal D*, **2002**, 52, 275-278
- 27 On the Threshold of Long-Range Magnetic Order:  $\text{UNi}_2/3\text{Rh}_{1/3}\text{Al}$  and  $\text{UCoAl}$  Study. *European Physical Journal D*, **2002**, 52, 271-274
- 26 Effect of pressure on the electrical resistivity and magnetism in updsn. *High Pressure Research*, **2003**, 23, 177-180 1.6
- 25 Anomalous magnetic behavior in  $\text{Sm}(\text{Fe}_{1-x}\text{Mnx})_2\text{Si}_2$  system. *Journal of Alloys and Compounds*, **2004**, 383, 140-143 5.7
- 24 Magnetic response function in  $\text{URhGe}$ . *Physica B: Condensed Matter*, **2005**, 359-361, 1123-1125 2.8
- 23 Magnetic phase diagram of  $\text{UNi}_2\text{Si}_2$  under magnetic field and high-pressure. *Journal of Magnetism and Magnetic Materials*, **2001**, 226-230, 585-587 2.8
- 22 Field dependence of the incommensurate magnetic order in  $\text{UNiGe}$ . *Journal of Magnetism and Magnetic Materials*, **2001**, 226-230, 70-71 2.8
- 21 On the threshold of long-range magnetic order:  $\text{UNi}_2/3\text{Rh}_{1/3}\text{Al}$  study. *Journal of Nuclear Science and Technology*, **2002**, 39, 180-183 1
- 20 Magnetic field induced irreversibility in Hall resistivity and specific heat of  $\text{UNiAl}$ . *Journal of Nuclear Science and Technology*, **2002**, 39, 184-186 1
- 19 Effect of pressure on the antiferromagnetism of  $\text{UNi}_2\text{Si}_2$ . *Physica B: Condensed Matter*, **2000**, 281-282, 228-229 2.8
- 18 Specific-heat study of the  $\text{UCoAl}_{1-x}\text{Gax}$  system. *Physica B: Condensed Matter*, **1999**, 259-261, 242-243 2.8
- 17 Magnetic structures in  $\text{RNiAl}$  compounds ( $R = \text{Pr, Nd, Tb, Dy, Ho}$  and  $\text{Er}$ ). *European Physical Journal D*, **1996**, 46, 2129-2130
- 16 ANOMALOUS MAGNETIZATION BEHAVIOUR IN  $\text{U}(\text{Ru}_{1-x}\text{Rh}_x)\text{Al}$ . *International Journal of Modern Physics B*, **1993**, 07, 846-849 1.1
- 15 Magnetization behavior of some high- $T_c$  superconductors. *Journal of Magnetism and Magnetic Materials*, **1990**, 83, 513-514 2.8
- 14 Point-Contact Spectroscopy on the  $\text{Ce}(\text{CuxAl}_{1-x})_5$  System. *Physica Status Solidi A*, **1990**, 117, 501-508
- 13 Resistance and Magnetoresistance of  $\text{UlrGe}$  under High Pressure **2001**, 463-472
- 12 Pressure-Induced Effects in Magnetic Materials with F- and D-Electrons **2002**, 3-20
- 11 Magnetic and Transport Properties of  $\text{PrRu}_2\text{Si}_2$  Single Crystal under High Pressure. *Journal of the Physical Society of Japan*, **2007**, 76, 49-50 1.5

10	Transition from Ferromagnetism to Metamagnetism under Pressure in a U <sub>0.94</sub> Y <sub>0.06</sub> CoAl Single Crystal. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 43-44	1.5
9	Electronic Structure of PrCo <sub>2</sub> Ge <sub>2</sub> . <i>Acta Physica Polonica A</i> , <b>2008</b> , 113, 295-298	0.6
8	Magnetic Structure in UIrAl. <i>Acta Physica Polonica A</i> , <b>2008</b> , 113, 339-342	0.6
7	Magnetocaloric Effect in CsDy(MoO <sub>4</sub> ) <sub>2</sub> . <i>Acta Physica Polonica A</i> , <b>2018</b> , 133, 414-416	0.6
6	Magnetoresistance in UTX Compounds <b>1993</b> , 113-122	
5	Magnetic Phases in UNiGa under Pressure.. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , <b>1998</b> , 7, 662-664	0
4	Onset of Magnetism and Non-Fermi Liquid Behaviour In UTX Compounds <b>1999</b> , 169-177	
3	Anomalous Magnetic and Related Electronic Properties of Uranium Intermetallic Compounds <b>1999</b> , 97-113	
2	Magnetism in PrPdSn and NdPdSn studied on single crystals. <i>International Journal of Materials Research</i> , <b>2009</b> , 100, 1190-1192	0.5
1	Anomalous Transport Properties of Carbon-Doped EuB <sub>6</sub> . <i>Acta Physica Polonica A</i> , <b>2010</b> , 118, 893-894	0.6