

ICMS 2017 Poster Session I

	Title	Co-authors
P1	Pauli blockade and spin dependent recombination as new mechanisms of spin evolutions in three spin systems	<u>Vitaliy Berdinskiy</u> *, Alexandr Letuta
P2	Density operator and correlation functions calculation for multi-level open quantum systems	<u>Nikolai N. Bogolubov Jr.</u> *, Andrey V.Soldatov
P3	Magnetic Field Effects on Polymorphism of Glycine	Yoshihisa Chiba, Keisuke Suzuki, and Isao Yamamoto
P4	Analysis on Flow in Asymmetric Zone of Mold in Continuous Casting of Slab with EMBr by 3-D Simulation	Kang DENG*, Ying LI and Zhongming REN
P5	Carbonization of anthracene pitch for high orientation by magnetic field	Kazuki Fujio, Atom Hamasaki, Yuya Sekinuma, Sumio Ozeki
P6	Magnetic orientation of the hyphae of <i>Aspergillus oryzae</i>	Yoshihisa Fujiwara, Masahiro Kasuga, and Hikaru Harita
P7	Differential Thermal Analysis in Mn-Al Alloys under High Magnetic Fields	<u>Shuto Fumoto</u> *, Ryota Kobayashi, Yoshifuru Mitsui, Masakazu Ito, Kohki Takahashi, Keiichi Koyama
P8	Effects of light and magnetic field on the metabolism of <i>Aspergillus oryzae</i>	Hikaru Harita*, Yoshihisa Fujiwara
P9	Magnetic orientation of RE123 particles having a twin structure	<u>Fumiko Kimura</u> *, Tsunehisa Kimura, Shigeru Horii, Itsuki Arimoto, Toshiya Doi
P10	Crystal System Determination of Microcrystals by Uniaxial Magnetic Orientations	K. Matsumoto, <u>F. Kimura</u> *, and T. Kimura
P11	Enhancement of diamagnetism under rotating magnetic field as studied by magnetic orientation	<u>Yosuke Kimura</u> , Tsunehisa Kimura, Fumiko Kimura
P12	Phase Transformation of as-cast Mn-Al in High Magnetic Field	R. Kobayashi, Y. Mitsui, R. Y. Umetsu, K. Takahashi, M. Mizuguchi, K. Koyama
P13	The influence of constant magnetic field on nickel electrodeposition and chemical nickel plating	<u>Karina Kołodziejczyk</u> *, Marek Zieliński, Ewa Miękoś, Marta Jaksender, Dominik Szczukocki, Karolina Czarny
P14	Magnetic isotope effects of magnesium ²⁵ Mg in resistance of <i>E. coli</i> to antibacterial drugs	<u>LETUTA Ulyana</u> *, Kornilova Tatyana, Binder Anna
P15	Magnetic and Structural Properties of (Mn,Cr)AlGe	<u>Hayato Masumitsu</u> *, Soshi Yoshinaga, Yoshifuru Mitsui, Rie Y. Umetsu, Masahiko Hiroi, Yoshiya Uwatoko, Keiichi Koyama
P16	Magneto-electrodeposition of NiMo and CoMoNi alloys	K. Msellak*, O. Aaboubi
P17	Numerical simulation of mass transfer and convection near a hydrogen bubble during water electrolysis in magnetic fields	<u>G. Mutschke</u> *, D. Bazczykalski, F. Karnbach, M. Uhlemann, X. Yang, K. Eckert, J. Fröhlich, C. Cierpka
P18	Magnetic Field Dependence of Alignment for Lysozyme Crystallized by LLIP Method using Paramagnetic Chloride	Toshiya Okabe, Mone Tatara, and Isao Yamamoto
P19	Magnetic-field-inducing phase transformation of an ionic liquid N,N,N-trimethyl-N-propylammonium bis(trifluoromethanesulfonyl)imide	Hayato Otsuka, Atom Hamasaki, Sumio Ozeki
P20	Combination of UV-Vis and resonance light scattering as a probe to measure kinetics of TPPS J-aggregates in situ	<u>A.N. Papanikolopoulos</u> *, H. Elemans, H. Engelkamp, P. C. M. Christianen

ICMS 2017 Poster Session II

	Title	Co-authors
P21	Magnetic Separation: a new route for material recycling	J.B. Denis, A.Griffond, H.Muguerra, S.Garcia, A. Quillery, <u>S.Rivoirard*</u>
P22	Extremely Large Magnetoresistance in Single Crystals of nonmagnetic Grey Arsenic with Topological Electronic States	Takao Sasagawa and Takuya Nakano
P23	Influence of magnetic field on Co-doped ZnO	<u>M. Stübner*</u> , O. Riou, J. Kováč, I. Skorvanek, J.P. Chopart, A.L. Daltin
P24	Transmittance Variation of Iron Oxide Nanoparticle Dispersion under Damped Oscillation Magnetic Field	<u>Masayori Suwa*</u> , Akira Uotani, Satoshi Tsukahara
P25	Effects of magnetic treatment water on the initial stage of calcium carbonate formation	<u>Shunichiro Suzuki</u> , Atom Hamasaki, and Sumio Ozeki
P26	In-field annealing effects on (Mn,Zn)-Al	A. Takaki, R. Kobayashi, Y. Mitsui, R. Y. Umetsu, K. Takahashi, M. Mizuguchi, K. Koyama
P27	In-field annealing effects on $Mn_xAl_{100-x}C_2$	Yudai Takanaga, Yoshifuru Mitsui, Masahiko Hiroi, Ryota Kobayashi, Kohki Takahashi, Keiichi Koyama
P28	Noninvasive detection method of crystals accumulated in vivo	Y. Takeuchi and M. Matsuda
P29	Magnetic Field Effects of Thaumatin Crystallized by LLIP Method	Mone Tataru, Toshiya Okabe, Noriyuki Hirota, and Isao Yamamoto
P30	Diffusion and phase formation of Fe-Ga alloys under magnetic field	<u>Toshiaki Hagio</u> , Yoshifuru Mitsui, Kohki Takahashi, Keiichi Koyama
P31	Miniaturization of magnetic modulator design applying for CMOS biosensor array	<u>Eizo Ushijima*</u> , Satoshi Fujimoto, Kiichi Niitsu, Kazuo Nakazato
P32	Three-dimensional magnetic alignment of ferromagnetic particles with magnetocrystalline anisotropy	<u>Masuhiko Yamaguchi*</u> , Isao Yamamoto, and Kotaro Nakada
P33	Iron Involves in Regulating Bone Remodeling Under High Static Magnetic Field	<u>Jiancheng Yang*</u> , Jian Zhang, Dandan Dong, Shenghang Wang, Peng Shang
P34	6.5wt% Si high silicon steel sheets prepared by composite electrodeposition in magnetic field	<u>Yunbo Zhong*</u> , Minghu Peng
P35	The Influence of Constant Magnetic Field on Biochemical, Bioelectrochemical Processes and Biopolymers	<u>Ewa Miękoś</u> , Marek Zieliński, Karina Kołodziejczyk, Marta Jaksender, Barbara Krawczyk, Dariusz Sroczyński