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- By: Eldin, M. S. Mohy; Elaassar, M. R.; Elzatahry, A. A.; et al.
[ARABIAN JOURNAL OF CHEMISTRY](#) Volume: 10 Issue: 8 Pages: 1153-1166 Published: DEC 2017

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- ☐ 2. **Synthesis of hydrocolloid through polymerization of styrene and N-vinyl acetamide by AIBN**

By: Yamamoto, Tetsuya; Takahashi, Yuya
[COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS](#) Volume: 516 Pages: 80-84 Published: MAR 5 2017

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- ☐ 3. **Controlled Synthesis of Uniform, Micrometer-Sized Ruthenium-Functionalized Poly(N-Isopropylacrylamide) Gel Particles and their Application to the Catalysis of the Belousov-Zhabotinsky Reaction**

By: Hu, Yuandu; Perez-Mercader, Juan
[MACROMOLECULAR RAPID COMMUNICATIONS](#) Volume: 38 Issue: 3 Article Number: 1600577 Published: FEB 2017

[Full Text from Publisher](#)[View Abstract](#)**Times Cited: 1**

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- ☐ 4. **Co-Polymerization of Methyl Methacrylate and Styrene via Surfactant-Free Emulsion Polymerization, as a Potential Material for Photonic Crystal Application**

By: Kassim, Syara; Zahari, Siti Balqis; Tahrin, Rabiatul Addawiyah Azwa; et al.
 Edited by: Abdullah, MMA; Ramli, MM; AbdRahim, SZ; et al.
 Conference: 3rd Electronic and Green Materials International Conference (EGM) Location: Aonang Krabi, THAILAND Date: APR 29-30, 2017
 Sponsor(s): Univ Malaysia Perlis; Malaysia Res & Innovat Soc; Sch Microelectron Engn; Ctr Excellence Geopolymer & Green Technol
[3RD ELECTRONIC AND GREEN MATERIALS INTERNATIONAL CONFERENCE 2017 \(EGM 2017\)](#) Book Series: AIP Conference Proceedings Volume: 1885 Article Number: UNSP 020018-1 Published: 2017

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- ☐ 5. **Chemical oxidation polymerization and characterization of poly ortho-anisidine nanoparticles**

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By: Khamngoen, Kiattipong; Paradee, Nophawan; Sirivat, Anuvat

JOURNAL OF POLYMER RESEARCH

Volume: 23 Issue: 9 Article Number: 172 Published: AUG 2 2016



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6.

Functional PMMA nanogels by cross-linking with cyclodextrin methacrylate

By: Kettel, Markus J.; Schaefer, Karola; Pich, Andrij; et al.

POLYMER

Volume: 86 Pages: 176-188 Published: MAR 8 2016



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7.

Relationship between surface potential and particle size in soap-free emulsion copolymerization of styrene and methyl methacrylate using a water- or oil-soluble initiator

By: Yamamoto, Tetsuya; Kawaguchi, Kan

COLLOID AND POLYMER SCIENCE

Volume: 294 Issue: 2 Pages: 281-284 Published: FEB 2016



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8.

Sonication-Aided Formation of Hollow Hybrid Nanoparticles as High-Efficiency Absorbents for Dissolved Toluene in Water

By: Huang, Ting; Xu, Liju; Wang, Chen; et al.

CHEMISTRY-AN ASIAN JOURNAL

Volume: 11 Issue: 2 Pages: 280-284 Published: JAN 20 2016



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9.

Luminescent photonic crystals with multi-functionality and tunability

By: Wang, Hong; Gu, Xinggui; Hu, Rongrong; et al.

CHEMICAL SCIENCE

Volume: 7 Issue: 9 Pages: 5692-5698 Published: 2016



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10.

Thionine-Modified Poly(glycidyl methacrylate) Nanospheres as Labels of Antibodies for Biosensing Applications

By: Zasonska, Beata; Cadkova, Michaela; Kovarova, Aneta; et al.

ACS APPLIED MATERIALS & INTERFACES

Volume: 7 Issue: 44 Pages: 24926-24931 Published: NOV 11 2015



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11.

Monodispersepoly[BMA-co-(COPS-I)] Particles by Soap-Free Emulsion Copolymerization and Its Optical Properties as Photonic Crystals

By: Lee, Ki Chang; Choo, Hun Seung

JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY

Volume: 15 Issue: 10 Special Issue: SI Pages: 7671-7678 Published: OCT 2015



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12.

Mixing Effect on Emulsion Polymerization in a Batch Reactor

By: Roudsari, Shideh Fathi; Dhib, Ramdhane; Ein-Mozaffari, Farhad

POLYMER ENGINEERING AND SCIENCE

Volume: 55 Issue: 4 Pages: 945-956 Published: APR 2015

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13. **Effect of electrolyte species on size of particle through soap-free emulsion polymerization of styrene using AIBN and electrolyte**

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By: Yamamoto, Tetsuya; Kawaguchi, Kan
COLLOID AND POLYMER SCIENCE Volume: 293 Issue: 3
Pages: 1003-1006 Published: MAR 2015

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14. **Kinetic studies of semibatch emulsion copolymerization of methyl methacrylate and styrene in the presence of high intensity ultrasound and initiator**

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By: Bhanvase, Bharat A.; Sonawane, Shirish H.; Pinjari, Dipak V.; et al.

CHEMICAL ENGINEERING AND PROCESSING

Volume: 85 Pages: 168-177 Published: NOV 2014

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15. **Preparation of Poly(BMA-co-MMA) Particles by Soap-Free Emulsion Polymerization and Its Optical Properties as Photonic Crystals**

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(from Web of Science Core Collection)

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By: Lee, Ki-Chang; Choo, Hun-Seung
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 14 Issue: 11
Pages: 8279-8287 Published: NOV 2014

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16. **Preparation of Carboxyl Group Functionalized Magnetite Nanoparticles with High Magnetization**

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By: Nguyen Quang Hung; Nguyen Viet Cuong; Tran Van Thang; et al.

ASIAN JOURNAL OF CHEMISTRY Volume: 26 Issue: 13

Pages: 3815-3819 Part: A Published: JUL 2014

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17. **A new route of emulsifier-free emulsion polymerization for the preparation of polymer coated magnetite nanoparticles**

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By: Nguyen, Q. H.; Quyen, D. H.; Hoang, T. K. N.
MATERIALS SCIENCE-POLAND Volume: 32 Issue: 2
Pages: 264-271 Published: JUN 2014

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18. **Parametric characterizations in superparamagnetic latex**

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(from Web of Science Core Collection)

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By: Beyar, Seda; Kockar, Hakan; Tanrisever, Taner
BULLETIN OF MATERIALS SCIENCE Volume: 37 Issue: 3
Pages: 389-396 Published: MAY 2014

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19. **Silica-Based Nanoporous Materials**

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By: Josephson, David P.; Miller, Matthew; Stein, Andreas
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE Volume: 640 Issue: 3-4
Special Issue: SI Pages: 655-662 Published: MAR 2014

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20. **Synthesis of nearly micron-sized particles by soap-**

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free emulsion polymerization of methacrylic monomer using an oil-soluble initiator

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By: Yamamoto, Tetsuya

COLLOID AND POLYMER SCIENCE Volume: 291 Issue: 11 Pages: 2741-2744 Published: NOV 2013



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☐ 21. **Surfactant-Free, Cationic Latices of Poly(BMA-co-MMA) Using AIBA Initiator**

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By: Lee, Ki-Chang

JOURNAL OF NANOSCIENCE AND

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☐ 22. **A Covalently Imprinted Photonic Crystal for Glucose Sensing**

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(from Web of Science Core Collection)

By: Xue, Fei; Duan, Ting-rui; Huang, Shu-yue; et al.

JOURNAL OF NANOMATERIALS Article Number:

530701 Published: 2013



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☐ 23. **Aryl Amidine and Tertiary Amine Switchable Surfactants and Their Application in the Emulsion Polymerization of Methyl Methacrylate**

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By: Fowler, Candace I.; Jessop, Philip G.; Cunningham, Michael F.

MACROMOLECULES Volume: 45 Issue: 7 Pages: 2955-2962 Published: APR 10 2012



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☐ 24. **Ultrasound assisted synthesis of PMMA/clay nanocomposites: Study of oxygen permeation and flame retardant properties**

Times Cited: 15

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By: Patra, Subrata K.; Prusty, Gyanaranjan; Swain, Sarat K.

BULLETIN OF MATERIALS SCIENCE Volume: 35 Issue: 1 Pages: 27-32 Published: FEB 2012



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☐ 25. **Superparamagnetic Latex Synthesized by a New Route of Emulsifier-Free Emulsion Polymerization**

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By: Beyaz, Seda; Tanrisever, Taner; Kockar, Hakan; et al.

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 121 Issue: 4 Pages: 2264-2272 Published: AUG 15 2011



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- ☐ 26. **Synthesis and characterization of nanomagnetite particles and their polymer coated forms**
- By: Utkan, Guldem (Guyen); Sayar, Filiz; Batat, Pinar; et al.
[JOURNAL OF COLLOID AND INTERFACE SCIENCE](#)
Volume: 353 Issue: 2 Pages: 372-379 Published: JAN 15 2011

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- ☐ 27. **Fabrication of PMMA/arachidic acid LB films**
- By: Capan, I.; Tanrisever, T.
[OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS](#) Volume: 4 Issue: 9 Pages: 1278-1280 Published: SEP 2010

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- ☐ 28. **Fine-tuning of functional poly(methylmethacrylate) nanoparticle size at the sub-100 nm scale using surfactant-free emulsion polymerization**
- By: Camli, Sevket Tolga; Buyukserin, Fatih; Yavuz, Mustafa Selman; et al.
[COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS](#) Volume: 366 Issue: 1-3 Pages: 141-146 Published: AUG 20 2010

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- ☐ 29. **Synthesis and kinetic studies of TiO2/polystyrene composite particles by emulsion polymerization**
- By: Zhang Jianmin; Peng Zheng; Sun Xiuguo; et al.
[E-POLYMERS](#) Article Number: 057 Published: JUN 22 2010

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- ☐ 30. **Preparation and Catalytic Application of Poly 4-Vinylpyridine Microspheres**
- By: Cao, Li-Jing; Wang, Ge; Shi, Lin; et al.
[JOURNAL OF APPLIED POLYMER SCIENCE](#) Volume: 116 Issue: 6 Pages: 3178-3183 Published: JUN 15 2010

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- ☐ 31. **Size controlled synthesis of sub-100 nm monodisperse poly(methylmethacrylate) nanoparticles using surfactant-free emulsion polymerization**
- By: Camli, Sevket Tolga; Buyukserin, Fatih; Balci, Oguz; et al.

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JOURNAL OF COLLOID AND INTERFACE SCIENCE

Volume: 344 Issue: 2 Pages: 528-532 Published: APR 15 2010



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- ☐ 32. **Preparation of Monodisperse and Anion-Charged Polystyrene Microspheres Stabilized with Polymerizable Sodium Styrene Sulfonate by Dispersion Polymerization**

By: Zhang, Fen; Cao, Le; Yang, Wantai

MACROMOLECULAR CHEMISTRY AND PHYSICS

Volume: 211 Issue: 7 Pages: 744-751 Published: APR 1 2010



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- ☐ 33. **Effect of homogeneity of methanol/water/monomer mixture on the mode of polymerization of MMA: Soap-free emulsion polymerization versus dispersion polymerization**

By: Kim, Gijung; Lim, Samuel; Lee, Byung H.; et al.

POLYMER

Volume: 51 Issue: 5 Pages: 1197-1205

Published: MAR 2 2010



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- ☐ 34. **Novel synthesis of poly(3,4-ethylenedioxythiophene) nanotubes and hollow micro-spheres**

By: Du, Xu-Sheng; Zhou, Cui-Feng; Mai, Yiu-Wing

MATERIALS LETTERS

Volume: 63 Issue: 18-19 Pages: 1590-1593

Published: JUL 31 2009



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- ☐ 35. **Controlling the Size and Surface Morphology of Carboxylated Polystyrene Latex Particles by Ammonium Hydroxide in Emulsifier-free Polymerization**

By: Dong, Hyunbae; Lee, Sang-Yup; Yi, Gi-Ra

MACROMOLECULAR RESEARCH

Volume: 17 Issue: 6

Pages: 397-402 Published: JUN 2009



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- ☐ 36. **Emulsifier-Free Emulsion Polymerization of Acrylonitrile in the Presence of Poly(methyl methacrylate) Seed Particles: Influence of the Addition Mode on the Surface Morphology**

By: Yang Guangzhi; Liu Yang; Jia Runping; et al.

JOURNAL OF APPLIED POLYMER SCIENCE

Volume: 112 Issue: 1 Pages: 410-415

Published: APR 5 2009



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(from Web of Science Core Collection)

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- ☐ 37. **Particle formation and growth in ab initio emulsifier-free emulsion polymerisation under monomer-starved conditions**

By: Chen, Yan; Sajjadi, Shahriar

POLYMER

Volume: 50 Issue: 2 Pages: 357-365

Published: JAN 16 2009



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- ☐ 38. **Thermal Degradation Behavior of PMMA Synthesized by Emulsifier-Free Emulsion Polymerization with a Cu(2+)/HSO(3)(-) Redox System**

By: Chiu, Tso-Pei; Don, Trong-Ming

Times Cited: 3

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39. **Characterisation and optical vapour sensing properties of PMMA thin films**

By: Capan, I.; Tarimci, C.; Hassan, A. K.; et al.

MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS Volume: 29 Issue: 1 Pages: 140-143 Published: JAN 1 2009



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Times Cited: 12

(from Web of Science Core Collection)

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40. **Preparation and Characterization of Micrometer-Sized Poly(N-isopropylacrylamide) Hydrogel Particles**

By: Shimizu, Hidenobu; Wada, Risei; Okabe, Masaru

POLYMER JOURNAL Volume: 41 Issue: 9 Pages: 771-777 Published: 2009



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Times Cited: 11

(from Web of Science Core Collection)

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41. **Preparation of copolymer particles by emulsion polymerization using a polymerizable amphiphilic macromonomer**

By: Hong, Chang Kook; Hwang, Min-Jin; Ryu, Dong-Wan; et al.

COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS Volume: 331 Issue: 3 Pages: 250-256 Published: DEC 31 2008



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Times Cited: 13

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42. **Electrical characterisation of poly(methyl methacrylate)/arachidic acid Langmuir-Blodgett films**

By: Capan, Inci; Uzunoglu, Tayfun; Tarimci, Celik; et al.

Conference: 10th European Conference on Organised Films (ECOF-10) Location: Riga, LATVIA Date: AUG 21-24, 2006
THIN SOLID FILMS Volume: 516 Issue: 24 Pages: 8975-8978 Published: OCT 31 2008



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Times Cited: 3

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43. **Synthesis and characterization of poly(methyl methacrylate) nanoparticles by emulsifier-free emulsion polymerization with a redox-initiated system**

By: Chiu, Tso-Pei; Don, Trong-Ming

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 109 Issue: 6 Pages: 3622-3630 Published: SEP 15 2008



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44. **Benzene vapor detection using spun poly(methyl methacrylate) thin films**

By: Capan, R.; Tanrisever, T.; Ray, A. K.; et al.

SENSOR LETTERS Volume: 6 Issue: 3 Pages: 428-432 Published: JUN 2008



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45. **In situ high-temperature electron microscopy of 3DOM cobalt, iron oxide, and nickel**

By: Blanford, Christopher F.; Carter, C. Barry; Stein, Andreas

JOURNAL OF MATERIALS SCIENCE Volume: 43 Issue: 10 Pages: 3539-3552 Published: MAY 2008



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46. **Emulsifier-free miniemulsion polymerization of**

Times Cited: 8

styrene using a cationic initiator

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By: Faridi-Majidi, Reza; Sharifi-Sanjani, Naser

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 106 Issue: 5 Pages: 3515-3520 Published: DEC 5 2007



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☐ 47. **Self assembled thin films of poly(methyl methacrylate) for gas sensing**

Times Cited: 4

(from Web of Science Core Collection)

By: Capan, I.; Tarimci, C.; Tanrisever, T.

SENSOR LETTERS Volume: 5 Issue: 3-4 Pages: 533-537 Published: SEP-DEC 2007



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☐ 48. **Emulsifier-free miniemulsion polymerization of styrene and the investigation of encapsulation of nanoparticles with polystyrene via this procedure using an anionic initiator**

Times Cited: 13

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By: Faridi-Majidi, Reza; Sharifi-Sanjani, Naser

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 105 Issue: 3 Pages: 1244-1250 Published: AUG 5 2007



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☐ 49. **A new investigation with the salting-out effect on emulsifier-free emulsion polymerization of methyl methacrylate**

Times Cited: 8

(from Web of Science Core Collection)

By: Can, Seda; Tanrisever, Taner

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 103 Issue: 4 Pages: 2494-2500 Published: FEB 15 2007



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☐ 50. **Growth control and long-range self-assembly of poly(methyl methacrylate) nanospheres**

Times Cited: 21

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By: D'Amato, Rosaria; Venditti, Iole; Russo, Maria Vittoria; et al.

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 102 Issue: 5 Pages: 4493-4499 Published: DEC 5 2006



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- ☐ 51. **Encapsulation of magnetic nanoparticles with polystyrene via emulsifier-free miniemulsion polymerization**
- By: Faridi-Majidi, R.; Sharifi-Sanjani, N.; Agend, F.
[THIN SOLID FILMS](#) Volume: 515 Issue: 1 Pages: 368-374
Published: SEP 25 2006



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- ☐ 52. **Influences of the polymerization ingredients on the porous morphology of soap-free poly(methyl methacrylate/ethyl acrylate/methacrylic acid) seeded latex particles**



By: Kang, K; Kan, CY; Du, Y; et al.
[JOURNAL OF APPLIED POLYMER SCIENCE](#) Volume: 99 Issue: 4 Pages: 1934-1939 Published: FEB 15 2006



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Usage Count

- ☐ 53. **Microemulsion polymerization of butyl acrylate under ultrasound irradiation**



By: Capek, I; Janickova, S; Donescu, D; et al.
[POLYMER JOURNAL](#) Volume: 38 Issue: 3 Pages: 264-276 Published: 2006



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Usage Count

- ☐ 54. **Influences of crosslinking agent on the generation of voids and multihollow inside soap-free P(MMA-EA-MAA) seeded latex particles**



By: Kang, K; Kan, CY; Du, Y; et al.
[ACTA POLYMERICA SINICA](#) Issue: 6 Pages: 856-861
Published: DEC 2005



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- ☐ 55. **Study on soap-free porous latex particles containing high amount of carboxyl groups**



By: Kang, K; Kan, CY; Du, Y; et al.
[ACTA CHIMICA SINICA](#) Volume: 63 Issue: 15 Pages: 1456-1460 Published: AUG 14 2005



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- ☐ 56. **Poly(methyl methacrylate) monolayers at the air-water interface**



By: Capan, I; Capan, R; Tanrisever, T; et al.

Times Cited: **11**

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MATERIALS LETTERS Volume: 59 Issue: 19-20 Pages: 2468-2471 Published: AUG 2005



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- ☐ 57. **Spun thin films of poly(methyl methacrylate) polymer for benzene sensing**

By: Capan, R; Ray, AK; Tanrisever, T; et al.

SMART MATERIALS & STRUCTURES Volume: 14 Issue: 4 Pages: N11-N15 Published: AUG 2005



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Times Cited: 9
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Usage Count

- ☐ 58. **Preparation of polymer/silica composite nanoparticles bearing carboxyl groups on the surface via emulsifier-free emulsion copolymerization**

By: Zeng, Z; Yu, J; Guo, ZX

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY Volume: 43 Issue: 13 Pages: 2826-2835 Published: JUL 1 2005



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Times Cited: 28
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- ☐ 59. **Preparation and properties of cross-linked fluorescent poly(methyl methacrylate) latex colloids**

By: Dullens, RPA; Claesson, EM; Kegel, WK

LANGMUIR Volume: 20 Issue: 3 Pages: 658-664 Published: FEB 3 2004



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- ☐ 60. **Poly(methyl methacrylate) films for organic vapour sensing**

By: Capan, R; Ray, AK; Hassan, AK; et al.

JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 36 Issue: 9 Pages: 1115-1119 Article Number: PII S0022-3727(03)56170-8 Published: MAY 7 2003



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- ☐ 61. **A comprehensive experimental investigation of the methyl methacrylate/butyl acrylate/acrylic acid emulsion terpolymerization**

By: Parouti, S; Kammona, O; Kiparissides, C; et al.

POLYMER REACTION ENGINEERING Volume: 11 Issue: 4 Pages: 829-853 Published: 2003



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- ☐ 62. **Phase distribution and separation in poly(2-acetoxyethyl methacrylate)/polystyrene latex interpenetrating polymer networks**

By: Shi, S; Kuroda, S; Tadaki, S; et al.

POLYMER Volume: 43 Issue: 26 Pages: 7443-7450 Article Number: PII S0032-3861(02)00683-3 Published: DEC 2002



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Times Cited: 8
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Usage Count

- ☐ 63. **Kinetic investigations of acrylic-polyurethane composite latex**

By: Kukanja, D; Golob, J; Krajnc, M

JOURNAL OF APPLIED POLYMER SCIENCE Volume: 84 Issue: 14 Pages: 2639-2649 Published: JUN 28 2002



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Times Cited: 20
(from Web of Science Core Collection)

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- ☐ 64. **Mathematical modeling and computer simulator/database for emulsion polymerizations**

Times Cited: 81
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By: Gao, J; Penlidis, A

PROGRESS IN POLYMER SCIENCE Volume: 27 Issue: 3
Pages: 403-535 Article Number: PII S0079-6700(01)000444-2
Published: APR 2002



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65. **Monodisperse latex with variable glass transition temperature and particle size for use as matrix starting material for conductive polymer composites**

By: Grunlan, JC; Ma, Y; Grunlan, MA; et al.

POLYMER Volume: 42 Issue: 16 Pages: 6913-6921
Published: JUL 2001



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Times Cited: 28

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66. **Tuning solvent-dependent color changes of three-dimensionally ordered macroporous (3DOM) materials through compositional and geometric modifications**

By: Blanford, CF; Schroden, RC; Al-Daous, M; et al.

ADVANCED MATERIALS Volume: 13 Issue: 1 Pages: 26-
+ Published: JAN 5 2001



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67. **Polystyrene-graft-poly(ethylene oxide) copolymers prepared by macromonomer technique in dispersion. I. Liquid chromatographic separation of product mixtures**

By: Nguyen, SH; Berek, D; Capek, I; et al.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY Volume: 38 Issue: 12 Pages: 2284-2291
Published: JUN 15 2000



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68. **Polystyrene-graft-poly (ethylene oxide) copolymers prepared by macromonomer technique in dispersion. 2. Mechanism of dispersion copolymerization**

By: Capek, I; Nguyen, SH; Berek, D

POLYMER Volume: 41 Issue: 19 Pages: 7011-7016
Published: JUN 2000



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Times Cited: 19

(from Web of Science Core Collection)

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69. **Photopolymerization of alkyl(meth)acrylates and polyoxyethylene macromonomers in fine emulsions**

By: Capek, I

EUROPEAN POLYMER JOURNAL Volume: 36 Issue: 2
Pages: 255-263 Published: FEB 2000



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Times Cited: 18

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70. **Microemulsion polymerization of butyl acrylate. Effect of radical scavenger and formation of primary radicals**

By: Capek, I; Juranicova, V

POLYMER JOURNAL Volume: 32 Issue: 2 Pages: 91-96
Published: 2000



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71. **Microemulsion polymerization of butyl acrylate in the presence of polymeric hydrophobes**

By: Capek, I

POLYMER JOURNAL Volume: 32 Issue: 8 Pages: 670-675
Published: 2000

Times Cited: 1

(from Web of Science Core Collection)

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72. **Studies on emulsifier-free emulsion polymerization using emulsifierable reactive monomer AGES**

By: Tang, GL; Hao, GJ; Song, MD; et al.

CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-

CHINESE Volume: 20 Issue: 11 Pages: 1804-1807

Published: NOV 1999

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Times Cited: 2

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73. **On the fine emulsion polymerization of styrene with non-ionic emulsifier**

By: Capek, I; Chudej, J

POLYMER BULLETIN Volume: 43 Issue: 4-5 Pages: 417-

424 Published: NOV-DEC 1999

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Times Cited: 15

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74. **Dispersion copolymerization of polyoxyethylene macromonomer and styrene 4. Solution properties of polystyrene-graft-polyoxyethylene copolymers**

By: Capek, I; Murgasova, R; Lath, D; et al.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER

CHEMISTRY Volume: 37 Issue: 16 Pages: 3087-3097

Published: AUG 15 1999

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75. **On the free-radical microemulsion polymerization of butyl acrylate in the presence of Poly(Oxyethylene) macromonomer**

By: Capek, I

CHEMICAL PAPERS-CHEMICKÉ ZVESTI Volume: 53

Issue: 5 Pages: 332-339 Published: 1999

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- ☐ 76. **Microemulsion polymerization of alkyl (meth)acrylates initiated by UV light**

By: Capek, I

[POLYMER JOURNAL](#) Volume: 31 Issue: 10 Pages: 872-877 Published: 1999



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- ☐ 77. **Statistical experimental strategies approach to emulsion copolymerization of styrene and n-butyl acrylate**

By: Yang, HJ; Yang, CH

[JOURNAL OF APPLIED POLYMER SCIENCE](#) Volume: 69 Issue: 3 Pages: 551-563 Published: JUL 18 1998



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- ☐ 78. **On the free-radical microemulsion polymerization of alkyl methacrylates**

By: Capek, I; Juranicova, V

[EUROPEAN POLYMER JOURNAL](#) Volume: 34 Issue: 5-6 Pages: 783-788 Published: MAY-JUN 1998



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Times Cited: 14

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- ☐ 79. **Molecular weights of PMMA beads synthesized by emulsifier-free emulsion polymerization**

By: Byun, J; Cha, YJ; Shim, SE; et al.

[POLYMER-KOREA](#) Volume: 22 Issue: 2 Pages: 201-208 Published: MAR 1998



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- ☐ 80. **Emulsion polymerization in a hybrid carbon dioxide aqueous medium**

By: Quadir, MA; Snook, R; Gilbert, RG; et al.

[MACROMOLECULES](#) Volume: 30 Issue: 20 Pages: 6015-6023 Published: OCT 6 1997



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☐ 1. Optical properties of thin PMMA films for sensor application

By: Lalova, A.; Todorov, R.

Conference: National Conference on Physics Location: Paisii Hilendarski Univ Plovdiv, Plovdiv, BULGARIA Date: OCT 10-12, 2014

Sponsor(s): Univ Plovdiv, Fac Phys

BULGARIAN CHEMICAL COMMUNICATIONS Volume: 47 Special Issue: B Pages: 29-34 Published: 2015



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☐ 2. Using Plasticizers to Control the Hydrocarbon Selectivity of a Poly(Methyl Methacrylate)-Coated Quartz Crystal Microbalance Sensor

By: Pejic, Bobby; Crooke, Emma; Boyd, Leigh; et al.

ANALYTICAL CHEMISTRY Volume: 84 Issue: 20 Pages: 8564-8570 Published: OCT 16 2012



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☐ 3. Effects of receptor thickness on localised surface plasmon resonance sensing performance

By: Ma, Wenying; Yang, Huan; Cai, Ju; et al.

MICRO & NANO LETTERS Volume: 6 Issue: 10 Pages: 863-866 Published: OCT 2011



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☐ 4. p-phthalimidobenzoic thin film for volatile organic vapor detection

By: Sen, S.; Capan, R.; Ozel, M. E.; et al.

JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 12 Issue: 7 Pages: 1534-1538 Published: JUL 2010



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☐ 5. Swelling behaviour of calixarene film exposed to various organic vapours by surface plasmon resonance technique

By: Erdogan, M.; Capan, R.; Davis, F.

SENSORS AND ACTUATORS B-CHEMICAL Volume: 145 Issue: 1 Pages: 66-70 Published: MAR 4 2010



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☐ 6. Characterisation and vapour sensing properties of spin coated thin films of anthracene labelled PMMA polymer

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By: Capan, I.; Tarimci, C.; Erdogan, M.; et al.

MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS Volume: 29 Issue: 4 Pages: 1114-1117 Published: MAY 5 2009



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- ☐ 7. **Electrical characterisation of poly(methyl methacrylate)/arachidic acid Langmuir-Blodgett films**

By: Capan, Inci; Uzunoglu, Tayfun; Tarimci, Celik; et al.

Conference: 10th European Conference on Organised Films (ECOF-10) Location: Riga, LATVIA Date: AUG 21-24, 2006

THIN SOLID FILMS Volume: 516 Issue: 24 Pages: 8975-8978 Published: OCT 31 2008



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- ☐ 8. **Interaction of volatile organic vapours with azo-calix[4]-resorcinarene and poly(9-vinylcarbazole) thin films using SPR measurements**

By: Hassan, A. K.; Goy, C.; Nabok, A. V.

Conference: 10th European Conference on Organised Films (ECOF-10) Location: Riga, LATVIA Date: AUG 21-24, 2006

THIN SOLID FILMS Volume: 516 Issue: 24 Pages: 9006-9011 Published: OCT 31 2008



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- ☐ 9. **Benzene vapor detection using spun poly(methyl methacrylate) thin films**

By: Capan, R.; Tanrisever, T.; Ray, A. K.; et al.

SENSOR LETTERS Volume: 6 Issue: 3 Pages: 428-432 Published: JUN 2008



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- ☐ 10. **Phthalimide thin film for methanol vapor detection**

By: Sen, S.; Capan, R.; Ozel, M. E.; et al.

SENSOR LETTERS Volume: 6 Issue: 2 Pages: 261-265 Published: APR 2008



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- ☐ 11. **Surface nano/micro functionalization of PMMA thin films by 157 nm irradiation for sensing applications**

By: Sarantopoulou, E.; Kollia, Z.; Cefalas, A. C.; et al.

APPLIED SURFACE SCIENCE Volume: 254 Issue: 6 Pages: 1710-1719 Published: JAN 15 2008



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- ☐ 12. **Fabrication of a novel 1,3-bis(p-hydrazonobenzoicacid) indane Langmuir-Blodgett film and organic vapor sensing properties**

By: Evyapan, M.; Capan, R.; Namli, H.; et al.

SENSORS AND ACTUATORS B-CHEMICAL Volume: 128 Issue: 2 Pages: 622-627 Published: JAN 15 2008



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- ☐ 13. **Applications of surface plasmon resonance technique in gas sensing**

By: Guo Wenting; Li Xiuli; Wei Tianxin

PROGRESS IN CHEMISTRY Volume: 20 Issue: 1 Pages: 155-162 Published: JAN 2008



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- ☐ 14. **Enhancement of Sensing Properties of Thin Poly(Methyl Methacrylate) Films by VUV Modification**

Times Cited: 3

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By: Raptis, Ioannis; Kovac, Janez; Chatzichhstidi, Margarita; et al.

JOURNAL OF LASER MICRO NANOENGINEERING

Volume: 2 Issue: 3 Pages: 200-205 Published: OCT 2007



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15. **Self assembled thin films of poly(methyl methacrylate) for gas sensing**

By: Capan, I.; Tarimci, C.; Tanrisever, T.

SENSOR LETTERS Volume: 5 Issue: 3-4 Pages: 533-537

Published: SEP-DEC 2007



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16. **Characterization of a novel 1,3-bis(4-imino-3-hidroxy-benzoicacid)indane Langmuir-Blodgett film for organic vapour sensing**

By: Acikbas, Y.; Capan, R.; Namli, H.; et al.

Conference: 14th International School on Condensed Matter Physics Location: Varna, BULGARIA Date: SEP 17-22, 2006

JOURNAL OF OPTOELECTRONICS AND ADVANCED

MATERIALS Volume: 9 Issue: 1 Pages: 56-59 Published:

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17. **Polymer-bound dirhodium tetracarboxylate films for fluorescent detection of nitric oxide**

By: Smith, Rhett C.; Tennyson, Andrew G.; Lippard, Stephen J.

INORGANIC CHEMISTRY Volume: 45 Issue: 16 Pages:

6222-6226 Published: AUG 7 2006



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18. **Effect of substrate temperature on the plasma polymerization of poly(methyl methacrylate)**

By: Casserly, TB; Gleason, KK

CHEMICAL VAPOR DEPOSITION Volume: 12 Issue: 1

Pages: 59-66 Published: JAN 2006



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(from Web of Science Core Collection)

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19. **Surface-plasmon resonance sensing of alcohol with electrodeposited polythiophene and gold nanoparticle-oligothiophene films**

By: Sih, BC; Wolf, MO; Jarvis, D; et al.

JOURNAL OF APPLIED PHYSICS Volume: 98 Issue: 11

Article Number: 114314 Published: DEC 1 2005



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20. **Initiated CVD of poly(methyl methacrylate) thin films**

By: Chan, K; Gleason, KK

CHEMICAL VAPOR DEPOSITION Volume: 11 Issue: 10

Pages: 437-443 Published: OCT 2005



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21. **Poly(methyl methacrylate) monolayers at the air-water interface**

By: Capan, I; Capan, R; Tanrisever, T; et al.

MATERIALS LETTERS Volume: 59 Issue: 19-20 Pages:

2468-2471 Published: AUG 2005



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Times Cited: 11

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22. **Spun thin films of poly(methyl methacrylate) polymer for benzene sensing**

Times Cited: 9

(from Web of Science Core Collection)

By: Capan, R; Ray, AK; Tannisever, T; et al.
SMART MATERIALS & STRUCTURES Volume: 14
Issue: 4 Pages: N11-N15 Published: AUG 2005



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23. **Characterization of a novel 1,3-bis(p-aminobenzoic acid)indane Langmuir-Blodgett film for organic vapor sensing**

By: Capan, R; Eyyapan, M; Namli, H; et al.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 5 Issue: 7 Pages: 1108-1112 Published: JUL 2005



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24. **Interaction behaviour of spun films of poly [3-(6-methoxyhexyl)thiophene] derivatives with ambient gases**

By: Chaure, S; Yang, B; Hassan, AK; et al.
JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 37 Issue: 11 Pages: 1558-1562 Article Number: PII S0022-3727(04)73785-7 Published: JUN 7 2004



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25. **Formation of nanocomposite Langmuir-Blodgett alternate multilayers**

By: Capan, R; Hassan, AK; Nabok, AV; et al.
IEEE PROCEEDINGS-CIRCUITS DEVICES AND SYSTEMS Volume: 150 Issue: 4 Pages: 367-371 Published: AUG 2003



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- ☐ 1. **Self-Assembly of Solution-Processable Polyindole via Langmuir-Blodgett Technique: An Insight to Layer-Dependent Charge Transport and Electronic Parameters**

By: Mishra, Richa; Pandey, Rajiv K.; Upadhyay, Chandan; et al.
[CHEMISTRYSELECT](#) Volume: 2 Issue: 21 Pages: 6009-6015 Published: JUL 21 2017

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- ☐ 2. **Characterization of advanced polymethylmethacrylate (PMMA) targets for TNSA laser irradiation**

By: Torrisi, L.; Cutroneo, M.; Semian, V.; et al.
[APPLIED SURFACE SCIENCE](#) Volume: 351 Pages: 580-587 Published: OCT 1 2015

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- ☐ 3. **Improving the selectivity of a free base tetraphenylporphyrin based gas sensor for NO2 and carboxylic acid vapors**

By: Evyapan, M.; Dunbar, A. D. F.
[SENSORS AND ACTUATORS B-CHEMICAL](#) Volume: 206 Pages: 74-83 Published: JAN 2015

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- ☐ 4. **Growth and morphological analysis of ultra thin PMMA films prepared by Langmuir-Blodgett deposition technique**

By: Pandit, Pallavi; Banerjee, Mandira; Gupta, Ajay
[COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS](#) Volume: 454 Pages: 189-195 Published: JUL 20 2014

[Full Text from Publisher](#)[View Abstract](#)**Times Cited: 9**

(from Web of Science Core Collection)

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- ☐ 5. **Characterization of Polymeric LB Thin Films for Sensor Applications**

By: Erdogan, Matem; Ozbek, Zikriye; Capan, Rifat; et al.
[JOURNAL OF APPLIED POLYMER SCIENCE](#) Volume: 123 Issue: 4 Pages: 2414-2422 Published: FEB 15 2012

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- ☐ 6. **Organosoluble calixarene-based quinolone carriers: syntheses, evaluation and model hydrolytic studies at the air-water interface**

By: Sautrey, Guillaume; Clarot, Igor; Ben Salem, Adel; et al.

Times Cited: 5

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- ☐ 7. **Two-dimensional surface properties of PEO-PPO-PEO triblock copolymer film at the air/water interface in the absence and presence of Tyr-Phe dipeptide, Val-Tyr-Val tripeptide, SDS and stearic acid**

By: James, Jilly; Ramalechume, Chidambaram; Mandal, Asit Baran

COLLOIDS AND SURFACES B-BIOINTERFACES

Volume: 82 Issue: 2 Pages: 345-353 Published: FEB 7 2011



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- ☐ 8. **Langmuir-Schaefer (LS) Macroinitiator Film Control on the Grafting of a Thermosensitive Polymer Brush via Surface Initiated-ATRP**

By: Estillore, Nicel C.; Park, Jin Young; Advincula, Rigoberto C.

MACROMOLECULES

Volume: 43 Issue: 16 Pages: 6588-6598 Published: AUG 24 2010



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- ☐ 9. **Polymers at the Water/Air Interface, Surface Pressure Isotherms, and Molecularly Detailed Modeling**

By: Bernardini, C.; Stoyanov, S. D.; Stuart, M. A. Cohen; et al.

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- ☐ 10. **Characterisation and optical vapour sensing properties of PMMA thin films**

By: Capan, I.; Tarimci, C.; Hassan, A. K.; et al.

MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC

AND SUPRAMOLECULAR SYSTEMS Volume: 29 Issue: 1 Pages: 140-143 Published: JAN 1 2009



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- ☐ 11. **Electrical characterisation of poly(methyl methacrylate)/arachidic acid Langmuir-Blodgett films**

By: Capan, Inci; Uzunoglu, Tayfun; Tarimci, Celik; et al.

Conference: 10th European Conference on Organised Films (ECOF-10) Location: Riga, LATVIA Date: AUG 21-24, 2006

THIN SOLID FILMS

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- ☐ 1. **A Review of the Properties and Applications of Poly (Methyl Methacrylate) (PMMA)**

By: Ali, Umar; Abd Karim, Khairil Juhanni Bt.; Buang, Nor Aziah
[POLYMER REVIEWS](#) Volume: 55 Issue: 4 Pages: 678-705 Published: OCT 2 2015



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- ☐ 2. **Swelling behaviour of calixarene film exposed to various organic vapours by surface plasmon resonance technique**

By: Erdogan, M.; Capan, R.; Davis, F.
[SENSORS AND ACTUATORS B-CHEMICAL](#) Volume: 145 Issue: 1 Pages: 66-70 Published: MAR 4 2010



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- ☐ 3. **Nanoscale films of organic dyes for broadband environmental sensing**

By: Pradhan, Basudev; Sharma, Ashwani K.; Ray, Asim K.
[JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS](#) Volume: 20 Issue: 3 Pages: 267-271 Published: MAR 2009



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- ☐ 4. **Electrical characterisation of poly(methyl methacrylate)/arachidic acid Langmuir-Blodgett films**

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Conference: 10th European Conference on Organised Films (ECOF-10) Location: Riga, LATVIA Date: AUG 21-24, 2006
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- ☐ 5. **Benzene vapor detection using spun poly(methyl methacrylate) thin films**

By: Capan, R.; Tanrisever, T.; Ray, A. K.; et al.
[SENSOR LETTERS](#) Volume: 6 Issue: 3 Pages: 428-432 Published: JUN 2008



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By: Guo Wenting; Li Xiuli; Wei Tianxin
[PROGRESS IN CHEMISTRY](#) Volume: 20 Issue: 1 Pages: 155-162 Published: JAN 2008



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☐ 7. **The influence of solvent parameters upon the surface roughness of matrix assisted laser deposited thin polymer films**

By: Bubb, D. M.; Papantonakis, Michael; Collins, Brian; et al.
CHEMICAL PHYSICS LETTERS Volume: 448 Issue: 4-6
 Pages: 194-197 Published: NOV 14 2007



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☐ 8. **Self assembled thin films of poly(methyl methacrylate) for gas sensing**

By: Capan, I.; Tarimci, C.; Tanrisever, T.
SENSOR LETTERS Volume: 5 Issue: 3-4 Pages: 533-537
 Published: SEP-DEC 2007



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☐ 9. **Modifying thermal expansion of polymer composites by blending with a negative thermal expansion material**

By: Chandra, Arnreesh; Meyer, Wolfgang H.; Best, Andreas; et al.
MACROMOLECULAR MATERIALS AND ENGINEERING
 Volume: 292 Issue: 3 Pages: 295-301 Published: MAR 12 2007



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By: Kao, Yu-Chen; Whang, Wha-Tzong; Chen, Yi-Chun; et al.
[JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY](#) Volume: 51 Pages: 216-222 Published: JUL 25 2017

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- ☐ 2. **Electrolytes on governing particle coagulation and size distribution in the emulsion polymerization of butyl acrylate**

By: Xu, Xiaohui; Liu, Baijun; Zhang, Mingyao; et al.
[JOURNAL OF POLYMER RESEARCH](#) Volume: 23 Issue: 1 Article Number: 9 Published: DEC 21 2015

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- ☐ 3. **Parametric characterizations in superparamagnetic latex**

By: Beyar, Seda; Kockar, Hakan; Tanrisever, Taner
[BULLETIN OF MATERIALS SCIENCE](#) Volume: 37 Issue: 3 Pages: 389-396 Published: MAY 2014

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- ☐ 4. **Advanced soap-free emulsion polymerization for highly pure, micron-sized, monodisperse polymer particles**

By: Shibuya, Kazuhiro; Nagao, Daisuke; Ishii, Haruyuki; et al.
[POLYMER](#) Volume: 55 Issue: 2 Pages: 535-539 Published: JAN 30 2014

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- ☐ 5. **Micron-sized polystyrene particles by surfactant-free emulsion polymerization in air: Synthesis and mechanism**

By: Telford, Andrew M.; Pham, Binh T. T.; Neto, Chiara; et al.
[JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY](#) Volume: 51 Issue: 19 Pages: 3997-4002 Published: OCT 2013

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By: Beyaz, Seda; Tanrisever, Taner; Kockar, Hakan

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- 7. **Controlling the Size and Surface Morphology of Carboxylated Polystyrene Latex Particles by Ammonium Hydroxide in Emulsifier-free Polymerization**

By: Dong, Hyunbae; Lee, Sang-Yup; Yi, Gi-Ra

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Pages: 397-402 Published: JUN 2009



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- 8. **Preparation and Characterization of Micrometer-Sized Poly(N-isopropylacrylamide) Hydrogel Particles**

By: Shimizu, Hidenobu; Wada, Risei; Okabe, Masaru

[POLYMER JOURNAL](#) Volume: 41 Issue: 9 Pages: 771-777

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By: Lalova, A.; Todorov, R.

Conference: National Conference on Physics Location: Paisii Hilendarski Univ Plovdiv, Plovdiv, BULGARIA Date: OCT 10-12, 2014

Sponsor(s): Univ Plovdiv, Fac Phys

BULGARIAN CHEMICAL COMMUNICATIONS Volume: 47 Special Issue: B Pages: 29-34 Published: 2015



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☐ 2. **Fabrication of PMMA/arachidic acid LB films**

By: Capan, I.; Tanrisever, T.

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☐ 3. **A PMMA coated PMN-PT single crystal resonator for sensing chemical agents**

By: Frank, Michael; Moon, Kee S.; Kassegne, Sam

SMART MATERIALS & STRUCTURES Volume: 19 Issue: 3 Article Number: 035015 Published: MAR 2010



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☐ 4. **Benzene vapor detection using spun poly(methyl methacrylate) thin films**

By: Capan, R.; Tanrisever, T.; Ray, A. K.; et al.

SENSOR LETTERS Volume: 6 Issue: 3 Pages: 428-432 Published: JUN 2008



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By: Dimopoulos, Savvas; Kitsara, Maria; Goustouridis, Dimitrios; et al.

[SENSOR LETTERS](#) Volume: 9 Issue: 2 Pages: 577-583

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☐ 1. Electrical characterisation of stearic acid/calix[4]amine Langmuir-Blodgett thin film

By: Capan, Rifat; Richardson, Tim; Hassan, Aseel K.; et al.
[MATERIALS CHEMISTRY AND PHYSICS](#) Volume: 143
Issue: 3 Pages: 1258-1264 Published: FEB 14 2014



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☐ 2. Effect of heat treatment on the structural and optical characteristics of plasma deposited 2-(diethylamino)ethyl methacrylate thin films by a capacitively coupled glow discharge plasma system

By: Afroze, Tamanna; Bhuiyan, A. H.
[PHYSICA SCRIPTA](#) Volume: 88 Issue: 4 Article Number: 045502
Published: OCT 2013



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☐ 3. Electrical conductivity properties of boron containing Langmuir-Blodgett thin films

By: Evyapan, M.; Capan, R.; Erdogan, M.; et al.
[JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS](#) Volume: 24 Issue: 9 Pages: 3403-3411
Published: SEP 2013



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By: Acikbas, Yaser; Bas, Salih Zeki; Ozmen, Mustafa; et al.

IEEE SENSORS JOURNAL Volume: 17 Issue: 5 Pages: 1222-1229 Published: MAR 1 2017



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☐ 2. One-dimensional PMMA-V₂O₅ photonic crystals used as color indicators of chloroform vapors

By: Lazarova, K.; Georgiev, R.; Vasileva, M.; et al.

OPTICAL AND QUANTUM ELECTRONICS Volume: 48 Issue: 6 Article Number: 310 Published: JUN 2016



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☐ 3. Optical properties of thin PMMA films for sensor application

By: Lalova, A.; Todorov, R.

Conference: National Conference on Physics Location: Paisii Hilendarski Univ Plovdiv, Plovdiv, BULGARIA Date: OCT 10-12, 2014

Sponsor(s): Univ Plovdiv, Fac Phys

BULGARIAN CHEMICAL COMMUNICATIONS Volume: 47 Special Issue: B Pages: 29-34 Published: 2015



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☐ 4. Asymmetric one-dimensional photonic crystal for optical sensing in the visible spectral range

By: Lalova, A.; Todorov, R.

Edited by: VandeSanden, MCM; Dimitrova, M; Ghelev, C
Conference: 18th International Summer School on Vacuum, Electron and Ion Technologies (VEIT) Location: Sozopol, BULGARIA Date: OCT 07-11, 2013

Sponsor(s): Dutch Inst Fundamental Energy Res; Inst Elect; Bulgarian Acad Sci; AllData; Astel; Minist Educ & Sci Republ Bulgaria

18TH INTERNATIONAL SUMMER SCHOOL ON VACUUM, ELECTRON AND ION TECHNOLOGIES (VEIT2013) Book Series: Journal of Physics Conference Series Volume: 514 Article Number: 012014 Published: 2014



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☐ 5. Spin coated nano scale PMMA films for organic thin film transistors

By: Shekar, B. Chandar; Sathish, S.; Sengoden, R.

Edited by: Ganesan, V; Pandey, RK

Conference: National Conference on Spintronic Materials - Nanostructures and Devices (SMND) Location: Perundurai, INDIA Date: MAR 03-04, 2011

Sponsor(s): Govt India, Dept Atom Energy, Board Res Nucl Sci; All India Council Tech Educ; Govt India, Minist Sci & Technol,

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By: Sood, Ankur; Arora, Varun; Shah, Jyoti; et al.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS

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- ☐ 5. **Evaluation of folic acid tagged aminated starch/ZnO coated iron oxide nanoparticles as targeted curcumin delivery system**

By: Saikia, Chinmayee; Das, Monoj K.; Ramteke, Anand; et al.

CARBOHYDRATE POLYMERS

Volume: 157 Pages: 391-399

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By: Saikia, Chinmayee; Das, Monoj K.; Ramteke, Anand; et al.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS Volume: 66 Issue: 7 Pages: 349-358 Published: 2017



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7. Magnetoresponseive conductive colloidal suspensions with magnetized carbon nanotubes

By: Abdalla, Ahmed M.; Fattah, Abdel Rahman Abdel; Ghosh, Suvojit; et al.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 421 Pages: 292-299 Published: JAN 1 2017



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8. A comparative study: Synthesis of superparamagnetic iron oxide nanoparticles in air and N-2 atmosphere

By: Alp, Erdem; Aydogan, Nihal
Conference: 29th Conference of the European-Colloid-and-Interface-Society (ECIS) Location: Bordeaux, FRANCE Date: SEP 06-11, 2015
Sponsor(s): European Colloid & Interface Soc
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS Volume: 510 Special Issue: SI Pages: 205-212 Published: DEC 5 2016



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9. Effect of crosslinker on drug delivery properties of curcumin loaded starch coated iron oxide nanoparticles

By: Saikia, Chinmayee; Das, Monoj K.; Ramteke, Anand; et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 93 Pages: 1121-1132 Part: A Published: DEC 2016



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10. Recent advances in synthesis and surface modification of superparamagnetic iron oxide nanoparticles with silica

By: Sodipo, Bashiru Kayode; Aziz, Azlan Abdul
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 416 Pages: 275-291 Published: OCT 15 2016



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11. Iron Oxide Magnetic Nanoparticles Mediated Extraction of Toxic Bile Acids Form Inexpensive Nutrient Media for Unprecedented Growth Enhancement of Halophilic Bacteria

By: Manikandan, Muthu; Ramachandran, D.; Chun, Sechul
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 16 Issue: 9 Pages: 9468-9476 Published: SEP 2016



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12. Comparative study of sol-gel methods for the facile synthesis of tailored magnetic silica spheres

By: Cardoso, V. F.; Irusta, S.; Navascues, N.; et al.
MATERIALS RESEARCH EXPRESS Volume: 3 Issue: 7 Article Number: 075402 Published: JUL 2016



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 NANOSCALE Volume: 8 Issue: 47 Pages: 19421-19474 Published: 2016</p> <div style="display: flex; align-items: center;"> View Abstract </div> </div> </div> | <p>Times Cited: 20
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 APPLIED SURFACE SCIENCE Volume: 357 Pages: 543-550 Part: A Published: DEC 1 2015</p> <div style="display: flex; align-items: center;"> Full Text from Publisher </div> <div style="display: flex; align-items: center;"> View Abstract </div> </div> </div> | <p>Times Cited: 7
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By: Rehana, Dilaveez; Haleel, Azees Khan; Rahiman, Aziz Kalilur

JOURNAL OF CHEMICAL SCIENCES Volume: 127

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- ☐ 21. **Uptake and clearance analysis of Technetium(99m) labelled iron oxide nanoparticles in a rabbit brain**

By: Nadeem, Muhammad; Ahmad, Munir; Saeed, M. A.; et al.

IET NANOBIO TECHNOLOGY Volume: 9 Issue: 3

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- ☐ 22. **Synthesis, characterization, and theoretical study of an acrylamide-based magnetic molecularly imprinted polymer for the recognition of sulfonamide drugs**

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E-POLYMERS Volume: 15 Issue: 3 Pages: 141-150

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- ☐ 23. **Magnetically responsive siliceous frustules for efficient chemotherapy**

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MATERIALS SCIENCE & ENGINEERING C-MATERIALS

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- ☐ 25. **Carboxymethyl starch-chitosan-coated iron oxide magnetic nanoparticles for controlled delivery of isoniazid**

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☐ 26. Magnetic and structural phase transition in iron oxide nanostructures

By: Riaz, Saira; Shah, S. Zaheer H.; Kayani, Zohra N.; et al.
Conference: International Conference on Solid State Physics (ICSSP) Location: Univ Punjab, Lahore, PAKISTAN Date: DEC 01-06, 2013

Sponsor(s): Ctr Excellence Solid State Phys; Biotroll Pvt Ltd; Dawn Sci; Sanco; Bana Int; Comp Engrn Serv
MATERIALS TODAY-PROCEEDINGS Volume: 2 Issue: 10
Pages: 5280-5287 Part: B Published: 2015



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☐ 27. Magnetic properties of sol-gel deposited magnetite thin films

By: Akbar, Aseya; Riaz, Saira; Hussain, Syed Sajjad; et al.
Conference: International Conference on Solid State Physics (ICSSP) Location: Univ Punjab, Lahore, PAKISTAN Date: DEC 01-06, 2013

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☐ 28. Magnetic behavior of iron oxide thin films for biomedical applications

By: Khan, Usman; Akbar, Aseya; Ahmad, Unaiza; et al.
Conference: International Conference on Solid State Physics (ICSSP) Location: Univ Punjab, Lahore, PAKISTAN Date: DEC 01-06, 2013

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☐ 29. Growth and characterizations of magnetic nanoparticles under hydrothermal conditions: Reaction time and temperature

By: Ozel, Fatmahan; Kockar, Hakan
Conference: International Conference on Nanoscale Magnetism (ICNM-2013) Location: Istanbul, TURKEY Date: SEP 02-06, 2013

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 373 Pages: 213-216 Published: JAN 1 2015



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By: Vinluan, Rodrigo D., III; Liu, Jinbin; Zhou, Chen; et al.
ACS APPLIED MATERIALS & INTERFACES Volume: 6
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Effect of Fe3+/Fe2+ Ratio on Superparamagnetic Behavior of Spin Coated Iron Oxide Thin Films

By: Akbar, Aseya; Riaz, Saira; Bashir, Mahwish; et al.
IEEE TRANSACTIONS ON MAGNETICS Volume: 50
Issue: 8 Article Number: 2200804 Part: 1 Published: AUG 2014

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Free Growth of Iron Oxide Nanostructures by Sol-Gel Spin Coating Technique-Structural and Magnetic Properties

By: Riaz, Saira; Ashraf, Robina; Akbar, Aseya; et al.
IEEE TRANSACTIONS ON MAGNETICS Volume: 50
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Crosslinked thiolated starch coated Fe3O4 magnetic nanoparticles: Effect of montmorillonite and crosslinking density on drug delivery properties

By: Saikia, Chinmayee; Hussain, Anowar; Ramteke, Anand; et al.
STARCH-STARKE Volume: 66 Issue: 7-8 Pages: 760-771
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Fenton-Like Degradation of Acid Orange 7 Using Graphene Oxide-Iron Oxide Nanocomposite

By: Zubir, Nor Aida; Zhang, Xiwang; Yacou, Christelle; et al.
SCIENCE OF ADVANCED MATERIALS Volume: 6 Issue: 7
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Thermodynamic Characterization on Surface of Iron Oxide Nanoparticles Prepared by Co-precipitation: An Inverse Gas Chromatography Application

By: Beyaz, Seda; Karaman, Ferdane
ASIAN JOURNAL OF CHEMISTRY Volume: 26 Issue: 10
Pages: 3053-3060 Part: B Published: MAY 2014

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Parametric characterizations in superparamagnetic latex

By: Beyar, Seda; Kockar, Hakan; Tanrisever, Taner
BULLETIN OF MATERIALS SCIENCE Volume: 37 Issue: 3
Pages: 389-396 Published: MAY 2014

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Electro-optic switching in iron oxide nanoparticle embedded paramagnetic chiral liquid crystal via magneto-electric coupling

By: Goel, Puja; Arora, Manju; Biradar, Ashok M.
JOURNAL OF APPLIED PHYSICS Volume: 115 Issue: 12
Article Number: 124905 Published: MAR 28 2014

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- By: Biswal, Dipti; Peeples, Brianna N.; Peeples, Caryn; et al.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 345 Pages: 1-6 Published: NOV 2013
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- ☐ 39. **Reduction and characterizations of iron particles: influence of reduction parameters**
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- ☐ 40. **Alcohol Dependent Production of Fe₃O₄ and CoFe₂O₄ Nanoparticles**
- By: Yocum, Brandon J.; Ekiert, Thomas F., Jr.; Alexander, Max D.; et al.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 13 Issue: 6 Pages: 4462-4467 Published: JUN 2013
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- ☐ 42. **CHARACTERIZATION OF MAGNETIC AND NON-MAGNETIC IRON OXIDE NANOPARTICLES SYNTHESIZED BY DIFFERENT ROUTES**
- By: Maich, Alyssa A.; Erdem, E. Yegan; Doyle, Fiona M.
 Edited by: Hwang, JY; Monteiro, SN; Bai, CG; et al.
 Conference: Symposium on Characterization of Minerals, Metals and Materials held during TMS Annual Meeting and Exhibition Location: Orlando, FL Date: MAR 11-15, 2012
 Sponsor(s): TMS; TMS, Extract & Proc Div, Mat Characterizat Comm
CHARACTERIZATION OF MINERALS, METALS, AND MATERIALS Pages: 99-106 Published: 2012
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- By: Chen, Guo-Jing; Wang, Li-Fang
CURRENT PHARMACEUTICAL DESIGN Volume: 17 Issue: 22 Pages: 2331-2351 Published: JUL 2011
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By: Zavareh, Siamak; Behrouzi, Zahra; Avanes, Armen
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 101 Pages: 40-50
 Published: AUG 2017

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- ☐ 2. **A simple way to obtain high saturation magnetization for superparamagnetic iron oxide nanoparticles synthesized in air atmosphere: Optimization by experimental design**

By: Karaagac, Ozgur; Kockar, Hakan
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By: Ozel, Fatmahan; Kockar, Hakan; Beyaz, Seda; et al.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 24 Issue: 8 Pages: 3073-3080
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- ☐ 2. **Cross-linked poly(dimethylaminoethyl acrylamide) coated magnetic nanoparticles: a high loaded, retrievable, and stable basic catalyst for the synthesis of benzopyranes in water**
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- ☐ 3. **Anion-exchanged nanosolid support of magnetic nanoparticle in combination with PNA probes for DNA sequence analysis**
By: Theppaleak, T.; Rutnakornpituk, M.; Wichai, U.; et al.
[JOURNAL OF NANOPARTICLE RESEARCH](#) Volume: 15 Issue: 12 Article Number: UNSP 2106 Published: NOV 7 2013

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- By: Li, Mei-Chun; Ge, Xin; Cho, Ur Ryong
[MACROMOLECULAR RESEARCH](#) Volume: 21 Issue: 7 Pages: 793-800 Published: JUL 2013

- ☐ 5. **Azlactone functionalization of magnetic nanoparticles using ATRP and their bioconjugation**

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- By: Prai-in, Yingrak; Tankanya, Kritsada; Rutnakornpituk, Boonjira; et al.
[POLYMER](#) Volume: 53 Issue: 1 Pages: 113-120 Published: JAN 5 2012

- ☐ 6. **Emulsifier-free synthesis of crosslinkable ABA triblock copolymer nanoparticles via AGET ATRP**

By: Cheng, Chuanjie; Fu, Quanlei; Liu, Zhongbin; et al.

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[COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS](#) Volume: 510 Special Issue: SI Pages: 205-212 Published: DEC 5 2016

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- ☐ 3. [Facile synthesis of magnetite iron oxide nanoparticles via precipitation method at different reaction temperatures](#)

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[MATERIALS RESEARCH INNOVATIONS](#) Volume: 18 Supplement: S6 Pages: 470-473 Published: DEC 2014

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2. A new route of emulsifier-free emulsion polymerization for the preparation of polymer coated magnetite nanoparticles

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4. A Novel Approach to Prepare Hydroxyapatite-Coated Biodegradable Polymer Microspheres Loaded with Magnetic Fe₃O₄ via Nanoparticle-Stabilized EmulsionsBy: Okada, Masahiro; Takeda, Shoji; Furuzono, Tsutomu
Edited by: Ishikawa, K; Iwamoto, YConference: 24th Symposium and Annual Meeting of International Society for Ceramics in Medicine (ISCM 2012)
Location: Fukuoka, JAPAN Date: OCT 21-24, 2012BIOCERAMICS 24 Book Series: Key Engineering Materials
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