

## Laboratory:Radiochemistry of Metals 2000-2004

著者	Institute for Materials Research, Tohoku University
journal or publication title	List of Publications 2000-2004
URL	<a href="http://hdl.handle.net/10097/56486">http://hdl.handle.net/10097/56486</a>

Fazekas, Z; Yamamura, T; Park, YY; Harada, M; Tomiyasu, H

*Photochemistry of uranyl(VI) tributylphosphate in supercritical CO<sub>2</sub>: An evidence of photochemical reduction by ethanol*

Chem. Lett. (2000) 30 – 31

00-IMR0506

Musbnikov, NV; Andreev, AV; Korolyov, AV; Shiokawa, Y

*Magnetic viscosity in a UPtAl single crystal*

J. Alloy. Compd. 305 (2000) 188 – 193

00-IMR0507

Andreev, AV; Sechovsky, V; Mushnikov, NV; Goto, T; Homma, Y; Shiokawa, Y

*Influence of substitution in Al sublattice on 5f band metamagnetism of UCoAl*

J. Alloy. Compd. 306 (2000) 72 – 77

00-IMR0508

Andreev, AV; Sechovsky, V; Rafaja, D; Dobiasova, L; Homma, Y; Shiokawa, Y

*Onset of ferromagnetism in the 5f-band metamagnet UCoAl upon partial dilution of the U sublattice*

J. Alloy. Compd. 307 (2000) 77 – 81

00-IMR0509

Shiokawa, Y; Yamana, H; Moriyama, H

*An application of actinide elements for a redox flow battery*

J. Nucl. Sci. Technol. 37 (2000) 253 – 256

00-IMR0510

Kim, SY; Harada, M; Tomiyasu, H; Shiokawa, Y; Ikeda, Y

*Electrochemical study on octakis(dimethyl sulfoxide) uranium(IV) complex in dimethyl sulfoxide*

J. Nucl. Sci. Technol. 37 (2000) 999 – 1002

00-IMR0511

Koyama, K; Yoshida, M; Nojiri, H; Sakon, T; Li, DX; Suzuki, T; Motokawa, M

*Antiferromagnetic resonance and magnetic structure of GdAs*

J. Phys. Soc. Jpn. 69 (2000) 1521 – 1525

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Matsuda, TD; Sugawara, H; Aoki, Y; Sato, H; Andreev, AV; Shiokawa, Y; Sechovsky, V; Havela, L

*Transport properties of the anisotropic itinerant-electron metamagnet UCoAl*

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Andreev, AV; Tomida, M; Homma, Y; Shiokawa, Y; Sechovsky, V; Prokes, K; Mushnikov, NV; Goto, T

*Magnetism in UNi<sub>1-x</sub>TxAl systems with 4d and 5d metals*

Physica B 281 (2000) 213 – 215

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Matsuda, TD; Okada, H; Sugawara, H; Aoki, Y; Sato, H; Andreev, AV; Shiokawa, Y; Sechovsky, V; Honma, T; Yamamoto, E; Onuki, Y

*Specific-heat anomaly of metamagnetism on PrFe<sub>4</sub>P<sub>12</sub> and UCoAl*

Physica B 281 (2000) 220 – 222

00-IMR0514

Itoh, S; Homma, Y; Shiokawa, Y; Akabori, M; Itoh, A

*Magnetic properties of U<sub>x</sub>Fe<sub>1-x</sub>Ny amorphous alloys*

Physica B 281 (2000) 230 – 231

00-IMR0515

Kimura, A; Li, DX; Shiokawa, Y

*Spin-glass behavior in single-crystalline U<sub>2</sub>PtSi<sub>3</sub>*

Physica B 281 (2000) 247 – 248

00-IMR0516

Homma, Y; Kawai, S; Shiokawa, Y

*Evolution of non-Fermi liquid state from U<sub>2</sub>Pd<sub>1-x</sub>Si<sub>3+x</sub> spin glasses*

Physica B 281 (2000) 249 – 250

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Havela, L; Kolomiets, A; Honda, F; Andreev, AV; Sechovsky, V; DeLong, LE; Shiokawa, Y; Kagayama, T; Oomi, G

*Stability of the non-Fermi liquid state in UCoAl*

Physica B 281 (2000) 379 – 380

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Koyama, K; Yoshida, M; Nojiri, H; Sakon, T; Motokawa, M; Li, DX; Suzuki, T

*Magnetic resonance of GdAs*

Physica B 281 (2000) 456 – 457

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*De Haas-van Alphen effect in GdAs*

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Ohno, T; Ushida, Y; Kontani, M; Homma, Y; Shiokawa, Y; Sumiyama, K; Suzuki, K; Kishimoto, Y

*Magnetic susceptibility of amorphous UPd<sub>2</sub>Al<sub>3</sub>*

Physica B 284 (2000) 1287 – 1288

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- Li, DX; Nimori, S; Shiokawa, Y; Tobo, A; Onodera, H; Haga, Y; Yamamoto, E; Onuki, Y  
*Spin-glass behavior with short-range antiferromagnetic order in Nd<sub>2</sub>AgIn<sub>3</sub>*  
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*Excitation and deexcitation processes of Eu(III) benzo-15-crown-5 complex studied on comparing with its first coordination sphere*  
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*Magnetic properties of U<sub>1-x</sub>Lu<sub>x</sub>NiGa solid solutions*  
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*Interplay between non-magnetic dilution and pressure effects in magnetism of UCoAl*  
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*Cyclotron resonance of GdSb*  
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- Koyama, K; Yoshida, T; Li, DX; Motokawa, M  
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Czech. J. Phys. 52 (2002) 271 – 274

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Andreev, AV; Janousova, B; Sechovsky, V; Homma, Y; Shiokawa, Y  
*Magnetization and specific heat of UCo<sub>0.95</sub>Tl<sub>0.05</sub>Al (T = Fe, Ni) single crystals*

Czech. J. Phys. 52 (2002) 275 – 278

02-IMR0619

Yamamura, T; Shiokawa, Y; Yamana, H; Moriyama, H  
*Electrochemical investigation of uranium beta-diketonates for all-uranium redox flow battery*

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Honda, F; Andreev, AV; Sechovsky, V; Homma, Y; Shiokawa, Y  
*Evolution of magnetism in U(Ni<sub>1-x</sub>Pdx)<sub>2</sub>Si<sub>2</sub> single crystals*

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*Magnetic properties of single crystalline UFeSi*

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Koyama, K; Yoshida, M; Tomimatsu, T; Sakon, T; Li, DX; Shirakawa, M; Ochiai, A; Motokawa, M  
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Physica B 319 (2002) 208 – 219  
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*Preparation of lanthanum and cerium metals by hydrometallurgy*

J. Alloy. Compd. 352 (2003) 246 – 249

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*Magnetic properties of Lu<sub>2</sub>Fe<sub>7</sub> crystals*

J. Alloy. Compd. 361 (2003) 48 – 53

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J. Phys.-Condes. Matter 15 (2003) S2055 – S2061

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04-IMR0559

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