

- P001 A.M. Panich, N.A. Sergeev  
*Nuclear spin-lattice relaxation in intercalated fullerenes*
- P002 F. Torrens, G. Castellano  
*Cluster nature of single-wall carbon nanocones and nanohorns*
- P003 E. Tsurko, N. Sorokina, O. Shornikova  
*Expandable graphite sonification in different solvents*
- P004 N.E. Sorokina, A.S. Tikhomirov, A.P. Malakho, V.V. Avdeev  
*Exfoliated graphite/pyrolytic carbon composite as a thermal insulator*
- P005 A.S. Tikhomirov, N.E. Sorokina, A.P. Malakho, V.V. Avdeev  
*Mechanical properties of exfoliated graphite/pyrolytic carbon composites*
- P006 E.N. Konyushenko, Z. Rozlívková, J. Zemek, J. Stejskal, M. Trchová  
*Surface modification of carbon nanotubes by polyaniline and carbonized polyaniline*
- P007 A. Suzuki, T. Oku  
*Comparison between 14n@c60 and 31p@c60 encapsulating fullerenes within swcnt as peapods on electronic structure and magnetic properties*
- P008 A. Feher, S.B. Feodosyev, I.A. Gospodarev, V.I. Grishaev, O.V. Kotlyar, K.V. Kravchenko, E.V. Manzhelii, E.S. Syrkin  
*Phonon spectra of metal intercalated graphite*
- P009 Q. Zhang, M.-Q. Zhao, J.-Q. Huang, F. Wei  
*Mechanical energy absorbing based on hierarchical resilient carbon nanotube intercalated compound*
- P010 O. Tanaike, Y. Yamada, M. Kodama, N. Miyajima  
*Exfoliation of graphite through the pyrolysis of bromine-graphite intercalation compounds in vacuumed glass tube*
- P011 M.X. Wang, Z.H. Huang, W. Lv, Q.H. Yang, F.Y. Kang, K.M. Liang  
*Water vapor adsorption on low-temperature exfoliated graphene nanosheets*
- P012 W.F. Zhang, Z.-H. Huang, G.P. Cao, F.Y. Kang, Y.S. Yang  
*Mesophase pitch based porous graphitic carbon by one dimensional nano-sized MgO template*
- P013 N.V. Maksimova, M.I. Saidaminov, A.P. Malakho  
*Synthesis of expandable graphite with boron compounds*
- P014 A. Lerf, P. Feicht, G. Raudaschl-Sieber, S. Srivastava  
*Troubles with graphite oxide*
- P015 J.-Q. Huang, M.-Q. Zhao, Q. Zhang, F. Wei  
*Intercalated production of aligned nitrogen-doped carbon nanotubes on lamellar catalysts by fluidized bed process for advanced supercapacitor*
- P016 I.V. Ovsienko, L.Yu. Matzui, I.P. Pundyk  
*Thermopower of graphite intercalation compounds with Co and Fe*
- P017 I.V. Ovsienko, L.L. Vovchenko, L.Yu. Matzui, O.V. Zhuravkov  
*Pressure dependence of resistivity of the graphite and its intercalated compounds*
- P018 I.Y. Kim, J.M. Lee, T.W. Kim, S.-J. Hwang  
*A phase transformation route to highly porous graphene-layered titanate nanohybrids*
- P019 M. Toyoda, Y. Ohuchi, T. Kinumoto, T. Tsumura  
*Synthesis of novel acceptor type graphite intercalation compounds by using*

*electrochemical processing*

- P020 H.J. Yeo, J.H. Kang, S.M. Paek  
*Intercalation of graphene oxide with aluminum polyoxocationic species*
- P021 D.V. Savchenko, S.G. Ionov  
*Mechanical, electrical and thermal properties of flexible graphite foil*
- P022 E.-H. Shim, Y. Arai, S. Kim, W. Jang, H. Jung  
*Size-dependent cytotoxicity of nano-sized C<sub>60</sub> aqueous colloids*
- P023 H.-M. Kim, K.-M. Kim, J.-M. Oh  
*Preparation and surface modification of graphene oxide*
- P024 H.A. Matnishyan, T.L. Akhnazaryan, G.V. Hambartsumian, M.I. Hakobyan  
*The mechanism of formation of structural heterogeneity in polyaniline*
- P025 T. Kume, I. Yajima, S. Sasaki, H. Shimizu, T. Takabatake, S. Nakano  
*Rattling vibration of clathrate under high pressure*
- P026 L. Vovchenko, V. Vovchenko  
*Percolation in composite materials with mixture of carbon fillers*
- P027 S.-J. Hao, K. Takai, V.L. Joseph Joly, K. Yokota, M. Kiguchi, T. Enoki  
*Charge transfer effect of HNO<sub>3</sub> on a nanoporous network of nanographene sheets*
- P028 T. Akiyama, S. Matsumura, K. Matsuoka, T. Oku, S. Yamada  
*Fabrication and photocurrent generation of mixture film consisting of c60-ethylenediamine adduct and a polythiophene*
- P029 T.S. Koltsova, A.G. Nasibulin, O.V. Tolochko, E.S. Vasilyeva, T.V. Larionova, D. Kim, J.-H. Yu  
*Growth of carbon nanofibers on the copper surface*
- P030 O. Ozsoya, K. Harigaya  
*Doping in graphene with bonds alternation for uniform, non-uniform and thin flake with periodic boundaries*
- P031 G. Lota, K. Fic, J. Tyczkowski, R. Kapica, E. Frackowiak  
*Influence of plasma treatment on hydrogen insertion in activated carbons*
- P032 K. Fic, G. Lota, E. Frackowiak  
*Graphenes as potential material for hydrogen insertion*
- P033 I. Acznik, A. Lewandowski  
*Electrochemical behaviour of Li-ion batteries electrodes with previously formed SEI operating in ionic liquids*
- P034 X.T. Wang, M.X. Li, F.Z. Zhang, S.L. Xu  
*Preparation and Li storage properties of hollow CoFe<sub>2</sub>O<sub>4</sub> spheres derived from a single precursor of layered double hydroxide*
- P035 T. Oku, A. Nagata, A. Suzuki, T. Akiyama  
*Fabrication and characterization of bulk-heterojunction solar cells using fullerene clusters*
- P036 T. Oku, T. Kitao  
*Possible continuous condensation of deuterons in hydrogen storage alloys*
- P037 K. Yoshida, T. Oku, T. Akiyama, A. Suzuki  
*Fabrication and characterization of polysilane/PCBM-based organic solar cells*
- P038 J. Ikeda, P. Quynh, S. Ikeda, R. Nouchi, Y. Tanabe, K. Tanigaki  
*Transport characteristics of rubrene single crystal transistors gated by various ionic liquids*
- P039 Y.R. Lee, M.A. Woo, K.M. Lee, T.W. Kim, S.-J. Hwang

- A layer-by-layer assembly route to  $[Mn_{1/3}Co_{1/3}Ni_{1/3}]O_2$  hollow spheres applicable for lithium intercalation electrode*
- P040 S.-Y. Han, I.Y. Kim, S.J. Hwang  
*Synthesis and electrochemical characterization of 2D nanostructured  $Li_4Ti_5O_{12}$  with lithium electrode functionality*
- P041 D.Y. Sung, I.Y. Kim, S.-J. Hwang  
*Room temperature synthesis of nanostructured manganese oxides with various crystal structures and pseudocapacitance behaviors*
- P042 S.M. Paek, J.H. Kang, H.J. Yeo, J.H. Choy  
*Titania-pillared molybdenum oxide as new nanoporous electrode and photocatalist*
- P043 K. Inoue, A. Suzuki, T. Akiyama, T. Oku  
*Electrochemically deposited polyaniline thin films and its application for organic solar cells*
- P044 T.Y. Choi, Y.H. Song, D.H. Yoon  
*Emission color tuning of promising oxinitride phosphor for white light emitting diodes*
- P045 A. Gauzzi, N. Bendiab, M.D. Astuto, M. Calandra, F. Mauri, G. Loup, N. Emery, C. Hérold, J.F. Marêché, P. Lagrange, M. Handfland, M. Mezouar  
*Pressure-induced order-disorder phase transition in superconducting  $CaC_6$ , evidenced by X-ray diffraction*
- P046 É. Csányi, T. Kristóf  
*Molecular simulation of water removal from gases*
- P047 J. Tokarský, P. Čapková  
*Design of nanocomposite materials using molecular modeling*
- P048 F.J. Quides, L.P. da Costa, F.A. Sigoli, I.O. Mazali, H.O. Pastore  
*Generation of silver nanoparticles with controlled morphology into layered materials*
- P049 Y.X. Zhang, M. Dong, X.L. Li, J.M. Huang  
*Facile synthesis of gold(I) alkanethiolate nanotubes from layered nanosheets*
- P050 T. Szabó, Á. Mastalir, I. Dékány, M. Quiroga, D. Liprandi, E. Cagnola  
*Synthesis of palladium nanoparticles in graphite oxide, catalytic applications*
- P051 N. Shevchenko, A. Men'shikova, T. Evseeva, B. Shabsel's, V. Pharaonova  
*Three-dimensionally ordered nanocomposites based on monodisperse polymer particles*
- P052 Ch. Wei, Ch. Xu, B. Li, F. Kang  
*Preparation of nano-sized manganese dioxides with various tunnel structures*
- P053 N.-R. Lee, H. Jung  
*Low-temperature fabrication of  $Mn_3O_4$  nanorods by solid-state decomposition of exfoliated  $MnO_2$  nanosheets*
- P054 M.-J. Kwon, H. Jung  
*Synthesis and characterization of the cat's eye-shaped  $CoO@SiO_2$  nanoshell aqueous colloids*
- P055 H.-S. Bae, E.-H. Shim, H.-J. Yeo, S.-M. Paek, J.-H. Park, H. Jung  
*Gamma-ray irradiation synthesis and characterization of nickel hydroxide nanoparticles*
- P056 D.-H. Lee, H. Jung, J.H. Choy  
*Heterostructured inorganic-itraconazole nanohybrid for drug delivery system*

- P057 J. Ma, B.H. Li, F.Y. Kang  
*The improvement of the electrochemical performances of nano-crystalline LiFePO<sub>4</sub>-based cathode materials via adding vanadium*
- P058 N. Fagnern, S. Sanguanruang, N. Koonsaeng, C. Chawengkijwanich  
*Concentration effect of titaniumtetraisopropoxide on photocatalytic efficiency of nanocrystalline thin films TiO<sub>2</sub> prepared by sol-gel method for photodegradation of some textile dyes*
- P059 J.E. Kim, D.H. Park, J.M. Oh, J.H. Choy  
*DNA encapsulation into 2D crystalline lattice or X-ray nanoshell*
- P060 T. Biswick, D.H. Park, J.H. Choy  
*Enhancing the UV A1 screening ability of caffeic acid by encapsulation in layered zinc basic hydroxide matrix*
- P061 K.-M. Kim, Ch.-B. Park, A.-J. Choi, J.-H. Choy, J.-M. Oh  
*Adsorption of deoxyribonucleotides on the different charged layered nanoparticles*
- P062 E. Bretšnajdrová, L. Svoboda, J. Zelenka  
*Methods used for measuring size and shape of nanoparticles*
- P063 K.Y. Kim, J.A. Kim, Q. Wu, Y.J. Yoon, J. Kim  
*Photogeneration of Co-factors catalyzed by metal nanoparticles*
- P064 X.Y. Ma, J.T. Feng, D.Q. Li  
*Controllable synthesis and catalytic performance of palladium nanobars supported on hydrotalcite*
- P065 L.V. Ryabchinskaya, O.V. Tolochko, O.G. Klimova, J.-M. Ahn, I. Seo  
*Electrochemical synthesis and characterization of lanthanum hexaboride ultrafine particles*
- P066 B.K. Kang, K.M. Song, D.H. Yoon  
*Synthesis and structural properties of indium oxide nanoparticles by organic compound synthesis*
- P067 S. Yue, S.X. Yang, J. He, L.Y. Wang  
*Synthesis of ZnO nanorod arrays by thermal decomposition of layered double hydroxides*
- P068 H. Moulkia, A. Rougierb, G. Campeta, B. Orelc, A.S. Vukc, F. Sveglc  
*Ni<sup>3+</sup> containing niox thin films for enhanced durability in electrochromic devices*
- P069 S. Ng, J. Plank  
*Organo mineral phases incorporating polycarboxylate comb polymers formed during the early hdyration of calcium aluminate cement*
- P070 T. Deguchi, M. Iwasaki, H. Ozaki, H. Enomoto  
*Effect of dispersion medium on PDDA/Bi<sub>2</sub>212 LBL films*
- P071 A. Seron, V. Jean-Prost, C. Beny, F. Delorme, K. Michel  
*New synthesis route for lizardites*
- P072 S. Kokado, K. Harigaya, A. Sakuma  
*Spin-atomic vibration interaction and spin-flip hamiltonian of a single atomic spin in a crystal field*
- P073 P. Feicht, A. Lerf, J. Breu  
*Colloidal graphite oxide, its purification, phase transfer and electrokinetic properties*
- P074 N. Rani, J. Singh, H.C. Gupta

*Analytical expressions for the raman modes of metallic hydrides in their cubic phase*

- P075 A.S. Razinkin, A.N. Enyashin, I.I. Ogorodnikov, M.V. Kuznetsov, A.N. Titov  
*Atomic defects on the surface of two-dimensional layered titanium dichalcogenides: stm-, xpd- experiment and quantum chemical simulation*
- P076 N. Rani, J. Singh, H.C. Gupta  
*Zone centre phonons in cubic metallic hydrides*
- P077 L. Vovchenko, A. Lazarenko, I. Ovsienko, V. Oliynyk, V. Launetz  
*The effect of graphite functionalization on electrical and shielding properties of epoxy composites*
- P078 V. Kozachenko, L. Vovchenko, L. Matzui  
*Polymer composites with predetermined spatial distribution of magnetic graphite nanoplatelets*
- P079 M. Sohrabi, N. Fatourehchi, S.J. Royaei  
*Synthesis of H-SAPO34 molecular sieve as the catalyst for conversion of methanol to light olefins*
- P080 V. Jašková, A. Kalendová  
*Anticorrosive coatings containing modified phosphates*
- P081 H. Kukačková, A. Kalendová  
*Corrosion-inhibition properties of surface-modified fillers with polyaniline in organic coatings*
- P082 M. Mauer, P. Kalenda, M. Honner, P. Vacíkova  
*Composite fillers and their influence on emissivity*
- P083 Š. Obrdlík, A. Kalendová, E. Matějková  
*Anticorrosion behaviour of ion exchange pigments in epoxide coatings*
- P084 E. Matějková, Š. Obrdlík, A. Kalendová  
*The properties of surface treated mullite in protective organic coatings*
- P085 P. Benda, A. Kalendová  
*Thin ferrite layer on lamellar zinc core*
- P086 A.V. Semencha, L.N. Blinov  
*Chemical etching of silicate glasses. regularities and features of this process*
- P087 M. Mamiya, K. Kataoka, S. Kikuchi, Y. Terajima, K. Tokiwa, J. Akimoto  
*Synthesis and structure analysis of a new titanium oxide having an intergrowth structure between ramsdellite-type and calcium ferrite-type*
- P088 Y.H. Song, T.Y. Choi, H.R. Lee, D.H. Yoon  
*Enhancement of thermal quenching properties using coating of yellow- emitting yag phosphor*

Poster session 2

Tuesday, May 24, 19:00

- P091 R. Kurdi, E. Horváth, J. Kristóf  
*Modeling of kaolinite intercalation by molecular mechanical means*
- P092 R. Skaudzius, R. Raudonis, A. Beganskiene, A. Kareiva  
*New mixed-metal garnets as host matrixes for luminescent materials*
- P093 E. Diamanti, G. Potsi, A. Enotiadis, K. Spyrou, P. Rudolf, E. Seristratidou, Y. Deligiannakis, D. Gournis  
*Novel hybrid materials derived from intercalation of adamantane amine in layered nanostructured matrices*
- P094 H. Enomoto, N. Yoshida, S. Baba, H. Ozaki, M.M. Lerner

*PEI/TaS<sub>2</sub> multilayer films assembled by the layer-by-layer technique via TaS<sub>2</sub>-nanosheet colloids*

- P095 A. Sumiyoshi, H. Hyodo, K. Kimura  
*Structural analysis of Li intercalated hexagonal boron nitride*
- P096 E. Akhidova, Yu.N. Gornostyrev, O.V. Antonova, A.N. Titov, V.P. Pilyugin, N.V. Selezneva, P. Panfilov  
*The mechanisms of dislocation plasticity in TiX<sub>2</sub> (X = S, Se, Te)*
- P097 Z. Zheng, S. Nakano, K. Inumaru, S. Yamanaka  
*Pressure-induced structural transformation in potassium intercalated  $\alpha$ -Zirconium nitride chloride, K<sub>x</sub>ZrNCl*
- P098 T. Satoh, S. Heguri, M. Kobayashi  
*Synthesis and X-ray diffraction of Calcium-intercalated hexagonal boron nitride*
- P099 E.A. Suslov, O.V. Bushkova, A.N. Titov, B.D. Antonov  
*Phase equilibria in the Li – TiX<sub>2</sub> (X=S, Se) systems*
- P100 M.H. Kim, A. Ayril, J.M. Oh  
*Pore modification of ceramic membranes and their diffusion properties*
- P101 M.H. Kim, J.M. Oh  
*Synthesis of hollow nanoporous silica particles and application for sustained release*
- P102 A. Donnadio, M. Casciola, M. Pica  
*Starch – zirconium phosphate composite membranes with reduced water uptake and enhanced mechanical and thermal properties*
- P103 A.A. Titov, V.A. Tsurin, A.I. Merentsov, S.G. Titov, E.G. Shkvarina, A.N. Titov  
*Stability of Cu<sub>x</sub>Fe<sub>y</sub>TiSe<sub>2</sub> co-intercalation compounds*
- P104 M. Bastianini, M. Nocchetti, R. Vivani, M. Taddei, D. Costenaro, C. Bisio, L. Marchese  
*Intercalation of I<sub>3</sub><sup>-</sup>/I redox couple on lamellar solids*
- P105 S. Moorhouse, G. Williams, D. O'Hare, M. Drakopoulos  
*Studying intercalation reactions using time-resolved in situ x-ray diffraction*
- P106 M. Cruz Costa, J. Caridade Costa  
*Intercalation into lamellar zirconium phosphates and phosphonates*
- P107 J. Svoboda, V. Zima, K. Melánová, L. Beneš  
*Acidobasic behavior of zirconium 4-sulfophenylphosphonate*
- P108 L. Beneš, K. Melánová, J. Svoboda, V. Zima, A. Růžička  
*Intercalation compounds of barium and strontium phenylphosphonate*
- P109 K. Melánová, J. Klevcov, L. Beneš, J. Svoboda, V. Zima  
*New layered functionalized titanium(IV) phenylphosphonates*
- P110 T.Y. Tsai, H.C. Wang  
*Study on the fire resistant and characterization of novolac cured epoxy/ldh nanocomposites with different types of ldh modified by organo-carbon nanocapsules (O-CNCS)*
- P111 T.Y. Tsai, W.C. Chen  
*Preparation and Characterization of Unsaturated Polyester/Organic Montmorillonite Nanocomposites*
- P112 R. Kanda, S. Yamazaki, H. Enomoto, M.M. Lerner  
*Conduction mechanism in polypyrrole/montmorillonite nanocomposites*
- P113 L. Kulhánková, J. Tokarský, P. Čapková

*Phyllosilicates intercalated by conducting polyanilines*

- P114 D. Hirsemann, J. Breu, S. Senker  
*Covalent grafting to  $\mu$ -hydroxy capped surfaces? A kaolinite case study*
- P115 R. Ben Achma, A. Ghorbel, A. Dafinov, F. Medina  
*Synthesis of new copper supported pillared clay catalysts and their catalytic activity in tyrosol oxidation reaction*
- P116 M.J. Suh, S.K. Ihm  
*Synthesis of perovskite-type metal oxide nanoparticles associated with mesoporous silica*
- P117 K.Y. Lee, M.Y. Kang, S.K. Ihm  
*Deactivation by coke deposition on the HZSM-5 catalysts in the methanol-to-hydrocarbon conversion*
- P118 T.-H. Kim, J.-M. Oh  
*Intercalation of functional organic molecules into Calcium-iron hydrocalumite through exfoliation-reassembly*
- P119 J. Arfaoui, L. Khalfallah Boudali, A. Ghorbel  
*Effect of molybdenum on the physicochemical properties of titanium pillared clay catalysts for the SCR of NO by NH<sub>3</sub>*
- P120 A.A. Tirelli, F.C.F. Marcos, L.O. Ferreira, J.P. da Silva, L.C.A. Oliveira, M.C. Guerreiro  
*Preparation of montmorillonite intercalated with iron oxide and its use as a dye adsorbent*
- P121 S.Y. Kim, M.C. Park, J.-H. Choy  
*Lidocaine-montmorillonite hybrid as a transdermal drug delivery system*
- P122 É. Makó, A. Kovács, J. Kristóf, E. Horváth  
*The effect of ageing on the formation and structure of kaolinite-potassium-acetate intercalation complex*
- P123 T. Szabó, B. László, Z. Király, Á. Mastalir  
*Enantioselective alkylation of benzaldehyde with diethylzinc catalyzed by (1R,2S)-(-)-n-dodecyl-n-methylephedrinium bromide intercalated in montmorillonite*
- P124 P. Menc, P. Antoš, A. Kalendová  
*Metakaolin based geopolymer coatings*
- P125 T.W. Kim, S.-J. Hwang  
*Novel visible light active photocatalysts of transition metal oxide nanocluster-layered nanosheet heterostructures*
- P126 T. Nakano, F. Moriasa, Y. Nishida, M.N.M. Muhid, H. Hamdan, Y. Nozue  
*Sodium paramagnetic clusters in zeolite P*
- P127 É. Makó, J. Kristóf, E. Horváth  
*The effect of grinding parameters on the formation of kaolinite-urea intercalation complex*
- P128 T. Kosugi, T. Miyake, S. Ishibashi, R. Arita, H. Aoki  
*First-principles electronic structure of potassium-doped solid picene*
- P129 F. Carniato, C. Bisio, G. Gatti, F. Olivero, L. Marchese  
*Novel organic-inorganic hybrid saponites for materials science applications*
- P130 K. Kamada, J.-H. Kang, J.-H. Choy  
*CeO<sub>2</sub> – layered aluminosilicate nanohybrids for UV screening*
- P131 F.G.E. Nogueira, M.C. Guerreiro, L.C.A. Oliveira

- Oxidation of toluene using catalysts based on clay modified with iron oxide*
- P132 R. Deinlein, J. Breu  
*Purification and characterization of Allophane from Ecuador*
- P133 B. D. Bakerly, J. Breu  
*Surface modification of kaolinite using different organic ligands (catechols, flavones)*
- P134 N. Zou, F.v. Hoessle, J. Plank  
*Intercalation of sulfanilic acid-phenol-formaldehyde polycondensate into hydrocalumite type layered double hydroxide*
- P135 S. Zhao, J. Xu, Y.-F. Song  
*A strategy to decrease the brønsted acidity of polyoxometalates in the oximation of aromatic aldehydes: Polyoxometalates intercalated in layered double hydroxides*
- P136 S.L. Xu, L.X. Zhang, Y.J. Lin, R.S. Li, F.Z. Zhang  
*MgAl- and ZnMgAl-layered double hydroxides used as flame retardant for engineering plastic acrylonitrile-butadiene-styrene (ABS)*
- P137 H. Nakayama, A. Hayashi  
*Solid-solid intercalation reaction of layered double hydroxide*
- P138 J.-K. Lin, J.-Y. Uan, C.-P. Wu, H.-H. Huang  
*Direct growth of oriented Mg-Fe layered double hydroxide (LDH) on pure Mg substrates and in vitro corrosion and cell adhesion testing of LDH-coated Mg samples*
- P139 F. Delorme, B. Vergnaud, P. Galle-Cavalloni, V. Jean-Prost, J. Manguin, K. Michel, A. Seron  
*Evidence of the influence of the cationic composition on the anionic affinity of LDHS*
- P140 J. Demel, J. Pleštil, P. Bezdička, P. Janda, M. Klementová, K. Lang  
*Delamination of layered zinc hydroxide salts*
- P141 M.R. Schütz, A. Schedl, J. Breu  
*New synthetic route to Fe<sup>3+</sup> containing layered double hydroxides (LDHS)*
- P142 A.C. Bordonal, Z. Naal, J.B. Valim  
*Preparation and electrochemical study of hybrid materials from layered double hydroxides and aniline derivatives*
- P143 J.F. Naime Filho, F. Leroux, J.B. Valim  
*Films of anionic silicones and ldh intercalated with aminoacids: a new hybrid material*
- P144 L.F. Silva, G.J. Demets, F. Leroux, C. Taviot-Guého, J.B. Valim  
*Reversible pillaring effect of neutral Cucurbit[6 and 7]uril in layered double hydroxides*
- P145 V. Hornok, T. Bujdosó, T. Rica, A.A. AbdEl-Hakim, A.M. Youssef, O.R.A. Soliman, I. Dékány  
*Stabilization of polymer hybrid nanocomposites using functionalised Zn-Al layer double hydroxides*
- P146 S. Eyele-Mezui, E. Delahaye, P. Turek, M. Drillon, P. Rabu, G. Rogez  
*Layered hydroxide-based magnets functionalized by transition metal complexes: A route to multifunctionality*
- P147 N. Drici-Setti, I. Balti, L. Smiri, Z. Derriche, F. Schoenstein, P. Léone, N. Jouini  
*An in-situ investigation of new layered Zinc-Cobalt hydroxyacetates: Elaboration by hydrolysis in polyol, and physico-chemical characterizations*



- P148 N. Drici-Setti, Z. Derriche, F. Schoenstein, P. Léone, J.-M. Grénèche, N. Jouini  
*New acetate-intercalated CoNiFe, ZnNiFe and CoZnFe layered double hydroxides: Synthesis by hydrolysis in polyol medium and characterization*
- P149 J. Wang, Z.Y. Lei, H. Qin, F. Li  
*Structure and catalytic property of Li-Al mixed metal oxides from layered precursors prepared via facile solution route*
- P150 Y.-W. Huang, S. Cheng  
*Arylate-intercalated Mg-Al layered double hydroxides and their H<sub>2</sub> adsorption*
- P151 L. Yang, J.S. Zhao, F. Li  
*Fabrication and photocatalytic property of CuO-coupled ZnO composite films from single source hydrotalcite precursors*
- P152 Y. Lu, Y. Zhao  
*Kinetic and adsorption mechanism of Ni(II) on layered double hydroxides intercalated with EDTA*
- P153 V. Bugris, H. Haspel, Á. Kukovecz, Z. Kónya, P. Sipos, I. Pálinkó  
*Rehydration of dehydrated CaFe-L(ayered)D(ouble)H(ydroxide) followed by dielectric relaxation spectroscopy*
- P154 D. Srankó, Sz. Muráth, Á. Kukovecz, Z. Kónya, P. Sipos, I. Pálinkó  
*CaFe-L(ayered)D(ouble)H(ydroxide)-acrylate nanohybrids - synthesis and structural characterisation*
- P155 Y. Lin, Q. Wei, K. Zhong, F. Li  
*Research on the industry synthesis of layered double hydroxides using NH<sub>4</sub>OH and (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> as precipitant*
- P156 Y. Lin, K. Zhong, Q. Wei, Q. Li, F. Li  
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