

-Yugo Oshima/Publication List-

No.	Title	Author	Publisher
1	"Cyclotron resonance study of theta-(BEDT-TTF) ₂ I ₃ "	Y.Oshima, N.Nakagawa, K.Akioka, H.Ohta, S.Okubo, M.Tamura, Y.Nishio and K.Kajita	Synth. Met. 103 (1999) 1919-1920.
2	"Circularly polarized cyclotron resonance measurement system and its application to BEDT-TTF salts"	H.Ohta, Y.Oshima, N.Nakagawa, K.Akioka, S.Okubo and K.Kanoda	Synth. Met. 103 (1999) 1913.
3	"Fermi surface study of theta-(BEDT-TTF) ₂ I ₃ by cyclotron resonance measurements"	Y.Oshima, H.Ohta, S.Okubo, K.Koyama, M.Motokawa, M.Tamura, Y.Nishio and K.Kajita	Synth. Met. 120 (2000) 853-854.
4	"High-field magneto-optical measurements of BEDT-TTF salts"	Y.Oshima, H.Ohta, S.Okubo, K.Koyama, M.Motokawa, M.Tamura, Y.Nishio and K.Kajita	Physica B 294-295 (2001) 431-434.
5	"Observation of direct transition in S=1/2 quantum spin system Cu ₂ (C ₅ N ₁₂ N ₂) ₂ Cl ₄ by high field ESR"	H.Ohta, Y.Oshima, T.Sakurai, S.Okubo, T.Tanaka, K.Koyama, M.Motokawa, H.Kikuchi, H.Nagasawa and J.P.Boucher	J.Magnetism and Magnetic Materials 226-230 (2001) 439-440.
6	"Magnetism of C ₆₀ -based molecular complexes: High field magnetisation and magneto-optical study"	S.V.Demishev, N.E.Sluchanko, L.Weckhuysen, V.V.Moshchalkov, H.Ohta, S.Okubo, Y.Oshima and N.G.Spitsina	Physics of the Solid State 44 (2002) 425.
7	"Magneto-optical measurements of BEDT-TTF salts containing supramolecular assemblies"	Y.Oshima, H.Ohta, H.M.Yamamoto, R.Kato, K.Koyama and M.Motokawa	Synth. Met. 133-134 (2003) 453-454.
8	"High field ESR and magneto-optical measurements in millimeter and submillimeter wave regions"	H.Ohta, S.Okubo, Y.Oshima, T.Sakurai, M.Sarunashi, Y.Uwatoko, K.Koyama, M.Motokawa, H.M.Yamamoto and R.Kato	Proceedings of IRMMW (Toulouse, 2001) 4-27, p257-262.
9	"ESR studies of BEDT-TTF organic conductors containing supramolecular assemblies"	Y.Oshima, H.Ohta, H.M.Yamamoto and R.Kato	<i>EPR in the 21st century</i> (Elsevier Science B.V., 2002), p.312-315
10	"EPR evidence of onset of the quantum critical point in CuGeO ₃ :Fe"	S.V.Demishev, R.V.Bunting, H.Ohta, S.Okubo, Y.Oshima, and N.E.Sluchanko	<i>EPR in the 21st century</i> (Elsevier Science B.V., 2002), p.741-746

11	"Observation of high order harmonic resonances in magneto-optical measurements of (BEDT-TTF) ₂ Br(DIA)"	Y.Oshima, H.Ohta, K.Koyama, M.Motokawa, H.M.Yamamoto and R.Kato	J. Phys. Soc. Jpn. 71 (2002) 1031. cond-mat/ 0204204
12	"Magneto-optical measurements of beta-(BEDT-TTF) ₂ AuI ₂ "	H.Ohta, Y.Oshima, Y. Inagaki, S. Okubo, M. Kimata, K. Koyama, M. Motokawa and T. Mori	Synth. Met. 135-136 (2003) 527-528.
13	"Magneto-optical measurements of quasi-one-dimensional conductor (DMET) ₂ I ₃ "	Y.Oshima, H.Ohta, K.Koyama, M.Motokawa, H.Nishikawa, K.Kikuchi and I.Ikemoto	Synth. Met. 135-136 (2003) 531-532.
14	"Magnetic properties of the fullerenne organic compounds in strong magnetic field"	N. Spitsina, S. Demishev, H. Ohta, S. Okubo, Y. Oshima and L. Weckhuysen	Polyhedron 22 (2003) 2009-2012.
15	"Quantum critical point in CuGeO ₃ doped with magnetic impurities"	S.V. Demishev, Y. Inagaki, M.M. Markina, H. Ohta, S. Okubo, Y. Oshima, A.A. Pronin, N.E. Sluchanko, N.A. Samarin and V.V. Glushkov	Physica B 329-333 (2003) 715-716.
16	"Fermi surface study of quasi-two-dimensional organic conductors by magneto-optical measurements"	Y.Oshima, H.Ohta, K.Koyama, M.Motokawa, H.M.Yamamoto, R.Kato, M. Tamura, Y. Nishio and K. Kajita	J. Phys. Soc. Jpn. Vol.72 (2003) 143. cond-mat/ 0211194
17	"Anomalous temperature dependence of the ESR linewidth in CuGeO ₃ doped with magnetic impurities and the universal relations in the Oshikawa-Affleck theory"	S.V. Demishev, Y. Inagaki, H. Ohta, S. Okubo, Y. Oshima, A. A. Pronin, N.A. Samarin, A.V. Semeno and N.E. Sluchanko	Europhys. Lett. 63 (2003) 446-452
18	"Fermi surface study of quasi-one-dimensional metals using magneto-optical techniques"	Y. Oshima, M. Kimata, K. Kishigi, H. Ohta, K. Koyama, M. Motokawa, H. Nishikawa, K. Kikuchi and I. Ikemoto	Phys. Rev. B 68 (2003) 054526-054530.
19	"Electric and thermoelectric transport probes of metal-insulator and two-band magnetotransport behavior in graphite"	T. Tokumoto, E. Jobiliong, E.S. Choi, Y. Oshima and J.S. Brooks	Solid State Commun. 129 (2004) 599-604.
20	"Observation of high-order quasi-one-dimensional periodic orbit resonance in (DMET) ₂ I ₃ and its fermi surface"	Y. Oshima, M. Kimata, K. Kishigi, H. Ohta, K. Koyama, M. Motokawa, H. Nishikawa, K. Kikuchi and I. Ikemoto	Physica B 346-347 (2004) 387-391.
21	"Magneto-optical measurements of beta-(BEDT-TTF)(TCNQ)"	M. Kimata, Y. Oshima, H. Ohta, K. Koyama, M. Motokawa, H. M. Yamamoto and R. Kato	Physica B 346-347 (2004) 382-386.
22	"Magnetism and electron spin resonance in single crystalline beta-AgNpO ₂ (SeO ₃)"	E. Jobiliong, Y. Oshima, J. S. Brooks, T. E. Albrecht-Schmitt	Solid State Commun. 132 (2004) 337-342.
		M. Kimata, H. Ohta, K.	Int. J. Mod.

23	"Development of the high field magneto-optical measurement system with a rotational cavity for the study of organic conductors"	M. Kimata, H. Ohta, K. Koyama, Y. Oshima, M. Motokawa, H. M. Yamamoto and R. Kato	Int. J. Mod. Phys. B 18 (27-29) (2004) 3803-3806.
24	"Microwave EPR spectroscopy of cobalt-doped germanium cuprate"	S. V. Demishev, A. V. Semeno, N. E. Sluchanko, N. A. Samarin, A. A. Pronin, Y. Inagaki, S. Okubo, H. Ohta, Y. Oshima and L. I. Leonyuk	Phys. Solid State 46 (2004) 2238-2248.
25	"Magnetic, thermoelectric, and pressure studies of the magnetic field-induced metal to insulator transition in tau-phase organic conductors"	J.S. Brooks, D. Graf, Y. Oshima, E.S. Choi, K. Murata, T. Konoike and G. Papavassiliou	Synth. Met. 152 (2005) 441-444.
26	"EMR Measurements of Field-Induced Superconductor λ -(BETS) $_{2}$ Fe $_{x}$ Ga $_{1-x}$ Cl $_{4}$ "	Y. Oshima, E. Jobiliong, J.S. Brooks, S.A. Zvyagin, J. Krzystek, H. Tanaka, A. Kobayashi, H. Cui and H. Kobayashi	Synth. Met. 153 (2005) 365-368.
27	"Fermi Surface Study of beta"-(BEDT-TTF)(TCNQ) by Magneto-optical Measurements"	M. Kimata, Y. Oshima, K. Koyama, H. Ohta, M. Motokawa, H.M. Yamamoto and R. Kato	Synth. Met. 153 (2005) 369-372.
28	"Development and Application of Magneto-optical Measurement System Equipped with a Rotational Resonant Cavity in the Millimeter-Wave Region"	M. Kimata, K. Koyama, H. Ohta, Y. Oshima, M. Motokawa, H. Nishikawa, K. Kikuchi and I. Ikemoto	Jpn. J. Appl. Phys. 44 (2005) 4930-4934.
29	"Magneto-Optical Measurement of Organic Conductor Using Rotational Cavity System"	H. Ohta, M. Kimata, K. Koyama, Y. Oshima, M. Motokawa, H. Nishikawa, K. Kikuchi and I. Ikemoto	Int. J. Infrared Milli. 26 (2005) 1525-1529.
30	"Collective magnetic excitation in a single-chain magnet by electron spin resonance measurements"	Y. Oshima, H. Nojiri, K. Asakura, T. Sakai, M. Yamashita and H. Miyasaka	Phys. Rev. B 73 (2006) 214435-214439.
31	"Detailed Fermi Surface Topology of the Quasi-One-Dimensional Conductor (DMET) $_{2}$ I $_{3}$ "	M. Kimata, Y. Oshima, K. Koyama, H. Ohta, M. Motokawa, H. Nishikawa, K. Kikuchi and I. Ikemoto	J. Low. Temp. Phys. 142 (2006) 523-526.
32	"Electron Spin Resonance Study of the Organic Conductor beta-(BDA-TTP) $_{2}$ FeCl $_{4}$ "	Y. Oshima, T. Tokumoto, J.S. Brooks, H. Akutsu and J. Yamada	J. Low. Temp. Phys. 142 (2006) 555-558.
33	"Ferromagnetic Exchange Interactions for Cu $^{6+}$ and Mn $^{6+}$ Hexagons Sandwiched by Two B-alpha-[XW $_{9}$ O $_{33}$] $^{9-}$ (X=As $^{(III)}$ and Sb $^{(III)}$) Ligands in D $_{3d}$ -Symmetric Polyoxotungstates"	T. Yamase, K. Fukaya, H. Nojiri and Y. Oshima	Inorg. Chem. 45 (2006) 7698-7704.
34	"Magnetic Properties of the ferromagnetic ring-shaped single-molecule magnet Cu $_{6}$ "	Y. Oshima, H. Nojiri, K. Fukaya, and T. Yamase	J. Phys: Conf. series 51 (2006) 195-198.

35	"Low-temperature Fermi surface of the organic conductor beta"-(BEDT-TTF)(TCNQ) _{1-x} (F1-TCNQ) _x (x=0,0.05) from magneto-optical measurements"	M. Kimata, Y. Oshima, H. Ohta, K. Koyama, M. Motokawa, H. M. Yamamoto, and R. Kato	Phys. Rev. B 75 (2007) 045126-045134.
36	"Hybrid Molecular Material Exhibiting Single-Molecule Magnet Behavior and Molecular Conductivity"	H. Hiraga, H. Miyasaka, K. Nakata, T. Kajiwara, S. Takaishi, Y. Oshima, H. Nojiri, and M. Yamashita	Inorg. Chem. 46 (2007) 9661-9671.
37	"1/3 Magnetization Anomaly in Triangular Spin Prism"	Y. Oshima, H. Nojiri, K. Fukaya, and T. Yamase	J. Phys. Soc. Jpn. 77 (2008) 044706-1-044706-6.
38	"Antiferromagnetic d-electron exchange via a spin-singlet pi-electron ground state in an organic conductor"	T. Tokumoto, J.S. Brooks, Y. Oshima, E.S. Choi, L.C. Brunel, T. Kaihatsu, J. Yamada, and J. van Tol	Phys. Rev. Lett. 100 (2008) 147602-147605.
39	"Thermodynamic Properties of a Spin-1/2 Spin-liquid State in a kappa-type Organic Salt"	S. Yamashita, Y. Nakazawa, M. Oguni, Y. Oshima, H. Nojiri, Y. Shimizu, K. Miyagawa and K. Kanoda,	Nature Phys. 4 (2008) 459-462.
40	"Structure and Magnetism of [n-BuNH ₃] ₁₂ [Cu ₄ (GeW ₉ O ₃₄) ₂].14H ₂ O Sandwiching a Rhomblike Cu ₄ 8+ Tetragon through alpha-Keggin Linkage"	T. Yamase, H. Abe, E. Ishikawa, H. Nojiri and Y. Ohshima	Inorg. Chem. 48 (2009) 138-148.
41	"Magnetic-Field Induced Phase Transitions in a Weakly Coupled S = 1/2 Quantum Spin Dimer System Ba ₃ Cr ₂ O ₈ "	M. Kofu, H. Ueda, H. Nojiri, Y. Oshima, T. Zenmoto, K. C. Rule, S. Gerischer, B. Lake, C. D. Batista, Y. Ueda, and S.- H. Lee	Phys. Rev. Lett. 102 (2009) 177204-177207
42	"Magneto-optical studies of low-dimensional organic conductors"	H. Ohta, M. Kimata and Y. Oshima	Sci. Technol. Adv. Mater. 10 (2009) 024310/1-13
43	"Intrinsic Magnetoresistance of Single-Walled Carbon Nanotubes Probed by a Noncontact Method "	Y. Oshima, T. Takenobu, K. Yanagi, Y. Miyata, H. Kataura, K. Hata, Y. Iwasa, and H. Nojiri	Phys. Rev. Lett. 104 (2010) 016803
44	"High Magnetic Field Micro-Calorimeter and Application for BE-Condensation of Cr ⁵⁺ Dimer System"	T. Zenmoto, Y. Oshima, H. Nojiri, S. H. Lee and M. Kofu	J. Low Temp. Phys. 159 (2010) 118-121