

# Onder Pekcan

## List of Publications by Year in descending order

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349  
papers

4,163  
citations

156536

32  
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355  
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355  
docs citations

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times ranked

2372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surfactant-free one-step fabrication of gelatin/PAAm/MWCNT composites for biomedical applications. <i>Polymer Bulletin</i> , 2022, 79, 1597-1614.	1.7	4
2	Polyacrylamide mediated polyvinyl pyrrolidone composites incorporated with aligned molybdenum disulfide. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	3
3	The WS <sub>2</sub> dependence on the elasticity and optical band gap energies of swollen PAAm composites. <i>Journal of Composite Materials</i> , 2021, 55, 71-76.	1.2	6
4	Evaluation of the fractal dimension of polyacrylamide during gelation and swelling. <i>Materials Today Communications</i> , 2021, 26, 101980.	0.9	0
5	Tungsten disulfide (WS <sub>2</sub> ) doped polyacrylamide (PAAm) composites: Gelation and optical studies. <i>Optik</i> , 2021, 245, 167673.	1.4	2
6	Application of fluorescence technique for understanding film formation from polymer latexes and composites. , 2021, , 263-357.		0
7	Fluorescence and photon transmission techniques for studying film formation from PS/GO nanocomposites. <i>Polymer Bulletin</i> , 2020, 77, 3061-3077.	1.7	1
8	TAILORING THE ELECTRICAL AND OPTICAL PROPERTIES OF CARBON NANOTUBE REINFORCED TRANSPARENT TiO <sub>2</sub> COMPOSITES BY VARYING NANOTUBE CONCENTRATIONS. <i>Surface Review and Letters</i> , 2020, 27, 1950103.	0.5	2
9	Fractal dimension and phase transition of graphene oxide (GO) doped polyacrylamide. <i>Polymer Testing</i> , 2020, 84, 106386.	2.3	3
10	Effects of GNP addition on optical properties and band gap energies of PMMA films. <i>Polymer Composites</i> , 2019, 40, 1862-1869.	2.3	36
11	Mathematical models for phase transitions in biogels. <i>Modern Physics Letters B</i> , 2019, 33, 1950111.	1.0	2
12	Electrical and optical percolations in PMMA/GNP composite films. <i>Phase Transitions</i> , 2018, 91, 546-557.	0.6	15
13	Temperature Effect on the Elasticity of Acrylamide-n-Isopropylacrylamide Copolymers. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 168-175.	0.4	3
14	Optical energy band gap of PAAm-GO composites. <i>Composite Structures</i> , 2018, 183, 212-215.	3.1	34
15	Mechanical properties of graphene oxide-polyacrylamide composites before and after swelling in water. <i>Polymer Bulletin</i> , 2018, 75, 1431-1439.	1.7	17
16	Fractal Dimensions of Î <sup>g</sup> -Carrageenan Gels during Gelation and Swelling. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 715-731.	0.4	4
17	Mathematical Characterization of Thermo-reversible Phase Transitions of Agarose Gels. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 364-376.	0.4	8
18	Fractal Features and Structural, Morphological, Optical Characteristics of Sol-Gel Derived Silica Nanoparticled Thin Films. <i>Acta Physica Polonica A</i> , 2018, 133, 1160-1164.	0.2	0

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19	Epidemic models for phase transitions: application to a physical gel. <i>Phase Transitions</i> , 2017, 90, 905-913.	0.6	5
20	A modified approach to cross entropy method: Elitist stepped distribution algorithm. <i>Applied Soft Computing Journal</i> , 2017, 58, 756-769.	4.1	9
21	Crack identification for rigid pavements using unmanned aerial vehicles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 236, 012101.	0.3	28
22	Elastic properties of a swollen polyacrylamide (PAAm) gel doped with various multiwalled carbon nanotube (MWNT) contents. <i>Materialpruefung/Materials Testing</i> , 2017, 59, 485-490.	0.8	2
23	Effect of content and temperature on the phase transitions of polymer composites doped by kappa carrageenan and alginate. , 2016, , 201-235.		0
24	Optical, Mechanical, and Electrical Properties of Polymer Composites Doped by Multiwalled Carbon Nanotubes. , 2016, , .		2
25	Surfactant and metal ion effects on the mechanical properties of alginate hydrogels. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 220-224.	3.6	48
26	The modifier effects of chymotrypsin and trypsin enzymes on fluorescence lifetime distribution of $\alpha$ -N-(1-pyrenyl)maleimide $\alpha$ -bovine serum albumin $\alpha$ -complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 8-12.	2.0	2
27	Structural analysis of peptide fragments following the hydrolysis of bovine serum albumin by trypsin and chymotrypsin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1092-1100.	2.0	6
28	Measurement of oxygen diffusion in PS/PNIPAM films using fluorescence quenching. <i>Plastics, Rubber and Composites</i> , 2015, 44, 189-196.	0.9	0
29	Universality of elasticity on PAAM-NIPA copolymer gels. <i>EPJ Applied Physics</i> , 2015, 69, 11201.	0.3	3
30	A mathematical characterization of the gel point in sol-gel transition. <i>Journal of Physics: Conference Series</i> , 2015, 574, 012005.	0.3	4
31	A comparison of fluorescence and UV $\alpha$ -visible spectrometry techniques for thermal phase transitions of agarose gels. <i>Polymer Bulletin</i> , 2015, 72, 157-175.	1.7	6
32	Fluorescence study of effect of particle size in PS latex/ $\text{Al}_2\text{O}_3$ nanocomposite films. <i>Plastics, Rubber and Composites</i> , 2015, 44, 129-141.	0.9	0
33	Percolation of glassy regions during photopolymerization of epoxy acrylate in DMF. <i>Progress in Organic Coatings</i> , 2015, 80, 59-64.	1.9	1
34	Kinetic models for the dynamical behavior of polyacrylamide (PAAm) $\alpha$ -carrageenan ( $\alpha$ C) composite gels. <i>Journal of Biological Physics</i> , 2015, 41, 37-47.	0.7	3
35	Elasticity Study of PAAm- $\alpha$ C Composite Prepared in Various $\alpha$ C Content and Measured at Several Temperatures. <i>Acta Physica Polonica A</i> , 2015, 128, 331-336.	0.2	3
36	Fluorescence Study of Film Formation from PS Latex- $\text{TiO}_2$ Composites: Effects of $\text{TiO}_2$ Content, Film Thickness and Particle Size. <i>Journal of Colloid Science and Biotechnology</i> , 2015, 4, 117-132.	0.2	0

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37	Elastic Properties of a Swollen PAAm-NIPA Copolymer with Various NIPA Contents. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 834-839.	1.9	7
38	Spectroscopic study of film formation from polystyrene latex/TiO <sub>2</sub> nanocomposites prepared by dip-coating method. <i>Polymer Engineering and Science</i> , 2014, 54, 288-302.	1.5	5
39	Gelation of PAAm-PVP composites: A fluorescence study. <i>International Journal of Modern Physics B</i> , 2014, 28, 1450122.	1.0	4
40	Effect of multiwalled carbon nanotube (MWNT) on the behavior of swelling of polyacrylamide/MWNT composites. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 1199-1206.	1.6	13
41	Fluorescence study of film formation from PS/Al <sub>2</sub> O <sub>3</sub> nanocomposites. <i>Progress in Organic Coatings</i> , 2014, 77, 1554-1561.	1.9	1
42	Cation Effect on Slow Release from Alginate Beads: A Fluorescence Study. <i>Journal of Fluorescence</i> , 2014, 24, 161-167.	1.3	14
43	Polymer/carbon nanotube composite film formation: A fluorescence study. <i>Polymer Composites</i> , 2014, 35, 817-826.	2.3	5
44	Effect of Calcium Ion Concentration on Small Molecule Desorption from Alginate Beads. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 1157-1167.	0.4	6
45	A regional near-surface high frequency spectral attenuation ( $\kappa$ ) model for northwestern Turkey. <i>Soil Dynamics and Earthquake Engineering</i> , 2014, 65, 113-125.	1.9	17
46	Group behaviour in physical, chemical and biological systems. <i>Journal of Biosciences</i> , 2014, 39, 177-189.	0.5	2
47	Study of film formation from PS latex/TiO <sub>2</sub> nanocomposites; Effect of latex size and TiO <sub>2</sub> content. <i>Polymer Composites</i> , 2014, 35, 2376-2389.	2.3	3
48	Investigation of Drying of Poly(N-isopropylacrylamide-co-acrylamide) by Fluorescence Technique. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	1
49	Oxygen Diffusion into Multiwalled Carbon Nanotube Doped Polystyrene Latex Films Using Fluorescence Technique. <i>Journal of Fluorescence</i> , 2013, 23, 357-366.	1.3	6
50	Superelastic percolation network of polyacrylamide (PAAm)- $\kappa$ carrageenan ( $\beta$ C) composite. <i>Cellulose</i> , 2013, 20, 1145-1151.	2.4	12
51	A bat-inspired algorithm for structural optimization. <i>Computers and Structures</i> , 2013, 128, 77-90.	2.4	118
52	Investigation of PSt-MWCNT concentration on epoxyacrylate photopolymerization and conductivity of polymer films. <i>Progress in Organic Coatings</i> , 2013, 76, 944-949.	1.9	8
53	Fluorescence quenching method for monitoring oxygen diffusion into PS/CNT composite films. <i>Progress in Organic Coatings</i> , 2013, 76, 1805-1809.	1.9	5
54	Electrical, optical and fluorescence percolations in P(VAc-co-BuA)/MWCNT composite films. <i>Phase Transitions</i> , 2013, 86, 1017-1032.	0.6	5

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55	Drying of polyacrylamide-multiwalled carbon nanotube (MWNT) composites with various MWNTs contents: a fluorescence study. <i>Journal of Polymer Engineering</i> , 2013, 33, 33-39.	0.6	6
56	A MATHEMATICAL DESCRIPTION OF THE CRITICAL POINT IN PHASE TRANSITIONS. <i>International Journal of Modern Physics C</i> , 2013, 24, 1350065.	0.8	10
57	The Effect of Film Thickness and Content on Film Formation from PS/ Nanocomposites Prepared by Dip-Coating Method. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-17.	1.5	3
58	Monitoring the gelation of polyacrylamide-sodium alginate composite by fluorescence technique. <i>Phase Transitions</i> , 2012, 85, 530-541.	0.6	18
59	Elastic percolation of swollen polyacrylamide (PAAm)-multiwall carbon nanotubes composite. <i>Phase Transitions</i> , 2012, 85, 553-564.	0.6	14
60	GELATION MECHANISMS. <i>Modern Physics Letters B</i> , 2012, 26, 1230019.	1.0	14
61	Application of epidemic models to phase transitions. <i>Phase Transitions</i> , 2012, 85, 1009-1017.	0.6	11
62	Monitoring of dynamical processes in PAAm-MWNTs composites by fluorescence method. <i>Advanced Composite Materials</i> , 2012, 21, 193-208.	1.0	7
63	Temperature dependence of oxygen diffusion into polymer/carbon nanotube composite films. <i>Polymer Engineering and Science</i> , 2012, 52, 172-179.	1.5	5
64	Diffusion energies of oxygen diffusing into polystyrene (PS)/poly( <i>N</i> -isopropylacrylamide) composites. <i>Polymers for Advanced Technologies</i> , 2012, 23, 776-782.	1.6	4
65	Sorption and Desorption of PVA-Pyrene Chains in and out of Agarose Gel. <i>Journal of Fluorescence</i> , 2012, 22, 1073-1080.	1.3	7
66	Producing critical exponents from gelation for various photoinitiator concentrations; a photo differential scanning calorimetric study. <i>Progress in Organic Coatings</i> , 2012, 74, 181-185.	1.9	16
67	Temperature effect on the swelling of PAAm-chitosan carrageenan composites. <i>Journal of Applied Polymer Science</i> , 2012, 123, 1746-1754.	1.3	6
68	Effect of LCST on the swelling of PAAm-NIPA copolymers: a fluorescence study. <i>Polymer Bulletin</i> , 2012, 68, 223-238.	1.7	7
69	PAAm-Kappa Carrageenan Composites: Drying and Swelling with Various Kappa Carrageenan Contents. <i>Acta Physica Polonica A</i> , 2012, 121, 169-171.	0.2	4
70	Modelling of Swelling by the Fluorescence Technique in Kappa Carrageenan Gels. <i>AIP Conference Proceedings</i> , 2011, . .	0.3	3
71	Critical phenomenon during photoinitiated gelation at different temperatures: A Photo-DSC study. <i>Progress in Organic Coatings</i> , 2011, 72, 763-768.	1.9	9
72	The Role of Pyranine in Characterization of PAAm- $\beta$ C Composites by Using Fluorescence Technique. <i>Journal of Fluorescence</i> , 2011, 21, 865-871.	1.3	1

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73	Drying of Polyacrylamide Composite Gels Formed with Various Kappa- Carrageenan Content. Journal of Fluorescence, 2011, 21, 1531-1537.	1.3	5
74	Thermal Phase Transitions of Agarose in Various Compositions: A Fluorescence Study. Journal of Fluorescence, 2011, 21, 1871-1877.	1.3	7
75	Fluorescence study on drying of $\lambda^1$ -carrageenan gels at different temperatures prepared with various CaCl <sub>2</sub> content. Polymer Bulletin, 2011, 66, 529-539.	1.7	2
76	Film formation of poly (methyl methacrylate) latex with pyrene functional poly (divinylbenzene) microspheres prepared by click chemistry. Polymer Composites, 2011, 32, 869-881.	2.3	3
77	Studies on drying and swelling of PAAm- $\lambda^1$ -NIPA composites in various compositions. Polymer Composites, 2011, 32, 928-936.	2.3	4
78	Study of thermal phase transitions in iota carrageenan gels via fluorescence technique. Journal of Applied Polymer Science, 2011, 121, 2652-2661.	1.3	6
79	Percolation and Film Formation Behaviors of MWNT/PS Nanocomposites. Procedia Engineering, 2011, 10, 1709-1717.	1.2	5
80	Gelation, Electrical Conductivity and Elasticity of PAM- MWNT. Materials Research Society Symposia Proceedings, 2011, 1312, 1.	0.1	1
81	Swelling Kinetics of PAAm- $\lambda^1$ -Carrageenan Composites: A Fluorescence Technique. Journal of Macromolecular Science - Physics, 2011, 50, 1591-1604.	0.4	0
82	Comparison of cation effects on phase transitions of kappa and iota carrageenan. E-Polymers, 2010, 10, .	1.3	2
83	Drying process in vapor swollen heterogels. Polymer Bulletin, 2010, 64, 667-676.	1.7	0
84	Electrical and optical percolations of polystyrene latex- $\lambda^1$ -multiwalled carbon nanotube composites. Journal of Colloid and Interface Science, 2010, 344, 395-401.	5.0	81
85	Temperature dependence of oxygen diffusion into clay-doped PS films. Polymer Composites, 2010, 31, 77-82.	2.3	5
86	Particle size effect on the film-forming process of PS/PBA composite latexes. Polymer Composites, 2010, 31, 1637-1652.	2.3	8
87	Thermal Phase Transitions of IOTA Carrageenan in CaCl <sub>2</sub> Solutions: A Fluorescence Study. Journal of Macromolecular Science - Physics, 2010, 50, 306-318.	0.4	1
88	THE EFFECT OF SURFACES ON THE ORIENTATIONAL PROPERTIES AND PHASE TRANSITIONS PECULIARITIES OF A NONPOLAR SMECTOGEN. International Journal of Modern Physics B, 2010, 24, 4305-4323.	1.0	7
89	Conductivity percolation of carbon nanotubes (CNT) in polystyrene (PS) latex film. Canadian Journal of Chemistry, 2010, 88, 267-276.	0.6	21
90	Critical Exponents of Gelation and Conductivity in Polyacrylamide Gels Doped by Multiwalled Carbon Nanotubes. Composite Interfaces, 2010, 17, 301-318.	1.3	22

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91	Film formation of nano-sized hard latex (PS) in soft polymer matrix (PBA): An excimer study. <i>Polymer Composites</i> , 2010, 31, 1611-1619.	2.3	11
92	Polymer-ceramic nanocomposites. , 2009, , .		1
93	Synergistic effect of the locust bean gum on the thermal phase transitions of $\lambda$ -carrageenan gels. <i>Food Hydrocolloids</i> , 2009, 23, 451-459.	5.6	41
94	A fluorescence study on swelling of hydrogels (PAAm) at various cross-linker contents. <i>Advances in Polymer Technology</i> , 2009, 28, 215-223.	0.8	15
95	In situ steady state fluorescence (SSF) technique to study drying of PAAm hydrogels made of various cross-linker contents. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 600-605.	1.8	14
96	Oxygen diffusion into polystyrene-bentonite films. <i>Applied Clay Science</i> , 2009, 43, 447-452.	2.6	10
97	Critical Exponents of Kappa Carrageenan in the Coil-Helix and Helix-Coil Hysteresis Loops. <i>Journal of Macromolecular Science - Physics</i> , 2009, 48, 812-822.	0.4	18
98	Critical Exponents of Photoinitiated Gelation at Different Light Intensities. <i>Journal of Macromolecular Science - Physics</i> , 2009, 48, 745-754.	0.4	15
99	Steady state fluorescence technique for studying phase transitions in PAAm-PNIPA mixture. <i>Phase Transitions</i> , 2009, 82, 53-65.	0.6	11
100	Critical Exponents of Thermal Phase Transitions of $\lambda$ -Carrageenan in Various Salt Solutions. <i>Macromolecular Symposia</i> , 2009, 281, 160-167.	0.4	2
101	Phase Transitions in Pure and Hybrid Hydrogels: A Fluorescence Study. <i>Macromolecular Symposia</i> , 2009, 281, 150-159.	0.4	0
102	Oxygen Diffusion into Polymer-Clay Composite Films as a Function of Clay Content and Temperature. <i>Macromolecular Symposia</i> , 2009, 281, 168-173.	0.4	4
103	Reversible film formation from PS doped PNIPAM particles in various compositions. <i>Polymer Composites</i> , 2008, 29, 179-186.	2.3	5
104	Poly (styrene) latex/modified Na-activated bentonite nanocomposite films: A fluorescence study. <i>Applied Clay Science</i> , 2008, 42, 39-49.	2.6	7
105	Cation effect on gel sol transition of kappa carrageenan. <i>Polymer Bulletin</i> , 2008, 60, 569-579.	1.7	13
106	Swelling of iota-carrageenan gels prepared with various CaCl <sub>2</sub> content: A fluorescence study. <i>E-Polymers</i> , 2008, 8, .	1.3	3
107	Slow Release of Trapped Homopolymers from a Swelling Polymeric Gel: A Fluorescence Study. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 942-954.	0.4	6
108	Universality in gelation of epoxy acrylate with various photoinitiators: a photo differential scanning calorimetric study. <i>Phase Transitions</i> , 2008, 81, 935-947.	0.6	10

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109	Effect of annealing rate on film formation from poly(vinyl acetate) latex particles. Composite Interfaces, 2008, 15, 19-33.	1.3	1
110	Film formation from PS latex doped PNIPAM hydrogels at various heating and cooling rates. Composite Interfaces, 2008, 15, 411-424.	1.3	6
111	In situ Fluorescence Study of Swelling, Sorption and Desorption Processes in and out of PAAm Gels. Macromolecular Symposia, 2008, 265, 100-110.	0.4	1
112	Temperature Effect on Drying and Swelling of Kappa Carrageenan Gels: A Steady State Fluorescence Study. Macromolecular Symposia, 2008, 265, 37-48.	0.4	2
113	Cation effects on phase transition of kappa-iota-carrageenan hybrids: a photon transmission study. Composite Interfaces, 2007, 14, 1-19.	1.3	3
114	Film formation from TiO <sub>2</sub> -polystyrene latex composite: a fluorescence study. Composite Interfaces, 2007, 14, 243-260.	1.3	9
115	Universality of sol-gel phase transition of kappa-carrageenan in various salts: a steady state fluorescence study. Phase Transitions, 2007, 80, 799-812.	0.6	4
116	Studying On The Small Molecule Diffusion Into Hydrogels: A Fluorescence Study. AIP Conference Proceedings, 2007, , .	0.3	0
117	Monovalent and Divalent Cation Effects on Phase Transitions of Iota-carrageenan. Journal of Bioactive and Compatible Polymers, 2007, 22, 42-61.	0.8	13
118	Drying of PAAm Hydrogels at Various Temperatures: A Fluorescence Study. Journal of Macromolecular Science - Physics, 2007, 46, 581-590.	0.4	6
119	SORPTION AND SLOW RELEASE KINETICS OF PAAM GELS AT VARIOUS TEMPERATURES. Journal of Polymer Engineering, 2007, 27, .	0.6	3
120	Study of Drying of Iota-Carrageenan Gel at Various Temperatures Using a Fluorescence Technique. Drying Technology, 2007, 26, 101-107.	1.7	14
121	Small Molecule Sorption and Desorption in and Out of Iota-Carrageenan Gels. Journal of Macromolecular Science - Physics, 2007, 46, 705-715.	0.4	2
122	Small Molecule Diffusion into Swelling Iota-Carrageenan Gels: A Fluorescence Study. Journal of Biomolecular Structure and Dynamics, 2007, 24, 505-513.	2.0	4
123	Swelling activation energy of Iota-carrageenan in its gel state: A fluorescence study. Journal of Applied Polymer Science, 2007, 106, 4164-4168.	1.3	8
124	A photon transmission study for film formation from poly(vinyl acetate) latex particles with different molecular weights. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2918-2925.	2.4	3
125	Study on swelling of hydrogels (PAAm) at various temperatures by using fluorescence technique. Journal of Materials Science, 2007, 42, 8481-8488.	1.7	15
126	Universal Behaviour of Gel Formation from Acrylamide-Carrageenan Mixture Around the Gel Point: A Fluorescence Study. Journal of Biomolecular Structure and Dynamics, 2006, 24, 83-90.	2.0	20



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127	The effect of clay particles on film formation from polystyrene latex. <i>Polymer Composites</i> , 2006, 27, 299-308.	2.3	11
128	Film formation from nano-sized polystyrene latex covered with various TiO <sub>2</sub> layers. <i>Polymer Composites</i> , 2006, 27, 651-659.	2.3	10
129	Monitoring small molecule diffusion into hydrogels at various temperatures by fluorescence technique. <i>International Journal of Pharmaceutics</i> , 2006, 326, 7-12.	2.6	10
130	Critical behavior of thermal phase transitions of iota-carrageenan in CaCl <sub>2</sub> solution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 367, 69-78.	1.2	1
131	Reordering of polystyrene gel due to multiple swelling in organic vapor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 394-400.	2.0	0
132	Ceramic encapsulated latex composites. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 457-463.	5.0	2
133	Vapor-induced film formation from low- particles for different solvent compositions. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 520-524.	5.0	5
134	Film formation stages for poly(vinyl acetate) latex particles: a photon transmission study. <i>Colloid and Polymer Science</i> , 2006, 284, 1097-1105.	1.0	11
135	Reversible film formation from nano-sized PNIPAM particles below glass transition. <i>Colloid and Polymer Science</i> , 2006, 285, 423-430.	1.0	8
136	Effects of annealing on morphology of polymer/polymer (PS/PMMA) blend; a fluorescence study. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2104-2110.	1.3	4
137	Small molecule desorption prior to dissolution of a polymeric glass. <i>Journal of Applied Polymer Science</i> , 2006, 101, 908-912.	1.3	0
138	Phase transitions of $\hat{I}^{\circ}$ -carrageenan gels in various types of salts. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3008-3016.	1.3	36
139	Study on critical behaviour in N-isopropyl acrylamide gels by using fluorescence technique. <i>Phase Transitions</i> , 2006, 79, 921-933.	0.6	5
140	Small molecule desorption from a swelling polymeric glass in polymer solution: Energy transfer method. <i>Materials Chemistry and Physics</i> , 2005, 92, 269-273.	2.0	2
141	Film formation from pure and mixed latices; transient fluorescence study. <i>Journal of Colloid and Interface Science</i> , 2005, 291, 405-410.	5.0	3
142	Time evolution of film formation from polystyrene particles: a percolation approach. <i>Colloid and Polymer Science</i> , 2005, 284, 309-316.	1.0	5
143	Films formed from polystyrene latex/clay composites: A fluorescence study. <i>Journal of Coatings Technology Research</i> , 2005, 2, 565-575.	1.2	7
144	Film formation from nano-sized polystyrene latex particles. <i>Polymers for Advanced Technologies</i> , 2005, 16, 405-412.	1.6	10

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145	Fluorescence study on Al <sub>2</sub> O <sub>3</sub> -polystyrene latex composite film formation. <i>Polymer Composites</i> , 2005, 26, 352-360.	2.3	3
146	Comparison of gel swelling under organic vapor and in organic solvent. <i>International Journal of Photoenergy</i> , 2005, 7, 37-43.	1.4	2
147	Determination of pre-gelation and post-gelation activation energies during free radical crosslinking copolymerization. <i>Composite Interfaces</i> , 2005, 12, 395-410.	1.3	2
148	Dissolution of Al <sub>2</sub> O <sub>3</sub> -polystyrene latex composites: a fluorescence study. <i>Composite Interfaces</i> , 2005, 12, 411-423.	1.3	0
149	Universal behaviour of glass transition exponents in various polymeric systems. <i>Composite Interfaces</i> , 2005, 12, 501-521.	1.3	6
150	Fluorescence Methods for Latex Film Formation. <i>ACS Symposium Series</i> , 2005, , 137-165.	0.5	0
151	Synthesis and Liquid Crystalline Behavior of Random Copolymer of Poly(ethylene oxide) Macromonomer and Liquid Crystalline Monomer by the Photon Transmission Technique. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005, 42, 1573-1588.	1.2	1
152	COMPARISON OF CRITICAL PARAMETERS OF POLYMERIZATION AND GELATION PROCESSES: A FAST TRANSIENT FLUORESCENCE STUDY. <i>International Journal of Modern Physics B</i> , 2005, 19, 971-987.	1.0	3
153	Molecular alignment during gel formation from methyl methacrylate: An excimer fluorescence study. <i>Phase Transitions</i> , 2005, 78, 387-400.	0.6	1
154	Percolation approach to film formation from surfactant-free polystyrene particles. <i>Phase Transitions</i> , 2005, 78, 593-606.	0.6	4
155	Photon Transmission Study on Conformational Ordering of Iota-Carrageenan in CaCl <sub>2</sub> Solution. <i>Journal of Biomolecular Structure and Dynamics</i> , 2005, 22, 747-754.	2.0	6
156	Molecular recognition during sol-gel and gel-sol transition of kappa- $\epsilon$ -iota carrageenan mixtures. <i>Phase Transitions</i> , 2005, 78, 915-926.	0.6	6
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