

## POSTER SESSION 3 - Thursday Sept. 16 H 3:00 PM - 4:00 PM

<b>AUTHOR</b>	<b>ID PROGRAM</b>	<b>ABSTRACT TITLE</b>	<b>ID ABSTRACT</b>
Abargues R.	Poster-Th-142	Ag-polymer nanocomposites for LSPR sensing	T13_098
Ahn J.H.	Poster-Th-143	Preparation of Ni-based nanocomposites using various metallic salts	T13_100
Akdeniz VM.	Poster-Th-145	Effect of Co concentration on structural and magnetic properties of bulk amorphous/nanocrystalline Fe-Nd-Zr-Y-B alloys	T27_001
AlArfaj E.	Poster-Th-064	Influence of Some Anodization Parameters on The Structure of Titania Nanotubes	T07_046
Alberto G.	Poster-Th-159	Hybrid Fluorescent Nanoparticles: Toward a Possible Molecular Control of the Photoemission Efficiency	T15_022
Alippi P.	Poster-Th-167	Hybrid functional investigations of substitutional Fe impurity in GaN	T22_005
Almeida R.K.	Poster-Th-005	Influence of intermediate species in the mesostructure SBA-16 silica mechanism formation	T01_019
Ambrosio E.P.	Poster-Th-109	Aluminium Matrix Nano-composites by Electrodeposition.	T13_055
Angelucci M.	Poster-Th-160	Potassium-doped FePc thin-film on metal surfaces: observation of different empty state occupation	T15_023
Aouada FA.	Poster-Th-111	Influence of clay filler content on the mechanical properties of thermoplastic starch nanocomposites.	T13_058
Araújo VD.	Poster-Th-056	Ce(1-x)O <sub>2</sub> :Cu <sub>x</sub> O nanoparticles synthesized by a microwave-assisted hydrothermal method.	T07_033
Arnold M.	Poster-Th-154	The charge storage effect of metal clusters in organic semiconductor structures.	T15_009
Askari M.	Poster-Th-030	Fabrication of Silica Nanowires with various Substrates and Investigation of the structural Properties and their Behavior	T06_019
Asnavandi M.	Poster-Th-123	Electrodeposition of micro- and nano-sized graphite particles in the bronze matrix composite coatings obtained by non-cyanide solution	T13_075
Attolini G.	Poster-Th-004	Surface Functionalization of 3C-SiC Nanowires	T01_014
Aydin I.	Poster-Th-122	Effects of Al <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> nano-fillers on the mechanical properties of dental composites reinforced with hydroxyapatite	T13_074
Azevedo AF.	Poster-Th-065	Characterization of different sp <sup>2</sup> /sp <sup>3</sup> carbon structures obtained by CH <sub>4</sub> insertion in Ar/H <sub>2</sub> gas mixture at HFCVD system.	T07_048
Babu Rao J.	Poster-Th-018	Thermal Stability Studies on Nano Structured Fly Ash synthesized by High Energy Ball Milling	T06_001
Bagdasarova K.A.	Poster-Th-104	Structure characteristics of carbon metal nanocomposites	T13_047
Barabaszová K.	Poster-Th-184	Characterization of vermiculite particles after different milling treatments	T13_105
Belyaeva A.	Poster-Th-024	High-dense nanostructured barrier layer for branches (n-Bi <sub>2</sub> Te <sub>3</sub> ) of TGM.	T06_009
Bihn J.	Poster-Th-086	X-ray Photoemission Study of RF Magnetron Deposited Mo Oxide Thin Films	T13_024
Biswal M.	Poster-Th-137	Mn <sub>3</sub> O <sub>4</sub> -CNT nano composite as a promising catalyst in liquid phase oxidation of p-cresol	T13_091
Biswas K.	Poster-Th-076	Spark Plasma Sintering of Nanostructured Cu and Cu-Pb Alloys.	T13_011
Biswas S.	Poster-Th-182	Quantitative understanding of ink transport in Dip-pen Nanolithography	T06_031

Brahma P.	Poster-Th-092	Electrical conductivity in magnetite-hematite nanocomposite	T13_030
Brusatin G.	Poster-Th-016	Radiation Sensitive Patternable Hybrid Organic-Inorganic Materials for Micro- and Nano- Patterning	T01_066
Calandra P.	Poster-Th-082	Synthesis of Yb/TiO <sub>2</sub> nanocomposites by laser ablation in reversed micellar solution	T13_020
Canu M.	Poster-Th-017	Carboxyl groups on hydrated calcite cleavage surface from first principles	T01_069
Capretti A.	Poster-Th-063	Electrical and optical characterization of Block Copolymers nanostructured thin films.	T07_045
Carrera M.M.	Poster-Th-129	Wettability of HDPE/ organophilic clay / polyvinyl alcohol nanocomposites.	T13_082
Caruntu D.	Poster-Th-058	Solvothermal Synthesis of Flower-like SnO <sub>2</sub> Nanostructures for Gas Sensing Applications	T07_036
Castellarin-Cudia C.	Poster-Th-152	Influence of Zn-tetraphenyl-porphyrin absorption in interface model systems for induced electron transfer	T15_006
Chanmal CV.	Poster-Th-133	MWCNT stabilized ferroelectric $\beta$ phase in non-percolating PVDF/MWCNT high k nanocomposite as a channel in a field effect device.	T13_087
Cheng J.	Poster-Th-069	Synthesis and self assembly of Al-Fe <sub>2</sub> O <sub>3</sub> nanocomposite by surfactant and dendrimer grafting techniques.	T13_001
<b>Chvoj Z.</b>	<b>Poster-Mo-088</b>	<b>Electronic nucleation and growth on Pb/Pb/Si(111) islands</b>	<b>T10_003</b>
Covaliu IC.	Poster-Th-162	Magnetic nanoparticles coated with polysaccharide polymers for biomedical applications	T15_028
Dalmaschio C.J.	Poster-Th-048	Gadolinium-doped cerium oxide growth in conventional and in microwave hydrothermal: A comparative study	T07_021
De Bellis G.	Poster-Th-141	Synthesis and characterization of graphene nanoplatelets for use in nanocomposites with tailored electromagnetic properties	T13_097
De Moura MR.	Poster-Th-110	Effect of different particles sizes on the mechanical properties of nanocomposites based on chitosan nanoparticles and carboxymethylcellulose.	T13_057
Dejene F.B.	Poster-Th-068	Effect of Mn doping on the structural and optical properties of sol-gel derived ZnO nanoparticles	T07_052
Di Girolamo G.	Poster-Th-103	Nanocomposites formation by low-energy metal ion implantation in polymers	T13_046
Dias A.	Poster-Th-059	Optimization of microwave-hydrothermal synthesis of metal tungstates with nanosized particles	T07_039
Dubas L.	Poster-Th-009	Organic solvent protected PDMS microfluidic devices by LbL deposition technique	T01_047
Ebadi Dehaghani H.	Poster-Th-075	Comparing the the Crystallization and thermal conductivity (TC) of calcium carbonate (CaCO <sub>3</sub> ) and Zinc Oxide (ZnO) Nanoparticles Filled Polypropylene.	T13_010
EL Basaty AB.	Poster-Th-015	Sum Frequency Generation (SFG) of Short Chain Length Alkyl Self Assembled Monolayer (SAMs) on a Quartz Substrate	T01_063
Elkomy G.M.	Poster-Th-035	Synthesis and microstructure analysis of nano-sized cerium phosphates.	T07-002
Erdmann E.	Poster-Th-128	Effect of processing conditions on the extent of exfoliation in polyethylene-nylon 6/ modified clay nanocomposites.	T13_081
Falcao De Oliveira M.	Poster-Th-185	Mechanical properties of a nanostructured medium carbon bainitic steel	T09_020
Fateixa S.	Poster-Th-093	Polymer-Ag nanocomposites as active SERS substrates	T13_032
Feldmann C.	Poster-Th-151	ZrO(HPO <sub>4</sub> ) <sub>1-x</sub> (FMN) <sub>x</sub> : Quick and Easy Synthesis of Luminescent Nanoparticles	T15_004
Fino P.	Poster-Th-118	Improved sinterability using ultrasonic irradiation of Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> nanocomposites obtained by solution combustion synthesis	T13_069

Fiorentino G.	Poster-Th-171	Porous silicon photoluminescence quenching induced by ascorbic acid	T23_004
Galeotti F.	Poster-Th-148	Breath figures as a tool for polymer organization.	T27_006
Gorshenkov M.V.	Poster-Th-139	Mechanical and tribological properties of metal matrix composite reinforced by boron carbide and ultra disperse tungsten.	T13_093
Granitzer P.	Poster-Th-124	Magnetic behaviour of interacting magnetite nanoparticles infiltrated within a semiconducting matrix	T13_076
Grigoreva T.	Poster-Th-078	Non-carbon route to Si from nanostructured SiO <sub>2</sub> /Al mechanocomposite	T13_014
Grym J.	Poster-Th-179	Laser assisted electrochemical preparation of micro and nanopores in GaIn <sub>1-x</sub> P	T23_015
Hamzah A.A.	Poster-Th-174	Precisely controlled nanoporous silicon membrane for biological contaminants filtration	T23_007
Heidari F.	Poster-Th-176	The Lateral Pressure Tensor of Confined Fluids in slit like Nanoporous	T23_010
Hwang A.	Poster-Th-034	Direct Fabrication and Characterization of Ceria Nanofibers by Electrospinning Technique	T06_030
Isakov D.	Poster-Th-020	Electrospinning as a tool for producing "single-crystal-like" oriented organic nanofibers.	T06_004
Jahanshahi M.	Poster-Th-106	Effects of polymers on the properties of Hydroxyapatite/Gelatin-Chitosan nanocomposite	T13_051
Jankovic I.A.	Poster-Th-150	Surface modification of TiO <sub>2</sub> nanoparticles with catecholate type ligands	T15_002
Jo J.	Poster-Th-088	Synthesis and Characterization of Alumina Submicro-Rings like donuts	T13_026
Kamlesh K.	Poster-Th-029	Production of Nano Structure Iron Powder from Blue Dust	T06_018
Kang Y.	Poster-Th-087	Effect of the oxygen gas ratio on the Cu oxide films deposited on Si(100)	T13_025
Kaynak C.	Poster-Th-095	Effects of Nanoclays and Carbon Nanotubes on the Flame Retardancy of Poly(methyl methacrylate)	T13_034
Keshari A.K.	Poster-Th-040	Lemon (Citrus limon) juice mediated synthesis of narrow band-gap ZnO nanoballs	T07_010
Khadar M.	Poster-Th-132	Electrophoretic deposition of nanostructured CdS films and study of their dc conductivity and photo response	T13_086
Khyzhun O.Y.	Poster-Th-042	Hydrothermal synthesis and the electronic structure of WO <sub>3</sub> , MoO <sub>3</sub> and Cr <sub>2</sub> O <sub>3</sub> nanomaterials	T07_013
Kidalov S.V.	Poster-Th-079	Detonation nanodiamond composites. Interface properties and thermal conductivity.	T13_016
Kim J.	Poster-Th-153	Structure and Properties of Macrocyclic Nickel(II) and Copper(II) Complexes Containing Bridging Polycarboxylate Ligands	T15_007
Kim S.	Poster-Th-066	Surface-Enhanced Absorption of Thin Silver Island Films with Small Pores formed at Elevated Temperature	T07_050
Kittitheeranun P.	Poster-Th-055	Loading and Release of Lipophilic Drug from Self Assembly Multilayer Thin Films.	T07_031
Klankaw P.	Poster-Th-010	Hybrid MCM-41/TiO <sub>2</sub> thin film: synthesis and characterization.	T01_049
Kley C.	Poster-Th-012	Rational Design of two-dimensional metal-organic frameworks for functional catalysis	T01_058
Kolesnikova E.V.	Poster-Th-028	Silicon Nanoclusters Formation in Silicon Dioxide by High Power Density Electron Beam.	T06_015
Kolosov VY.	Poster-Th-149	Multiscale hierarchy in crystallizing amorphous films with novel transrotational nanostructure: electron microscopy and models	T27_007
Kotsilkova R.K.	Poster-Th-090	Effect of processing on the rheological properties and structure of epoxy/multiwall carbon nanotube composites	T13_028
Kowalewska A.	Poster-Th-080	Polymer nanocomposites through self-assembly of POSS systems.	T13_018

Krishna M.	Poster-Th-026	Fabrication of multifunctional nanostructured titanium nitride thin films.	T06_012
Krklješ A.N.	Poster-Th-098	Hybrid Ag/PVA hydrogel nanocomposites for potential biomedical application synthesized by gamma irradiation	T13_040
Kryukova L.M.	Poster-Th-168	The Formation of Nanometer Structure and the Anomalous Mass Transfer under Irradiation.	T22_006
Kulkarni G.U.	Poster-Th-031	Electrocondensation and evaporation of attoliter water droplets: Direct visualization using atomic force microscopy	T06_021
Kumar M.	Poster-Th-013	Surface X-ray Diffraction Studies of Self Assembled Pentacene Layers on Au(111)	T01_059
Lai W.	Poster-Th-170	A novel method for preparing nanoporous polymeric materials	T23_003
Lee B.	Poster-Th-060	Wet Aqueous Preparation of ZnO Nanoparticles	T07_040
Lee HS.	Poster-Th-071	Photoluminescence enhancement of yellow phosphors by uniform TiO <sub>2</sub> coating	T13_005
Lee KC.	Poster-Th-001	Characterization of Electrodeposited Ni-nano CNT Coatings on Ti-6Al-4V Alloy in Hanks' Solution	T01_006
Lee M.	Poster-Th-116	Properties of dental restorative composite filled with SiO <sub>2</sub> /ZrO <sub>2</sub> core/shell nanoparticles	T13_064
Leinen D.	Poster-Th-027	Fabrication of metal oxides nanofibers by electrospinning	T06_013
Levina V.V.	Poster-Th-113	The magnetic properties of Fe-SiO <sub>2</sub> nanocermetes depending on the conditions of formation	T13_061
Li Z.	Poster-Th-045	Nanotube Synthesis: Gold(I)-Alkanethiolate Nanotubes	T07_016
Lim Y.	Poster-Th-180	Control of shell structure of ZnO/ZnS core/shell	T23_017
Loche D.	Poster-Th-108	Synthesis, Characterization and Magnetic Properties of Multi Walled Carbon Nanotubes by FeCo-SiO <sub>2</sub> Aerogel Catalysts	T13_054
Longo G.	Poster-Th-107	Synthesis and characterization of Polypyrrole-Heparin conductive polymers as substrates for cell growth.	T13_052
Loryuenyong V.	Poster-Th-038	The synthesis of TiO <sub>2</sub> hydrothermally-derived nanotubes using natural rutile granules and TiO <sub>2</sub> (P25) nanopowders as raw materials	T07_006
Makarov D.	Poster-Th-085	Scaling dependence of the switching field of the hard layer in perpendicular FePt-based exchange coupled composite media	T13_023
Manfredi D.	Poster-Th-186	Preparation and characterization of nanostructured Al/CNTs composites	T13_056
Mchedlidze T.	Poster-Th-019	Fast solid phase crystallization of nanometer thick silicon layers by light.	T06_002

Medeiros B.B.	Poster-Th-130	Processing and characterization of Ti-Cu-Ni-Zr and Ti-Fe-Co-Zr glass former alloys.	T13_083
Medvedeva E.V.	Poster-Th-175	Computer simulation of field ion images of nanoporous structure in the irradiated materials	T23_008
Mekhrabov A.O.	Poster-Th-146	Magnetic monitoring of Nano-Sized Fe precipitation in Ni <sub>50</sub> Al <sub>50-x</sub> Fe <sub>x</sub> alloys.	T27_002
Melo Jr M.A.	Poster-Th-155	The influence of silylating agents with chlorine and iodine leaving groups on organofunctionalization of cobalt and nickel phyllosilicates	T15_010
Miranda C.R.	Poster-Th-061	Nanocrystalline diamond films in porous silicon.	T07_041
Miyamoto H.	Poster-Th-135	Hardening by precipitates in Ni-SiO <sub>2</sub> composite by pulse electrodeposition with grain size in nano-range	T13_089
Mosiniewicz-Szablewska E.M.	Poster-Th-121	Magnetic characterization of Selol-loaded magnetic nanocapsules – a novel promising drug delivery system for cancer therapy	T13_073
Muniz-Miranda M.	Poster-Th-023	Fabrication of nanostructured silver substrates for SERS spectroscopy	T06_007
Murias P.	Poster-Th-158	The thermomechanical properties of epoxy-amine networks and nanocomposites modified with siloxane compounds or POSS units	T15_019
Naldoni A.	Poster-Th-037	TiO <sub>2</sub> Hierarchical Hollow MicroSpheres with Tunable Properties	T07_005
Natarajan S.	Poster-Th-140	Studies on development and characterization of novel TiO <sub>2</sub> nanofibers by using electrospinning method	T13_094
Natarajan T.S.	Poster-Th-138	Synthesis and characterization of Electrospun nanofibers of PZT (52/48) for use as Actuators	T13_092
Nho Y.	Poster-Th-096	Characterization of silver nanoparticle in the carboxymethyl cellulose hydrogel prepared by a gamma ray irradiation	T13_038
Novakova A.A.	Poster-Th-041	Concentrations of surface active substances influence on the goethite nanoparticles sizes and magnetic properties.	T07_012
O'Connor C.J.	Poster-Th-039	Facile Synthesis of Water-Soluble Magnetic Nanocrystals with Different Functionality	T07_011
Oliveira M.M.	Poster-Th-127	Multifunctional nanocomposites between carbon nanotubes, silver nanoparticles and polyaniline: synthesis and characterization.	T13_080
Paalo M.	Poster-Th-094	Preparation of transparent electrodes based on CNT-s doped metal oxides	T13_033
Palanisamy S.C.	Poster-Th-051	Langmuir-Blodgett films of exfoliated Titania nanosheets: structure and electrical properties	T07_026
Palencia C.	Poster-Th-099	Processing and properties of carbon nanofibers reinforced epoxy powder composites	T13_041
Parfenova I.I.	Poster-Th-164	Ordering in dilute GaInAsN alloys	T17_003
Park J.	Poster-Th-089	Surface characterization of Mo oxynitride films with different gas ratio	T13_027
Park J. W.	Poster-Th-025	Fabrication of OLED Devices without Photolithography Patterning	T06_010
Pavese M.	Poster-Th-119	Mechanical properties of polyvinyl butyral and epoxy resin/carbon nanotubes composites obtained by tape casting	T13_070
Pentimalli M.	Poster-Th-178	Lignin polymers as substrate for microporous materials: a preliminary evaluation study.	T23_013
Petrinin V.F.	Poster-Th-136	Multilayers nanocomposites films for mobile phone users protection from electromagnetic radiation	T13_090
Pignatelli F.	Poster-Th-144	Light induced homogeneous dispersion of TiO <sub>2</sub> nanoparticles in acrylate polymeric matrices	T13_101
Plachà D.	Poster-Th-183	Clay minerals as materials of 21st century for nanotechnology	T13_104

Plaksin O.A.	Poster-Th-033	Radiation photonics: A case of metal-nanoparticle composites	T06_029
Pop SD.	Poster-Th-156	Thin Films of ZnTPP Oligomers on Silicon Surfaces investigated by Optical Spectroscopy	T15_011
Primc D.	Poster-Th-100	Synthesis and characterization of SrFe <sub>12</sub> O <sub>19</sub> /Fe <sub>2</sub> O <sub>3</sub> nanocomposites with core-shell structure	T13_042
Puchkova A.O.	Poster-Th-022	DNA Metallization on Silicon Surface	T06_006
Puddu M.	Poster-Th-007	Characterization of the titanyl phthalocyanine/inorganic semiconductors interface.	T01_044
Punzhin S.	Poster-Th-181	Synthesis of regular nanoporous metal foams	T23_018
Rabiei M.	Poster-Th-126	Synthesis nanocomposite Ag/ZnO via coprecipitation method	T13_078
Radoicic M.B.	Poster-Th-091	Structural and magnetic properties of polyaniline/TiO <sub>2</sub> nanocomposite	T13_029
Rahimpour A.	Poster-Th-172	Effect of UV-photo grafting of hydrophilic monomers on surface nano-pores of PES membrane	T23_005
Ramos-Barrado J.	Poster-Th-052	Single-crystalline silicon nanowire arrays obtained by chemical methods	T07_027
Rezanka P.	Poster-Th-043	The development of fused-silica capillary with b-cyclodextrin modified gold nanoparticles	T07_014
Reznicková A.	Poster-Th-147	PTFE treated by Ar plasma, etched and sputtered with gold	T27_003
Rozga-Wijas K.	Poster-Th-046	Structural Characterization of Organosilica Materials Synthesized from Trimethoxysilyl Functionalized POSS	T07_019
Sabzehzari M.	Poster-Th-166	Quantum vibrational partition function for nanoclusters in the non-extensive Tsallis framework	T22_004
Saitovitch E.	Poster-Th-189	IrMn/Co/(Ru,Cu)/NiFe spin valves with weak interlayer coupling	T26_019
Saitovitch E.	Poster-Th-190	A new superconductor-ferromagnet nano-composite: Co clusters in an amorphous Bi film	T26_045
Salehi-Doolabi M.	Poster-Th-117	Electrodeposition of Cr-Al <sub>2</sub> O <sub>3</sub> Nanocomposite Coatings of Trivalent Chromium Bath and Evaluation of Current Efficiency and Electroplating Characteristics	T13_067
Salundi A.	Poster-Th-050	Unique nano- and microcracking patterns of metal alkoxide films depending on pre-hydrolysis extent and environment conditions	T07_024
Scano A.	Poster-Th-074	Superparamagnetic Mesoporous Silicates for Enzyme Supports. Synthesis and Characterization.	T13_009
Schwarz M.	Poster-Th-101	Synthesis and characterization of PMMA/silylated MMTs	T13_043
Scott A.	Poster-Th-134	Gels, foams and Films of Au nanoparticle-PDMS composites: A simple water based synthesis	T13_088
Sedaghat S.	Poster-Th-112	Modification of nano-clay for preparing of Polylactic acid nano composite	T13_060
Serra Moreno J.	Poster-Th-104Bis	Immobilization of polysaccharides in nanostructured conducting polypyrrole	T13_048
Shakeriyan M.	Poster-Th-120	The effect of alumina content on surface to mass ratio of 10Ce-TZP/Al <sub>2</sub> O <sub>3</sub> nanocomposites prepared by solution combustion synthesis	T13_071
Shakir M.	Poster-Th-067	Spherical nanoparticles (SNPs) NiO: synthesis, characterization and optical properties	T07_051
Sharma P.	Poster-Th-188	Flexoelectricity in nanostructures.	T13_096
Sidorova S.V.	Poster-Th-002	Island structures forming methods	T01_008
Sinaoui A.	Poster-Th-173	Investigation of the effect of obliquely incident deposition on structural, morphological and optical properties of CuInS <sub>2</sub> thin films.	T23_006
Sirousazar M.	Poster-Th-177	Swelling behaviour of nanocomposite hydrogels based on polyvinyl alcohol and kaolinite nanoclay	T23_011

Snigur A.V.	Poster-Th-011	Spectroscopic manifestations of peculiarities of orientational ordering in adsorbate monolayer under low temperature. Orientational phase transition in CO/NaCl(100) monolayer.	T01_050
Tanphibal P.	Poster-Th-053	Diamine-linked Benzoxazine Dimers: A Novel Type of Supramolecular Polymer via Hydrogen Bonding and Metal Complex Systems	T07_028
Tcherdyntsev V.V.	Poster-Th-102	Solid state formation of polyethylene based composite filled with montmorillonite	T13_045
Thandu M.S.	Poster-Th-081	Preparation of Polyol from vegetable oils and urethane acrylate for Electron Beam Curable Nanocoatings	T13_019
Ustinov A.I.	Poster-Th-032	Reactive nanolayered foils: properties and application	T06_024
Uvarov N.N.	Poster-Th-008	Ion-conducting nanocomposites with mesoporous oxides	T01_046
Varyukhin V.	Poster-Th-072	Bulk Nanomaterials Through Powder Consolidation by Twist Extrusion	T13_006
Vasiliu I.	Poster-Th-163	Solvent effects on the absorption and fluorescence spectra of some erbium-organic nanostructured materials. Determination of ground and excited state dipole moment	T15_030
Vasil'kov A.Y.	Poster-Th-114	Electronic structure and catalytic property of Fe-Pd and Fe-Au nanoparticles prepared by metal vapour synthesis.	T13_062
Vasina A.	Poster-Th-077	Argon plasma modification of polystyrene surface and subsequent deposition of gold nanolayers.	T13_012
Vojisavljevic K.	Poster-Th-165	Correlation between mechanically induced defects and photoluminescence in ZnO ceramics	T22_002
Würschum R.	Poster-Th-169	Electrochemical tuning of the electrical resistance of nanoporous gold prepared by dealloying	T23_001
Xu W.	Poster-Th-021	Nanostructure evolution of Ge <sup>+</sup> multi-implanted (100) silicon upon annealing treatments	T06_005
Ye F.	Poster-Th-131	Grafting Thermosensitive Polymer onto Nanocrystals	T13_084
Yildirim O.A.	Poster-Th-057	Low temperature synthesis of zinc oxide (ZnO) nanoparticles by precipitation method.	T07_035
Yoo J.W.	Poster-Th-070	Modification of silica particle with functional group for application to rubber composite	T13_002
Youssef T.E.	Poster-Th-083	Preparation and Characterization of Ruthenium(II)phthalocyanine/ TiO <sub>2</sub> nanocomposites	T13_021
Yun D.S.	Poster-Th-073	Surface modification of TiO <sub>2</sub> and application to advertisement films for enhancing UV-shielding and hydrophilicity	T13_007
Zahrah T.F.	Poster-Th-084	Fabrication of high-strength, lightweight, nanostructured metal matrix composites	T13_022
Zakirov A.S.	Poster-Th-161	Optical and electrical properties of cotton fibers coated with nano Zn/ZnO particles	T15_024
Zaulychnyy Y.V.	Poster-Th-003	Crystal-chemistry dependence of the energetic redistribution of the valence electrons and experimental evaluation of changes of the band energy of materials due to their dispersion to nanosizes	T01_013
Zeng H.	Poster-Th-044	Size-controllable synthesis of hollow Calcium carbonate nanotube and its application for detoxifying reagent	T07_015
Zhao Y.	Poster-Th-062	CdSe/CdS hetero-nanocrystals: Synthesis and Optoelectronic Characterization.	T07_043
	Poster-Th-006	Withdrawn	T01_037
	Poster-Th-047	Withdrawn	T07_020
	Poster-Th-054	Withdrawn	T07_029
	Poster-Th-097	Withdrawn	T13_039
	Poster-Th-105	Withdrawn	T13_049
	Poster-Th-115	Withdrawn	T05_023
	Poster-Th-125	Withdrawn	T13_077
	Poster-Th-049	Withdrawn	T07_022

