

Prof., Dr. M.A.RAMAZANOV
Dean of Faculty Physics
Head Department of Chemical Physics of Nanomaterials
Phone: (99412) 438-72-17
E-mail: nanomaterials@bsu.az,
mamedr@physics.ab.az

PRESENT RESEARCH INTERESTS

(i) main field

Semiconductor and dielectric physics, nanotechnology

(ii) Other fields

Medical physics, Physical bases of energy converters

(111) current research interest

Scientific area: physics of composite materials, development of physical-technological bases for active composites and transducers, including ones for medical purposes

LIST OF SELECTED PUBLICATIONS

M. Maharramov, M. A. Ramazanov, A. I. Ahadova, M. Kloor, Juergenkopitz, M. VON Knebel Doeberitz, A.L.Shabanov, Q.M. Eyvazova, Z.A.Agamaliyev, F.V.Hajiyeva, S.B.Veliyeva, U.A.Hasanova Preparation of 2-deoxy-d-glucose coated SPIO nanoparticles and characterization of their physical, chemical, and biological properties Digest Journal of Nanomaterials and Biostructures Vol. 9, No. 4, 2014, p. 1461

Kh.G.Ganbarov, I.S.Ahmadov, M.A.Ramazanov, E.M.Musayev, Q.I., Eyvazova, Z.A.Aghamaliyev Silver Nanoparticles Synthesized by the Azerbaijanian environmental isolates aspergillus niger Journal of Microbiology, Biotechnology and Food Sciences 4.2, 2014.p. 137

Ahmadov I.S., Ramazanov M.A. Andrzej Sienkiewicz, Laszlo Forro Uptake and intracellular trafficking of superparamagnetic iron oxide nanoparticles (SPIONs) in plants Digest Journal of Nanomaterials and Biostructures (DJNB) v. 9, №. 3, 2014, p. 1149

Mahammadali A. Ramazanov, Faig G. Pashaev, Arzuman G. Gasanov, Abel Maharramov, Ali Tawfik Mahmood THE QUANTUM MECHANICAL STUDY OF CADMIUM SULFUR NANOPARTICLES IN BASIS OF STO's j. Chalcogenide Letters v.11, №8, 2014, p.359

A.A. Гарибов, А.И.Наджафов, Р.С.Мадатов, А.А.Гарибли, М.А.Рамазанов Исследование взаимодействия в системе нано Si-U3O8 ж. Вопросы Атомной науки и техники серия Физика ядерных реакторов вып.1-2, 2014, стр.112-121 (Physics of Atomic Nuclei)

M.A. Ramazanov, A.A. Hadiyeva, V.A. Alekperov Influence of electric field (Aging in electric field) on structure and properties of nanocomposite polypropilene-nanoclay Journal of Ovonic Research v. 10, №4, 2014, p. 101

A. M. Maharramov, M. A. Ramazanov, F. V. Hajiyeva Structure and dielectric properties of Nanocomposites on the basis of high-density polyethylene and lead sulfide j. Chalcogenide Letters v. 11, №. 4, 2014, p.175

M.A.Ramazanov, A.R.Sadigova, F.V.Hajiyeva Investigation of morphology and photoluminescent properties of composites on the base polyvinyledene fluoride and complex europium EuR29 Surface Engineering and Applied Electrochemistry, 2013, v. 49, №. 6, p. 90

- A.M.Maharramov, M.A.Ramazanov, R.A.Alizade, P.B.Asilbeyli Structure and dielectric properties of nanocomposites on the bas of polyethylene with Fe₃O₄ nanopaticles Digest Journal of Nanomaterials and Biostructures v.8, № 4, 2013, p.1447
- M. A. RAMAZANOV, A. S. QUSEYNOVA Influence of polarization processes on the charge states and dielectric properties of polyethylene-based compositions with low-molecular additions PE+PbCrO₄ and PE+Cr OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS v. 7, №. 9-10, 2013, p.789
- A. M. Magerramov, M. A. Ramazanov, and F. V. Gadzhieva Study of the Structure and Dielectric Properties of Nanocomposites Based on Polypropylene and Zirconia Nanoparticles Surface Engineering and Applied Electrochemistry, 2013, v. 49, №. 5, p. 355
- A.M.Magerramov, M.A.Ramazanov, F.V.Hajiyeva, V.M.Guliyeva Investigation of structure and electrophysical properties of nanocomposite materials on the basis of zirconium dioxide in isotactic polypropylene matrix Journal of Ovonic Research v.9, №. 5, 2013, p. 133
- M.A.Ramazanov, M.S.Aslanov The change of physical-mechanical properties of viscoelastic liquids in consideration of nanoparticles j. Applied Mathematics, v. 4 №. 10, 2013.
- M.A.Ramazanov, A.S. Huseynova The influence of electrothermopolarization on the electrets properties and charge state of the nanocomposite PE+Cr and PE+PbCrO₄ Surface Engineering and Applied Electrochemistry, , v. 49, № 2, 2013, p.115
- I. R. Nuriev, R. M. Mamishova, N. N. Gadzhieva, M. A. Ramazanov, and R. M. Sadygov Microscopic Study of the Effect of γ Radiation on Pb_{1-x}MnxSe Epitaxial Films Surface Engineering and Applied Electrochemistry, v. 49, №. 1, 2013, p. 45
- M. A. Ramazanova, b, R. L. Mamedovab, and A. A. Rasulova Derivatographic Studies of a Nanocomposite Based on Polypropylene and DK1 Nanogel Surface Engineering and Applied Electrochemistry, v. 49, № 1, 2013, p. 42
- Mohammad Reza Saboktakin , Abel Maharramov, Mohammad Ali Ramazanov Synthesis and In-vitro Photodynamic Studies of the Superparamagnetic Chitosan Hydrogel/Chlorin E6 Nanocarriers, j.MEDICINAL CHEMISTRY Volume: 9 Issue: 1 2013, p. 112
- M. A. Ramazanov, Kh. S. Ibragimova, and S. A. Abasov Modification of the Charge State and Thicknesses of the Polymer Polyethylene Interlayer in Piezoceramics with Various Structures after their Electric Treatment Surface Engineering and Applied Electrochemistry, v. 48, № 5, 2012, p. 465
- M. A. Ramazanov, Kh. S. Ibragimova and S. A. Abasov Effect of the Structure of Piezoceramics on the Dielectric and Strength Properties of Composites Based on Polyvinylidene Fluoride Surface Engineering and Applied Electrochemistry, v. 48, No. 4, 2012, p.380
- A.M. Maharramov, M.A. Ramazanov*, F.V. Hajiyeva and S.Q.Aliyeva Formation of Nanoporous Structures of Polypropylene Irradiated by High Energy Heavy Ions j. Nanomedicine & Nanotechnology, 2012, 3:5
- M.A.Ramazanov, M. S. Aslanov Synthesis of the Maxwell model based on nanoparticles, Digest Journal of Nanomaterials and Biostructures v. 7, №. 2, 2012, p.817
- Maharramov Abel, Alieva Irada, Ramazanov Mahammadali, Abbasova Gultekin, Nabiev Naqif, Omarova Asmar Structural and Electronic Characteristics of iron (III) Oxide Complexes with Creka Peptide Analogs Journal of Materials Science and Engineering B 2 (1) (2012) p. 45

- Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov Synthesis and Characterization of Modified Starch Hydrogels for Photodynamic Treatment of Cancer, *Journal of Biological Macromolecules* 51 (2012) p.544
- M.A.Ramazanov, S.A.Abasov, R.L.Mamedova, A.A.Resulova "Influence of structure and charging condition on strength properties of a nanocompositions on the basis of films PP+Dk2 *Surface Engineering and Applied Electrochemistry*, v.47, № 6 2011, p.481
- Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov Intelligent Drug Delivery Systems Based on Modified Chitosan Nanoparticles "Letters In Organic Chemistry".v. 9, 1 I, 2012, p. 56
- Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov and Mohammad Ali Ramazanov. Synthesis and characterization of pH-dependent glycol chitosan and dextran sulfate nanoparticles for effective brain cancer treatment *International Journal of Biological Macromolecules* 49 (2011), p. 747
- A.M.Magerramov, M.A.Ramazanov,F.V.Gadzhieva and S.A.Alieva The Effect of the Temperature-Time Mode of Crystallization on the Morphology and Properties of Nanocomposites Based on Polypropilene and Cadmium Sulfide *J.Surface Engineering and Applied Electrochemistry*, v.47, №.5, 2011, p.428
- Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov and Mohammad Ali Ramazanov. Synthesis and characterization of modified poly(methyl methacrylate)/Al₂O₃ nanocomposites as denture resins. *J Polym Eng* 31 , p.151-157(2011)
- R.I. Khalilov, A. N. Nasibova, V. A. SerezhenkoV, M. A. Ramazanov, M. K. Kerimov, A. A. Garibov, and A. F. Vanin. Accumulation of Magnetic Nanoparticles in Plants Grown on Soils of Apsheron Peninsula. *ISSN 0000-3i0S, Biophysics*, v. 56, №. 2, 2011, p. 316
- Mohammad Reza Saboktakin, Roya M. Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov. Synthesis and in vitro studies of biodegradable thiolated chitosan hydrogels for breast cancer therapy. *International Journal of Biological Macromolecules* 48 (2011) p.747
- Saboktakin MR, Tabatabaie RM, Maharramov A, Ramazanov MA. Development and in vitro evaluation of thiolated chitosan-Poly(methacrylic acid) nanoparticles as a local mucoadhesive delivery system. *Int J Biol Macromol.* 48 (2011) p. 403
- Mohammad Reza Saboktakin, Roya M. Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov Synthesis and In Vitro Evaluation of Carboxymethyl Starch - Chitosan Nanoparticles as Drug Delivery System to the Colon *International Journal of Biological Macromolecules* 48(2011) 381
- K. Arbabi, M.M. Larijani, M. Ramazanov SWNTs effect on the charge collection during gamma irradiation at different voltages *J. Optoelectronics and Advanced Materials* v13,ISS 4, 2011, p. 445
- M. A. Ramazanov, C. QUSEYNOVA, H. A. EYUBOVA Derivatographic analysis of PE polymer nanocompounds with Co(AlO₂)₂ filler *J. Optoelectronics and Advanced Materials-Rapid Communications (OAM-RC)* v.4.2011, p.410
- K. Arbabi, M. Ramazanov, M. M. Larijani Ionization collecting of gamma radiation using two carbon nanotube electrodes *Optoelectronics and Advanced Materials-Rapid Communications (OAM-RC)* Vol 4 ISS.11 2010, p. 1891

Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov Synthesis and Rheological Properties of Poly(methyl methacrylate)/Polymethacrylic acid Nanocomposites as Denture Resins Composites Part B: Engineering, B 42(2011) p.851

Mohammad Reza Saboktakin , Abel Maharramov, Mohammad Ali Ramazanov " Hydrogenation of 2,4-Dinitrotoluene to 2,4-Diaminotoluene over Platinum nanoparticles in a High – Pressure Slurry reactor" J.Synthetic communications v.41,2011, p.1455

A.M.Maharramov, I.N. Alieva, G.D.Abbasova, M. A. Ramazanov, N.S.Nabiyev, M.R.Saboktakin Iron oxide nanoparticles in drug DELIVERY SYSTEMS Digest Journal of Nanomaterials and Biostructures 2, 2011, p.463

Mohammad Reza Saboktakin, Abel Maharramov, Mohammad Ali Ramazanov Synthesis and Characterization of Superparamagnetic Polyanyline Nanocomposites as Conductive shields j.of Elastomer and Plastics 2011 43: p.155

M.A. Ramazanov, S.J.Kerimli, S.A.Abasov, R.Z.Sadykov The Crystallization Mode Influence and Magnetic Field action upon the Mechanical and Thermal Properties of Composite materials on the Basis of polymers and Magnetic Additives, Surface Engineering and Applied Electrochemistry, v.45,№2,2009, p. 136

M.A.Ramazanov, A.S.Huseynova, N.A.Eyubova, S.A.Abasov Thermal properties and changes in phase structure of PP+MnO₂ based composites j. Optoelectronics and Advanced Materials-Rapid communications (OAM-RC) v.4, ISS.12 2010, p. 2003

Mohammad Reza Saboktakin , Abel Maharramov, Mohammad Ali Ramazanov " Synthesis and Characterization of Chitosan Hydrogels Containing 5-Aminosalicylic Acid Nano Pendants for Colon – Specific Drug Delivery ". Journal of Pharmaceutical Sciences v.99, Issue 12, 2010, p. 4955

Arbabi Kourosch, Larijani Majid, Ramazanov Mahammadali "Evaluation of a new ionisation chamber fabricated with carbon nanotubes" j. Radiation Protection Dosimetry, 2010,141(3), p 222

M. A. RAMAZANOV, R. A. ALI-ZADE, P. B. AGAKISHIEVA STRUCTURE AND MAGNETIC PROPERTIES OF NANOCOMPOSITES ON THE BASIS PE+Fe₃O₄ и PVDF+ Fe₃O₄ Digest Journal of Nanomaterials and Biostructures v. 5, № 3, 2010, p. 727

M. A. Ramazanov, P. B. Agakishiyeva, M. A. Nuriyev, Sh. Sh. Amirov Magnetoresistance effect in a PE+Fe₃O₄ based polymer nanocomposite system j. Optoelectronics and Advanced Materials-rapid Communications (OAM-RM) v.4, №9, 2010, p. 1387

N.M. Abdullayev, S.I. Mekhtiyeva, N.R. Memmedov M.A. Ramazanov, A.M. Kerimova Annealing influence at structure of films Bi₂Te₃–Bi₂Se₃ Fizika i tehnika polyprovodnikov, 2010, vol. 44, 6, p. 853

A.M.Magerramov, M.A.Ramazanov, A.Kh.Mustafaeva Structure and Properties of Nanocomposites на основе Based on Zinc Sulfide and Poly(Vinylidene Fluoride) Russian Journal of Applied Chemistry, 2010, Vol.83, №7, p.1324

Mohammad Reza Saboktakin, Abel Maharramov, Mohammad Ali Ramazanov "Design and Characterization of Chitosan Nanoparticles as Delivery Systems for Paclitaxel" Carbohydrate Polymers Volume 82, Issue 2, 5 2010, p 466

- Mohammad Reza Saboktakin, Roya M. Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov. A Synthetic Macromolecule as MRI Detectable Drug Carriers: AminoDextran - Coated Iron Oxide Nanoparticles, *Carbohydrate Polymers*, Volume 80, Issue 3, 2010, p.695
- Mohammad Reza Saboktakin, Roya M. Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov. Synthesis and characterization of new electrorheological fluids by carboxymethyl starch nanocomposites, *Carbohydrate Polymers*, Volume 81, Issue 1, 2010.p.113
- Mohammad Reza Saboktakin, Roya M. Tabatabaie, Abel Maharramov, Mohammad Ali Ramazanov. Synthesis and characterization of superparamagnetic chitosan-Dextran sulfate hydrogels as nano carriers for colon-specific drug delivery, *Carbohydrate Polymers*, Volume 81, Issue 2, 2010. p. 372
- Mohammad Reza Saboktakin, Abel Maharramov, Mohammad Ali Ramazanov " Synthesis and Characterization of Biodegradable Chitosan Beads as Nano Carriers for Local Delivery of Satranidazole ". *Carbohydrate Polymers* Volume 81, Issue 3, Pages 726
- Mohammad Reza Saboktakin , Abel Maharramov, Mohammad Ali Ramazanov Synthesis and Characterization of MRI-Detectable Magnetic Dendritic Nanocarriers Polymer-Plastics *Technology and Engineering* , 2010, 49,1,104
- A. M. Magerramov, M. A. Ramazanov, F. V. Gadjiyeva Role of phase interactions in formation of photoluminescent and dielectric properties of polymeric nanocomposites PP + CdS *Journal of Optoelectronics and Advanced Materials – Rapid Communications* (2009),v.3,№12, p. 1348
- Mohammad Reza Saboktakin , Abel Maharramov, Mohammad Ali Ramazanov SYNTHESIS AND CHARACTERIZATION OF POLYANILINE/POLY (P-HYDROXYANILINE)/Fe₃O₄ MAGNETIC NANOCOMPOSIT *Journal of Non-Oxide Glasses*Vol. 1, No. 3, (2009), p. 211
- M. A. Ramazanov, A. S. Quseynova, F. V. Gadjiyeva Influence of temperature and time regimes of crystallization and electrothermopolarization on the physical structures of polypropylene and MnO₂-based composition *Journal of Optoelectronics and Advanced Materials – Rapid Communications* v.3,№11,2009, p 1204
- M.A.Ramazanov, A.S.Huseynova, S.I. Mehdiyeva Influence electrothermopolyarization on structures and properties of a composition on the basis of polythene and Co (Al₂O₃)₂ *Surface Engineering and Applied Electrochemistry* Volume 44, Number 3, 2009, p.230
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov pH-sensitive starch hydrogels via free radical graft copolymerization, 3 synthesis and properties, *j. Carbohydrate Polymers* 77 (2009), p. 634
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Synthesis and characterization of superparamagnetic nanoparticles coated with 3 carboxymethyl starch (CMS) for magnetic resonance imaging technique *j. Carbohydrate Polymers* 78, 2009, p.292
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Microwave Absorption Studies on Superparamagnetic Conducting Nanocomposites as Signal Coating Materials . *Polymer -Plastic Technology and Engineering journal*, v 48, Issue 8, 2009, p. 834
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Synthesis and characterization of aromatic polyether dendrimer/poly (2-hydroxy ethyl methacrylate) copolymer as nano drug carries *Life Science Journal* 2008, 5(3) p.35
- A.A.Garibov, A.I.Nadzhafov, R.S.Madatov, A.A.Garibli, M.A.Ramazanov Study of Interaction in Nano Si-U₃O₈ *Voprosi Atomnoy nauki i texniki* ser. 1-2, 2014, p.112-121

A.M.Maharramov, M.A.Ramazanov, F.V.Haciyeva, S.Q.Aliyeva The Change of Surface Morphology of Polypropylene Irradiated by High Energy Heavy ions. Academic Journal, v1, №2,2012, p.63-70

M.A.Ramazanov, M. S. Aslanov Synthesis of the Maxwell model based on nanoparticles
Open Access Scientific Reports v.1.issue4, 2012

А.М.Магеррамов, М.А.Рамазанов, А.Х.Керимова Экспериментальные исследование электрофизических свойств полимерных матричных композитов с наноструктурированным полупроводником ПП+ZnS ж.Нанотехника 2012, 2(30), стр. 29

A.M.Maharramov, M.A.Ramazanov, A.X.Kerimova Dielectric properties nanocomposite of the basis of polyvinylidenfluoride and zinc sulfide, j. Nanotechnics, 3 (27), 2011, p.47

A.M. Magerramov, M. A. Ramazanov, A.X.Mustafayeva, K.Sh. Jabbarova Hibrid polymer-inorganic nanocomposite on the basis of PVDF+ZnS , j. Nanotechnics, 2(26),2011, p.69

Mohammad Reza Saboktakin, Roya M.Tabatabaie, Abel Maharramov and Mohammad Ali Ramazanov. Synthesis and Characterization of Biodegradable Thiolated Chitosan nanoparticles as Targeted Drug Delivery System Journal of Nanomedicine and Nanotechnology.2011 p.1

A. M. Magerramov, M. A. Ramazanov, F. V. Gadzhdiyeva Photoluminescent properties of nanocomposite materials on the base of PVDF+CdS and PP+CdS j.Appl.physics, 3, 2011, p.107

M. R. Saboktakin, R. M. Tabatabaie, A.M. Maharramov M.A. Ramazanov Synthesis and characterization of chitosan-carboxymethyl starch hydrogels as nano carriers for colon-specific drug delivery J. Pharm Educ Res Vol. 1, Issue No. 2, December 2010 p.37

M. R. Saboktakin, R. M. Tabatabaie, A.M. Maharramov M.A. Ramazanov Synthesis and in vitro evaluation of thiolated chitosan-dextran sulfate nanoparticles for the delivery of letrozole J. Pharm Educ Res Vol. 1, Issue No. 2, December 2010 p.62

A.M. Maharramov, M.A. Ramazanov, F.V. Hajiyeva Structure of nanocomposites on the base polyvinylidenfluoride and cadmium sulphide J. Nanotechnics, 1(21) 2010, p.81

R.A. Alizade, M.A.Ramazanov, R.Z.Sadykhov Size distribution of magnetite nanoparticles in a polymer matrix j. Functional materials 16, №2(2009, p. 183

A.M. Magerramov, G.D. Abbasova, I.N. Alieva, M.A. Ramazanov, N.S. Nabiyev, N.M. Qojayev . Iron oxide nanoparticles in the system of drugs transport Ж. Нанотехника , № 4, 2009, p.70

М.А, Магеррамов, М.А. Рамазанов, Р. А. Али-заде, Ф.В.Гаджиева. Формирование структуры магнитных наноконпозиций на основе ПЭ+Fe3O4 и ПВДФ+ Fe3O4 j.Nanotechnika , № 3, 2009.

M.A.Ramazanov, A.S.Huseynova Influence electrothermopolarization on strength properties polyolefin, the low-molecular dyes modified by additives j. Plasticeskie massy (www.plastmassy.webzone.ru) 2009 № 8, p. 36

A.M. Магеррамов, М.А. Рамазанов, F.V. Gadjiyeva Role of phase interactions in formarion of photoluminsent and dielectric properties of polymeric nanocomposites PP+CdS Journal of American Science, 2009 5(6), p.95

С.А.Абасов, М.А.Рамазанов, Х.С.Ибрагимова Influence of various factors on strength properties of compositions on the basis of polymers and piezoceramic j.Fizika, 2008, XIV № 3, p. 25 www.science.az/physics

- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Synthesis and characterization of aromatic polyether dendrimer/poly (2-hydroxy ethyl methacrylate) copolymer as nano drug carries, Life Science Journal 2008, 5(3) p.35
- A.M. Magerramov M.A.Ramazanov, F.V. Gadjiyeva, P.B.Aqakishiyeva Influence of a microstructure on magnetic properties polymeric нанокомпозигов on basis ПЭ+Fe₃O₄, Plasticeskie massy (www.plastmassy.webzone.ru) 2008 № 10, p. 14
- S.K.Aleskerov, S.Sh.Kagramanov, M.A.Ramazanov Metal interlayer nano-particles in bismuth telluride j. Fizika, 2008, v XIV, №2 p.36 www.science.az/physics
- M.A.Ramazanov, K.Arbabi, Mojtahedzadeh Larijani M Production of vertical-aligned carbon nanotubes (VACNTS) with direct current plasma enhanced chemical vapor deposition (DCPECVD) j. Fizika, 2008, v XIV, №2 p.3 www.science.az/physics
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Synthesis and Characterization of Polyaniline/Poly(p-hydroxyaniline)/Fe₃O₄ Magnetic Nanocomposite as Microwave Absorbants Forth International Conference on Technical and Physical Problems of Power Engineering 4 - 6 September 2008 PITESTI, ROMANIA TPE2008, 125, IV 82-87
- M. R. Saboktakin, A.M. Maharramov, M. A. Ramazanov Synthesis and characterization of Polyaniline/Poly(p-hydroxyaniline)/Fe₃O₄ magnetic nanocomposite New York Science Journal, Volume 1 - Number 4, October 1, 2008; ISSN 1554-0200 p.14 A.M. Magerramov,
- M.A.Ramazanov, F.V. Gadjiyeva Properties and structure formation of cadmium sulfide nanocomposites with polypropylene Journal of Optoelectronics and Advanced Materials – Rapid Communications v. 2 №.11-2008 p. 743
- H.S. Ibragimova, M.A.Ramazanov, S.A. Abasov Changes of durable properties and physical structure of polymer and composites on its basis caused by electrical treatment Journal of Optoelectronics and Advanced Materials – Rapid Communications v. 2 №. 9 - 2008 p.54
- M.A.Ramazanov, A.S.Huseynova, S.I. Mehdiyeva Influence electrothermopolyarization on structures and properties of a composition on the basis of polythene and Co (Al₂O₃)₂ j. Elektronnaya obrabotka materialov, 2008, №3, p. 77
- M.A.Ramazanov, S.A.Abasov, H.S.Ibragimova The influence of electrotreatment on mechanical and electric duratilities of compositions on the base of polymers and pieziceramics, j.Fizika. 2008, v. XIV №1 p.19 www.science.az/physics
- M.A.Ramazanov, F.H.Pashaev, N.S.Nabiyev, A.G.Gasanov Quantum mechanical calculation of electronic structure of molecule C₆₀H j.Fizika. 2008, v. XIV №1 p.7 www.science.az/physics
- A.M.Магеррамов, М.А.Рамазанов, Ф.В. Гаджиева Structure and photoluminescence polymeric nanocomposite with sulfide of cadmium and polypropylene Physics and Chemistry processing of materials 2008, №1, p.71
- A.M.Магеррамов, М.А.Рамазанов, А.Х.Керимова Синтез и физико-химические свойства композиционных материалов на основе наночастиц сульфида цинка в матрице полипропилена Сборник научных статей Наноструктуры в конденсированных средах Минск 2013, стр.369-376
- A.M. Магеррамов, М.А.Рамазанов Структура и физико-механические свойства полимерных нанокомпозигов ПВДФ+Fe₃O₄ и ПЭВП+ Fe₃O₄ Избранные труды Международного симпозиума по фундаментальным и прикладным проблемам науки М.РАН, 2012, -234стр., (19-37стр.)

I.S.Ahmadov, M.A.Ramazanov, S.Q.Aliyeva, V.N. Ramazanli Fluorescence emission spectrum of elodea leaves exposed to nanoparticles 1st International chemistry and chemical engineering conference 17-21 april 2013, Baku Azerbaijan p.472

H.C.Набиев, М.А.Рамазанов, А.И.Гасанов Квантово-химическое моделирование локальных структуризомеров полипропилена, 1st International chemistry and chemical engineering conference 17-21 april 2013, Baku Azerbaijan p.795

Q.Q.Mamedov, M.Ə.Ramazanov, V.N.Bədəlov, C.Ə.Nağıyev Abşeron yarımadasının radioaktiv çirklənmiş torpaqlarında radiekoloji tədqiqatlar, Journal of Qafqaz University №34, 2012, p.27

X.Г. Ганбаров, Э.М.Мусаев, И.С.Ахмедов, М.А.Рамазанов, Г.М.Эйвазова Образование наночастиц с помощью микроорганизмов Микробные биотехнологии; Фундаментальные и прикладные аспекты Сборных научных трудов Минск, 2013 стр.39

M.A.Cafarov, N.S.Nabiyev M. A. Ramazanov Structural properties of nanoscaled ZnSe film layers obtained from liqued phase by the chemical precipitaion method Journal of Qafqaz University Physics №34, 2012, p.48

A.M.Магеррамов, М.А.Рамазанов, А.Х.Керимова Формирование структуры и флуоресцентные свойства полимерных наноконпозиций на основе полипропилена и сульфида цинка Bakı Universitetinin Xəbərləri, 2012, №1, Fizika-riyaziyyat elmləri seriyası səh.137

Рамазанов М.А. Инновации в области нанотехнологии в экономике Азербайджана журнал Право Интеллектуальный Собственности, №2, 2012, стр 19

M.A. Рамазанов, М.С.Асланов Модель Максвелла с учетом наночастиц Материалы Международные симпозиума Фуллерены и наноструктуры в конденсированных средах, сб.статей Минск, Изд.центр БГУ-2011, стр.229

A.M.Магеррамов, М.А.Рамазанов, А.Х.Мустафаева, К.Ш.Джаббарова Наноструктурные полимерные композиты на основе ПВДФ+ZnS, Материалы Международные симпозиума Фуллерены и наноструктуры в конденсированных средах, сб.статей Минск, Изд.центр БГУ-2011, стр.424

M.A.Рамазанов, М.С.Асланов. Обобщение модели Фойхта с учетом наночастиц. Баку, АТУ, №1, жур. фонд. науки, 2011.

A.M.Məhərrəmov, M.Ə.Ramazanov, A.H.Mustafayeva, K.Ş.Cabbarova. PVDF+ZnS əsaslı nanokompozitlərin formalaşma qanunauyğunluqları, quruluşu və optik xassələri. Kimya problemləri jurnalı, №1 2011

A.M.Maharramov, M.A.Ramazanov STRUCTURE AND PROPERTIES OF NANOCOMPOSITES BASED ON SULFIDE OF THE ZINC AND POLYVINYLENEDIFLUORIDE j.Baku University News, N3, p. 109

G.C.Abbasova, İ.N.Əliyeva, A.İ.Ömərova, M.Ə.Ramazanov, N.S.Nəbiyev Peptid CREKA və onun analoglarının dəmir oksidi ilə komplekslərinin fəza quruluşu Azerbaijan Journal of Physics v.XVII, № 2, s. 47

M..A. Ramazanov, S.J.Kerimli, S.A.Abasov The change of thermal properties of composite materials on the base of polymers and magnetic addition under magnetic field influence j. Fizika , 2009 v.15 № 1, p.44

M. A. Рамазанов, А. Р. Садыхова, С. А. Абасов Strength PROPERTIES OF COMPOSITES ON THE BASIS OF polyvinylidenefluoride AND COMPLEXES EUROPIUM j. Fizika .v. 15, № 4, 2009

M.A. Ramazanov, A.Q. Hasanov Laboratory work on nanotechnology, Educational grants, Baku,p.223

F.K.Aleskerov, K.Sh. Kahramanov, M.A.Ramazanov "Ensemble" formation nanofractals in layered crystals of type Bi₂Te₃-primes The Azerbaijan chemical journals №1. 2008, p. 69

F.K.Aleskerov, Sh.Sh. Kahramanov, M.A.Ramazanov Metal interlayer nano-particles in bismuth telluride j.Fizika 2008, XIV № 2, p. 36

C.A.Абасов, М.А.Рамазанов, Х.С.Ибрагимова Influence of various factors on strength properties of compositions on the basis of polymers and piezoceramic j.Fizika, 2008, XIV № 3, p. 25 www.science.az/physics

S.K.Aleskerov, S.Sh.Kagramanov, M.A.Ramazanov Metal interlayer nano-particles in bismuth telluride j. Fizika, 2008, v XIV, №2 p.36 www.science.az/physics

M.A.Ramazanov, K.Arbabi, Mojtahedzadeh Larijani M Production of vertical-aligned carbon nanotubes (VACNTS) with direct current plasma enhanced chemical vapor deposition (DCPECVD) j. Fizika, 2008, v XIV, №2 p.3 www.science.az/physics

M,A.Ramazanov, S.A,Abasov, H.S.İbragimova The influence of electrotreatment on mechanical and electric duratilities of compositions on the base of polymers and pieziceramics, j.Fizika. 2008, v. XIV №1 p.19 www.science.az/physics

M.A.Ramazanov, F.H.Pashaev, N.S.Nabiyev, A.G.Gasanov Quantum mechanical calculation of electronic structure of molecule C₆₀H j.Fizika. 2008, v. XIV №1 p.7 www.science.az/physics

Mohammad Reza Saboktakin, Abel Maharramov, Mohammad Ali Ramazanov Poly(amidoamine)(PAMAM) /CMS Dendritic nanocomposite for controlled drug delivery The Journal of American Science Volume 4 - Number 1, January 10, 2008, ISSN 1545-1003

R. Saboktakin, A. M. Maharramov, M. A. Ramazanov The synthesis and properties of Fe₃O₄/Sodium acetate/ CMS ternary nanocomposites as electrorheological fluid The Journal of American Science V 3 , Number 4, December 1, 2007, ISSN 1545-1003

A.M. Magerramov, M.A. Ramazanov, F.V. Gadjiyeva Photoluminescence in the polymer nanocomposites on the basis of PP + CdS The Journal of American Science V 3 , Number 4, December 1, 2007, p.62

M.R.Sabotakin A.M.Maharramov M.A.Ramazanov Synthesis and characterization of aromatic polyether dendrimer / Mesalamine (5-ASA) nanocomposite as drug carrier system The Journal of American Science V 3 , Number 4, December 1, 2007, p.45

R. Saboktakin, A. M. Maharramov, M. A. Ramazanov Synthesis and characterization of hybride polyaniline / polymethacrylic acid/ Fe₃O₄ nanocomposites Journal Nature and Science Vol. 5 - №3 2007, p.67

R. Saboktakin,, A. M. Maharramov, M. A. Ramazanov Modification of carboxymethyl starch as nano carriers for oral drug delivery Journal Nature and Science Vol. 5 -№3 2007, p.30 A..M. Magerramov, M.A.Ramazanov, A.A.Azizov, Alosmanov R.M. Application Nanotechnology for gathering oil from a water table j. Nanotexnika, №12(4) 2007 p.82

M.A.Ramazanov, Z.E.Mustafaev The role of cyclic electric-thermal polarization in formation of piezoelectric and electrophysical properties of compositions based on polyvinylidene fluoride and PKR3M piezoceramics j. Surface Engineering and Applied Electrochemistry, Volume 43, Number 6 / 2007 p. 490

M.A. Ramazanov, F.H. Pashaev, N.S. Nabiev, A.G. Gasanov Quantum mechanical calculation of electronic structure of molecule HC j. Fizika 60 www.elm.az/physics , 2008 №1, p.7

M.A.Ramazanov Photoluminescence in nanocomposite on basis PVDF+CdS j Applied physics www.vimi.ru/applphys / 2007 г. № 6 p. 8

M.A.Ramazanov, Huseynova A.S. Influence electrets conditions on strength properties of a composition on the basis of polypropylene and MnO₂. Plasticeskie massy www.plastmassy.webzone.ru), 2007 № 3, p13

Ramazanov M.A. Huseynova A.S., Mehdiyeva S.I. Abasov S.A. Material for electrets. Patent Azerb. Republic №1 2007 0059

A..M. Magerramov, M.A.Ramazanov,L.I.Valiyeva Nanotechnology The textbook Baku,2007, p.232

Ramazanov M. A., Kerimli S. D., Sadykhov R Z Effect of a steady magnetic field on the strength, dielectric and magnetic properties of composites Journal: International Polymer Science and Technology Issue Year: 2006 Volume: 33 No. 6

M.A.Ramazanov, H.S.Ibragimova Influence of the category discharge processing on strength properties of piezocompositions. 7-th International Symposium on ionizing radiation and polymers, 23-28 September 2006, Antalya, Turkey.

A..M. Magerramov, M.A.Ramazanov, A.A.Azizov, Alosmanov R.M. Application Nanotechnology for gathering oil from a water table III Scientifically-practical conference " to Nanotechnology-manufacture 2006 " 28-30 November, Fryazino, Russia

A.M.Magerramov, M.A.Ramazanov. Application Nanotechnology in Oil Extracting, Proceedings of "The first Congress of Nanotechnology and its Applications in Petroleum, gas and Petrochemical Industries" 2007, 7-8 March, Tehran, Iran.

M.A. Ramazanov, S.A. Abasov, H.S. Ibrahimova Dielectric and strength properties of polymeric compositions Elektronnaya obrabotka materialov, N 5, p.48-54, 2006.

M.A. Ramazanov, Z.E. Mustafayev, S.A. Abasov Influence of interphase interaction on module Young of a composition on the basis of polymer and piezoceramic Elektronnaya obrabotka materialov, N4, p.62-67, 2006.

M.A. Ramazanov, R.Z. Sadyhov, S.C. Kerimli Influence of a constant magnetic field on strength, dielectric and magnetic properties of compositions on the basis of polymers and ferromagnetic PDF created with pdfFactory Pro trial version www.pdffactory.com Plasticeskie massy (www.plastmassy.webzone.ru), N 10, p.5-8, 2005.

- A.H. Mirzadzhanizade, A.M. Magerramov, A.H. Yusifzade, A.L. Shabanov, F.B. Nagiev, R. Mamedzade, M.A. Ramazanov Studying of influence of iron and aluminum nanoparticles on process of increase of intensity of gas evolution and pressure with the purpose of application in oil extracting Baku University News, N1, p. 5-13, 2005. www.bsu.az
- A.M. Magerramov, M.A. Ramazanov, R.Z. Sadyhov, R. Alizade Magnetic polymeric nanocomposite on basis PVDF+Fe₃O₄ Nanotehnika, N4, p. 111-112, 2005.
- M.A. Ramazanov, H.S. Ibrahimova, S.A. Abasov, A.M. Gasanov Influence of preliminary electroprocessing on a charging condition and strength properties of a composition on the basis of polythene and piezoceramic Elektronnaya obrabotka materialov, N4, p. 57-62, 2005.
- M.A. Ramazanov, S.A. Abasov Influence of the charge state on the strength properties of a composition based on polypropylene and polyethylene International Polymer Science and Technology, v.31, N10, p. 60-61, 2004.
- M.A. Ramazanov Change of electrical durability of compositions on the basis of polymers and piezoceramics after processing under action of an electrical field Problems of power, N2, p. 26-29, 2004. www.science.az/physics
- M.A. Ramazanov, S.A. Abasov, S.Sh. Bedirhanova, Z.E. Mustafayev, S.C. Ramazanova, Z.C. Efendiyev Influence of a charging condition on strengs of property of a composition on a basis polypropylen and polyethylene Plasticheskie massy (www.plastmassy.webzone.ru), N2, p.22-24, 2004. PDF created with pdfFactory Pro trial version www.pdffactory.com
- S.A. Abasov, M.A. Ramazanov, Kh.S. Ibragimova The influence of preliminary treatment under the effect of electric field on the strength properties of the composition on the base of polyethylene and piezoceramics Physics and chemistry processing of materials, N5, p. 87-88, 2003.
- M.A. Ramazanov Mechanical properties of polymers and compositions on their basis Transactions of Azerbaijan National Academy of Sciences, N5(1), p.161-165, 2003. www.science.az/physics
- M.A. Ramazanov, A.A. Ismailov, O.B. Tagiyev, C. Bartou, P. Benaoul New photo luminescent composite materials on the basis of polymer-semiconductor Journal of Applied Physics (www.vimi.ru/applphys), N2, p.51-54, 2003.
- M.A. Kurbanov, M.A. Ramazanov, G.M. Geydarov Three-phase piezoelectric composite for the gauge registration of arterial pulse waves Electronic Journal "Technical acoustic" <<http://webcenter.ru/~eeaa/ejta>>> , N14, 2003.
- M.A. Ramazanov, A.A. Ismailov, O.B. Tagiyev New Luminescent Composite Materials on the Basis of Polumer- Luminophor Proceedings of SPIE, v. 5257, p.198-201, 2003.
- M.A. Ramazanov The polymer composite sensor for registration artery pulse waves Datchiki & Systemi (www.datsys.ru) N12, p. 25-27, 2002.
- M.A. Ramazanov, S.A. Abasov, Z.E. Mustafayev Influence of the charge state upon the electrical and mechanical durability in composites on the basis of polyvinylidenfluoride and piezoceramic Transactions of ANAS, v.XXII, N2, p.26-30, 2002. www.science.az/physics
- A.A. Ismayilov M.A. Ramazanov Influence of temperature temporally condition of crystallization and Discharge processing on spectra of photoluminescence of compositions on the basis of polymer- semiconductor Fizika, v.8, N2, p.16-18, 2002. www.science.az/physics PDF created with pdfFactory Pro trial version www.pdffactory.com

M.A. Ramazanov, S.A. Abasov, Z.E. Mustafayev Influence of electrothermopolarisation on the strength characteristics of polymerpiezoelectricfase compositions J. Technologies for the 21st Century, N6, p.26-29, 2001.

M.A. Ramazanov, S.A. Abasov Electric strength of compositions on the base of polymer piezoceramics Power Engineering problems, N2, p.86-90, 2001. www.science.az/physics

M.A. Ramazanov, S.A. Abasov The mechanical and electric durability's of polymer compositions on the base of polyvinilidenftoride and piezoceramics Fizika, v.7, N4, p. 24-26, 2001. www.science.az/physics

A.A. Ismayilov, M.A. Ramazanov Photoelectric dielectric properties of polymer composition on the basis of polymersemiconductor Problems of Power Engineering, v. 3-4, p. 114-116, 2000. www.science.az/physics

M.A. Ramazanov The magnetodielectrical properties of polymer composition materials Fizika, v.5, N2, p.25-26, 1999. www.science.az/physics

M.A. Ramazanov, S.A. Abasov Influence thermo processing upon strength and dielectric properties of polymer composition Fizika, v.5, N2, p.11-13, 1999. www.science.az/physics

M.A. Ramazanov, Sh.V. Mamedov, U. Lencer, S. Bolical Magnetodielectrical polymer composition materials Turkish journal of Physics, v. 23, N3, p. 511-515, 1999. www.tubitak.gov.tr/physics/issues/fiz

M.A. Ramazanov, S.A. Abasov, U.A. Kabulov Antistatic properties of polymeric composition on the base of polypropylene and polytetrafluorethylene PDF created with pdfFactory Pro trial version www.pdffactory.com Fizika, v.4, N1, p.16-19, 1998. www.science.az/physics

M.A. Ramazanov, Z.G. Panahova Piezocomposite sensor for registration artery pulse wave Instruments and Experimental Techniques, v.40, N5, p.708-709, 1997.

M.A. Ramazanov, M.M. Shachtachtinski., M.A. Kurbanov, A.I. Mamedov Influence of secnetoelectric particles electro conductivity on piezoelectric properties of composite DAN of Azerb. SSR, N5, p.38- 42, 1988.

M.M. Shachtachtinski, B.A. Guseynov, M.A. Ramazanov, M.A. Kurbanov Polymer composites with high values Visokomolekuyarnoe soedinenie, N1, p 3-5. 1987.

M.A. Ramazanov, M.M. Shachtachtinski,. M.A. Kurbanov, A.I. Mamedov Influence of thermal treatment on piezoelectric propertiesand polarization and polarization methods reports DAN of Azerb. SSR, v.XLIII, N6, p.21-26, 1987.

M.M. Shachtachtinski, M.A. Ramazanov, M.A. Kurbanov, A.I. Mamedov Piezoelectric properties of polymer composite DAN of Azerb. SSR, v. XLII, N11, p.40-45, 1986.

M.M. Shachtachtinski, M.A. Ramazanov, M.A. Kurbanov, N. Aliyeva Pozistor effect in polymer composite DAN of Azerb. SSR, N8, p.34-36, 1986.