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<td>Kurzbach, D; Kattnig, DR; Pfaffenberger, N; Schartl, W; Hinderberger, D</td>
<td>Highly Defined, Colloid-Like Ionic Clusters in Solution</td>
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<td>Eckelt, A; Eckelt, J; Schartl, W; Wolf, BA</td>
<td>On The Incompatibility of Dextran and Pullulan in Aqueous Solutions and Its Modeling</td>
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<td>Cardenas-Daw, C; Kroeger, A; Schartl, W; Froimowicz, P; Landfester, K</td>
<td>Reversible Photocycloadditions, a Powerful Tool for Tailoring (Nano)Materials</td>
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<td>213</td>
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<td>Ren, T; Erker, W; Basche, T; Schartl, W</td>
<td>Synthesis and Spectroscopic Properties of Silica-Dye-Semiconductor Nanocrystal Hybrid Particles</td>
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<td>26</td>
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By: Schartl, W (Schaertl, Wolfgang); Xie, RG (Xie, Renguo); Ren, T (Ren, Ting); Sejfic, M (Sejfic, Mirsada); Wenz, G (Wenz, Gerhard); Heisel, R (Heisel, Ronny); Scherer, C (Scherer, Christian); Maskos, M (Maskos, Michael); Fischer, K (Fischer, Karl); Basche, T (Basche, Thomas)
Title: Water-soluble, cyclodextrin-functionalized semiconductor nanocrystals: Preparation and pH-dependent aggregation and emission properties
Source: JOURNAL OF LUMINESCENCE
Volume: 129
Issue: 12
Pages: 1428-1434
DOI: 10.1016/j.jlumin.2009.03.028
Published: DEC 2009
Conference Title: International Conference on Luminescence and Optical Spectroscopy of Condensed Matter (ICL'08)
Conference Date: JUL 07-11, 2008
Conference Location: Univ Lumiere Lyon 2, Lyon, FRANCE
Sponsor(s): Lyon 1; cnrs; lpcm; Univ Lyon
Conference Host: Univ Lumiere Lyon 2

Times Cited in Web of Science: 3
Times Cited in BIOSIS Citation Index: 0
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By: Marksteiner, D (Marksteiner, D.); Wasser, S (Wasser, S.); Schartl, W (Schaertl, W.)
Title: Photochemical Gluing of Colloidal Particles by a Simple Interparticle Polymerization Route
Source: LANGMUIR
Volume: 25
Issue: 22
Pages: 12843-12846
DOI: 10.1021/la903733b
Published: NOV 17 2009

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By: Grosserueschkamp, M (Grosserueschkamp, Marc); Nowak, C (Nowak, Christoph); Schach, D (Schach, Denise); Schartl, W (Schaertl, Wolfgang); Knoll, W (Knoll, Wolfgang); Naumann, RLC (Naumann, Renate L. C.)
Title: Silver Surfaces with Optimized Surface Enhancement by Self-Assembly of Silver Nanoparticles for Spectroelectrochemical Applications
Source: JOURNAL OF PHYSICAL CHEMISTRY C
Volume: 113
Issue: 34
Pages: 15124-15132
DOI: 10.1021/jp9017426
Published: AUG 27 2009

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Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 1
Times Cited in SciELO Citation Index: 0
Total Times Cited: 3
Accession Number: WOS:000270459900019

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By: Schwagler, M (Schwaegler, M.); Nowak, C (Nowak, C.); Hoffmann, J (Hoffmann, J.); Schartl, W (Schaertl, W.)
Title: Enhanced Gold Nanoparticle Mobility in Thermoresponsive Hydrogels Caused by Localized Light-to-Heat Conversion, Leading to a Superdiffusive Particle Transport
Source: JOURNAL OF PHYSICAL CHEMISTRY C
Volume: 113
Issue: 34
Pages: 15124-15132
DOI: 10.1021/jp9017426
Published: AUG 27 2009

Times Cited in Web of Science: 3
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in SciELO Citation Index: 0
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By: Grimm, A (Grimm, A.); Nowak, C (Nowak, C.); Hoffmann, J (Hoffmann, J.); Schartl, W (Schaertl, W.)
Title: Electrophoretic Mobility of Gold Nanoparticles in Thermoresponsive Hydrogels
Source: MACROMOLECULES
Volume: 42
Issue: 16
Record 11 of 42
By: Yuan, X (Yuan, Xiaofeng); Schnell, M (Schnell, Matthias); Muth, S (Muth, Sandra); Schartl, W (Schaertl, Wolfgang)
Title: Cluster formation and rheology of photoreactive nanoparticle dispersions
Source: LANGMUIR
Volume: 24
Issue: 10
Pages: 5299-5305
DOI: 10.1021/la800043j
Published: MAY 20 2008
Times Cited in Web of Science: 8
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in SciELO Citation Index: 0
Total Times Cited: 8
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By: Berger, R (Berger, R.); Cheng, Y (Cheng, Y.); Forch, R (Foerch, R.); Gotsmann, B (Gotsmann, B.); Gutmann, JS (Gutmann, J. S.); Pakula, T (Pakula, T.); Rietzler, U (Rietzler, U.); Schartl, W (Schaertl, W.); Schmidt, M (Schmidt, M.); Strack, A (Strack, A.); Windeln, J (Windeln, J.); Butt, HJ (Butt, H. -J.)
Title: Nanowear on polymer films of different architecture
Source: LANGMUIR
Volume: 23
Issue: 6
Pages: 3150-3156
DOI: 10.1021/la0620399
Published: MAR 13 2007
Times Cited in Web of Science: 33
Times Cited in BIOSIS Citation Index: 1
Times Cited in Chinese Science Citation Database: 0
Times Cited in SciELO Citation Index: 0
Total Times Cited: 33
Accession Number: WOS:000244650000033

Record 13 of 42
By: Schartl, W (Schaertl, Wolfgang)
Title: From photo-reactive nanoparticles to photo-cleavable microcapsules
Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY
Volume: 231
Meeting Abstract: 87-COLL
Published: MAR 26 2006
Conference Title: 231st National Meeting of the American-Chemical-Society
Conference Date: MAR 26-30, 2006
Conference Location: Atlanta, GA
Sponsor(s): Amer Chem Soc
Times Cited in Web of Science: 0
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in SciELO Citation Index: 0
Total Times Cited: 0
Accession Number: WOS:000238125903087

Record 14 of 42
By: Yuan, XF (Yuan, XF); Fischer, K (Fischer, K); Schartl, W (Schartl, W)
Title: Photocleavable microcapsules built from photoreactive nanospheres
Source: LANGMUIR
Volume: 21
Issue: 20
Pages: 9374-9380
DOI: 10.1021/la051491+
Published: SEP 27 2005
Times Cited in Web of Science: 38
Times Cited in BIOSIS Citation Index: 7
Times Cited in Chinese Science Citation Database: 5
Times Cited in SciELO Citation Index: 0
Total Times Cited: 40
Accession Number: WOS:000232080100058

Record 15 of 42
By: Yuan, XF (Yuan, XF); Fischer, K (Fischer, K); Schartl, W (Schartl, W)
Title: Reversible cluster formation of colloidal nanospheres by interparticle photodimerization
Source: ADVANCED FUNCTIONAL MATERIALS
Volume: 14
Issue: 5
Pages: 457-463
Published: MAY 2004
Times Cited in Web of Science: 16
Times Cited in BIOSIS Citation Index: 2
Times Cited in Chinese Science Citation Database: 1
Times Cited in ScIELO Citation Index: 0
Total Times Cited: 17
Accession Number: WOS:000221707700007

Record 16 of 42
By: Yezek, L; Schartl, W; Chen, YM; Gohr, K; Schmidt, M
Title: Influence of hair density and hair length on interparticle interactions of spherical polymer brushes in a homopolymer matrix
Source: MACROMOLECULES
Volume: 36
Issue: 11
Pages: 4226-4235
Published: JUN 3 2003
Times Cited in Web of Science: 12
Times Cited in BIOSIS Citation Index: 1
Times Cited in Chinese Science Citation Database: 0
Times Cited in ScIELO Citation Index: 0
Total Times Cited: 12
Accession Number: WOS:000183247700063

Record 17 of 42
By: Gohr, K; Schartl, W; Willner, L; Pyckhout-Hintzen, W
Title: SANS investigation of PS-PB block copolymer micelles in a short chain PB homopolymer matrix
Source: MACROMOLECULES
Volume: 35
Issue: 24
Pages: 9110-9116
Published: NOV 19 2002
Times Cited in Web of Science: 7
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in ScIELO Citation Index: 0
Total Times Cited: 7
Accession Number: WOS:000179298300031

Record 18 of 42
By: Hugenberg, N; Loske, S; Muller, AHE; Scharl, W; Schmidt, M; Simon, PFW; Strack, A; Wolf, BA
Title: Synthesis and large scale fractionation of non-linear polymers: brushes and hyperbranched polymers
Source: JOURNAL OF NON-CRYSTALLINE SOLIDS
Volume: 307
Pages: 765-771
Article Number: PII S0022-3093(02)01559-4
Published: SEP 2002
Conference Title: 4th International Discussion Meeting on Relaxations in Complex Systems (IDMRCS)
Conference Date: JUN 17-23, 2001
Conference Location: IRAKLION, GREECE
Times Cited in Web of Science: 7
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in ScIELO Citation Index: 0
Total Times Cited: 7
Accession Number: WOS:000178038100102

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By: Lindenblatt, G; Schartl, W; Pakula, T; Schmidt, M
Title: Structure and dynamics of hairy spherical colloids in a matrix of nonentangled linear chains
Source: MACROMOLECULES
Volume: 34
Issue: 6
Pages: 1730-1736
Published: MAR 13 2001
Times Cited in Web of Science: 49
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 0
Times Cited in ScIELO Citation Index: 0
Total Times Cited: 49
Accession Number: WOS:0000178038100102

Record 20 of 42
By: Schartl, W
Title: Crosslinked spherical nanoparticles with core-shell topology
Record 21 of 42
By: Lindenblatt, G (Lindenblatt, G); Schartl, W (Schartl, W); Pakula, T (Pakula, T); Schmidt, M (Schmidt, M)
Title: Synthesis of polystyrene-grafted polyorganosiloxane microgels and their compatibility with linear polystyrene chains
Source: MACROMOLECULES
Volume: 33
Issue: 25
Pages: 9340-9347
DOI: 10.1021/ma001328f
Published: DEC 12 2000
Times Cited in Web of Science: 46
Times Cited in BIOSIS Citation Index: 0
Times Cited in Chinese Science Citation Database: 1
Times Cited in SciELO Citation Index: 0
Total Times Cited: 47
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By: Spill, R (Spill, R); Kohler, W (Kohler, W); Lindenblatt, G (Lindenblatt, G); Schaertl, W (Schaertl, W)
Title: Thermal diffusion and Soret feedback of gold-doped polyorganosiloxane nanospheres in toluene
Source: PHYSICAL REVIEW E
Volume: 62
Issue: 6
Pages: 8361-8368
DOI: 10.1103/PhysRevE.62.8361
Part: B
Published: DEC 2000
Times Cited in Web of Science: 25
Times Cited in BIOSIS Citation Index: 0
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Title: Hierarchical self-organization of perylene bisimide-melamine assemblies to fluorescent mesoscopic superstructures
Source: CHEMISTRY -A EUROPEAN JOURNAL
Volume: 6
Issue: 21
Pages: 3871-3886
DOI: 10.1002/1521-3765(20001103)6:21<3871::AID-CHEM3871>3.3.CO;2-W
Published: NOV 3 2000
Times Cited in Web of Science: 169
Times Cited in BIOSIS Citation Index: 7
Times Cited in Chinese Science Citation Database: 2
Times Cited in SciELO Citation Index: 0
Total Times Cited: 171
Accession Number: WOS:000165340300013

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By: Graf, C (Graf, C); Schartl, W (Schartl, W); Hugenberg, N (Hugenberg, N)
Title: Photoinduced cluster formation of coumarin-labeled organosilicon micronetworks
Source: ADVANCED MATERIALS
Volume: 12
Issue: 18
Pages: 1353-1356
DOI: 10.1002/1521-4095(20000912)12:18<1353::AID-ADMA1353>3.0.CO;2-O
Published: SEP 15 2000
Times Cited in Web of Science: 12
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Times Cited in SciELO Citation Index: 0
Total Times Cited: 12
Accession Number: WOS:000089823100013

Record 25 of 42
By: Gohr, K (Gohr, K); Schartl, W (Schartl, W)
Title: Dynamics of copolymer micelles in a homopolymer melt: Influence of the matrix molecular weight
Source: MACROMOLECULES
Structure and diffusion of copolymer micelles in entangled homopolymer chains

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS

Volume: 200
Issue: 3
Pages: 481-500
DOI: 10.1002/(SICI)1521-3935(19990301)200:3<481::AID-MACP481>3.3.CO;2-W

Oscillating time correlation functions from dynamic light scattering of gold-labeled tracers

Source: JOURNAL OF CHEMICAL PHYSICS

Volume: 108
Issue: 22
Pages: 9594-9597
DOI: 10.1063/1.473464

The glass transition dynamics of polymer micronetwork colloids. A mode coupling analysis

Source: JOURNAL OF CHEMICAL PHYSICS

Volume: 106
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Pages: 3743-3756
DOI: 10.1021/la950400d

FRS study of diffusional processes in block copolymer/homopolymer blends containing glassy spherical micelles

Source: MACROMOLECULES

Volume: 29
Issue: 16
Pages: 5297-5305
DOI: 10.1021/ma9600116

Salt fractionation effect for spherical macroions

Source: LANGMUIR

Volume: 12
Issue: 10
Pages: 2340-2347
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