

Egon Matijevic

List of Publications by Year in descending order

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260
papers

19,267
citations

9786

73
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129
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261
docs citations

261
times ranked

11417
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferric hydrous oxide sols. <i>Journal of Colloid and Interface Science</i> , 1978, 63, 509-524.	9.4	724
2	Preparation and properties of uniform size colloids. <i>Chemistry of Materials</i> , 1993, 5, 412-426.	6.7	672
3	Formation of uniform spherical magnetite particles by crystallization from ferrous hydroxide gels. <i>Journal of Colloid and Interface Science</i> , 1980, 74, 227-243.	9.4	607
4	Preparation of monodispersed metal particles. <i>New Journal of Chemistry</i> , 1998, 22, 1203-1215.	2.8	499
5	Monodispersed metal (hydrous) oxides - a fascinating field of colloid science. <i>Accounts of Chemical Research</i> , 1981, 14, 22-29.	15.6	418
6	Formation of monodispersed spindle-type hematite particles. <i>Journal of Colloid and Interface Science</i> , 1984, 102, 146-151.	9.4	417
7	Preparation of highly concentrated stable dispersions of uniform silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 75-81.	9.4	387
8	Mechanism of Formation of Monodispersed Colloids by Aggregation of Nanosize Precursors. <i>Journal of Colloid and Interface Science</i> , 1999, 213, 36-45.	9.4	373
9	Uniform inorganic colloid dispersions. Achievements and challenges. <i>Langmuir</i> , 1994, 10, 8-16.	3.5	366
10	Preparation and properties of monodispersed colloidal particles of lanthanide compounds. <i>Journal of Colloid and Interface Science</i> , 1987, 118, 506-523.	9.4	342
11	Surface and colloid chemistry of clays. <i>Chemical Reviews</i> , 1974, 74, 385-400.	47.7	299
12	Production of Monodispersed Colloidal Particles. <i>Annual Review of Materials Research</i> , 1985, 15, 483-516.	5.5	281
13	Stability of colloidal silica. <i>Journal of Colloid and Interface Science</i> , 1969, 31, 287-296.	9.4	278
14	Model of Formation of Monodispersed Colloids. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11630-11635.	2.6	269
15	Tailoring the particle size of monodispersed colloidal gold. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 146, 139-152.	4.7	268
16	Preparation and properties of uniform coated colloidal particles. VII. Silica on hematite. <i>Journal of Colloid and Interface Science</i> , 1992, 150, 594-598.	9.4	265
17	Preparation of Uniform Needle-Like Aragonite Particles by Homogeneous Precipitation. <i>Journal of Colloid and Interface Science</i> , 1999, 218, 545-553.	9.4	262
18	Monodispersed colloids: art and science. <i>Langmuir</i> , 1986, 2, 12-20.	3.5	254

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19	Preparation and properties of monodispersed colloidal particles of lanthanide compounds. 2. Cerium(IV). Langmuir, 1988, 4, 31-37.	3.5	237
20	Preparation and Properties of Monodispersed Colloidal Particles of Lanthanide Compounds: III, Yttrium(III) and Mixed Yttrium(III)/Cerium(III) Systems. Journal of the American Ceramic Society, 1988, 71, 845-853.	3.8	224
21	Phase transformations of iron oxides, oxohydroxides, and hydrous oxides in aqueous media. Advances in Colloid and Interface Science, 1989, 29, 173-221.	14.7	207
22	Preparation and mechanism of formation of titanium dioxide hydrosols of narrow size distribution. Journal of Colloid and Interface Science, 1977, 61, 302-311.	9.4	205
23	Preparation and Properties of Uniform Coated Inorganic Colloidal Particles. Journal of Colloid and Interface Science, 1993, 160, 288-292.	9.4	199
24	Preparation and the mechanisms of formation of silver particles of different morphologies in homogeneous solutions. Journal of Colloid and Interface Science, 2005, 288, 489-495.	9.4	191
25	Coating of Nanosize Silver Particles with Silica. Journal of Colloid and Interface Science, 2000, 221, 133-136.	9.4	180
26	Preparation of well-defined colloidal particles by thermal decomposition of metal chelates. I. Iron oxides. Journal of Colloid and Interface Science, 1980, 74, 405-422.	9.4	178
27	Paper Whiteners. Journal of Colloid and Interface Science, 1993, 156, 56-65.	9.4	177
28	Encapsulation of Nanosized Silica by in Situ Polymerization of tert-Butyl Acrylate Monomer. Langmuir, 2000, 16, 9031-9034.	3.5	151
29	Aluminum hydrous oxide sols. I. Journal of Inorganic and Nuclear Chemistry, 1973, 35, 3691-3705.	0.5	150
30	Preparation of uniform colloidal dispersions by chemical reactions in aerosols. I. Spherical particles of titanium dioxide. Journal of Colloid and Interface Science, 1979, 68, 308-319.	9.4	146
31	Preparation and Growth Mechanism of Uniform Colloidal Copper Oxide by the Controlled Double-Jet Precipitation. Journal of Colloid and Interface Science, 1997, 186, 193-202.	9.4	143
32	Preparation and properties of monodispersed spherical-colloidal particles of zinc sulphide. Journal of the Chemical Society Faraday Transactions I, 1984, 80, 563.	1.0	141
33	Uniform particles of zinc oxide of different morphologies. Colloids and Surfaces, 1990, 48, 65-78.	0.9	136
34	Preparation and properties of uniform coated colloidal particles. Journal of Colloid and Interface Science, 1990, 138, 534-542.	9.4	135
35	Ferric hydrous oxide sols. 2. Thermodynamics of aqueous hydroxo and sulfato ferric complexes. The Journal of Physical Chemistry, 1977, 81, 1061-1068.	2.9	132
36	Colloid stability and complex chemistry. Journal of Colloid and Interface Science, 1973, 43, 217-245.	9.4	130

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37	Interaction of metal hydrous oxides with chelating agents. 7. Hematite-oxalic acid and -citric acid systems. Langmuir, 1985, 1, 201-206.	3.5	130
38	Preparation and properties of uniform-coated colloidal particles. 6. Titania on zinc oxide. Langmuir, 1991, 7, 2911-2916.	3.5	124
39	Homogeneous Precipitation of Calcium Carbonates by Enzyme Catalyzed Reaction. Journal of Colloid and Interface Science, 2001, 238, 208-214.	9.4	124
40	Formation of monodispersed colloidal cubic haematite particles in ethanol + water solutions. Journal of the Chemical Society Faraday Transactions I, 1982, 78, 2147.	1.0	118
41	Precipitation of cobalt ferrites. Journal of Colloid and Interface Science, 1982, 90, 100-109.	9.4	116
42	Preparation of Aminodextranâ€”CdS Nanoparticle Complexes and Biologically Active Antibodyâ€”Aminodextranâ€”CdS Nanoparticle Conjugates. Langmuir, 2000, 16, 3107-3118.	3.5	116
43	Preparation and particle size analysis of chromium hydroxide hydrosols of narrow size distributions. Journal of Colloid and Interface Science, 1969, 31, 257-262.	9.4	114
44	Chemical mechanical polishing of thermal oxide films using silica particles coated with ceria. Journal of Materials Research, 2002, 17, 2744-2749.	2.6	112
45	Ferric hydrous oxide sols. IV. Preparation of uniform cubic hematite particles by hydrolysis of ferric chloride in alcoholâ€”water solutions. Journal of Colloid and Interface Science, 1981, 84, 274-277.	9.4	110
46	Interactions of metal hydrous oxides with chelating agents. Journal of Colloid and Interface Science, 1983, 92, 479-488.	9.4	110
47	Ferric hydrous oxide sols I. Monodispersed basic iron(III) sulfate particles. Journal of Colloid and Interface Science, 1975, 50, 567-581.	9.4	108
48	Preparation and properties of monodispersed spherical colloidal particles of cadmium sulfide. Journal of Colloid and Interface Science, 1982, 86, 476-484.	9.4	108
49	Adsorption at solid/solution interfaces. 1. Interpretation of surface complexation of oxalic and citric acids with hematite. Langmuir, 1985, 1, 195-201.	3.5	99
50	Copper hydrous oxide sols of uniform particle shape and size. Journal of Colloid and Interface Science, 1973, 44, 95-106.	9.4	98
51	Kinetics of heterocoagulation. Part.2â€”The effect of the discreteness of surface charge. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 2379-2386.	1.7	96
52	Preparation and Characterization of Nanocomposite Thin Films for Optical Devicesâ€”. Industrial & Engineering Chemistry Research, 1996, 35, 2929-2932.	3.7	96
53	Preparation and magnetic properties of uniform hematite platelets. Journal of Colloid and Interface Science, 1990, 137, 546-549.	9.4	95
54	The role of chemical complexing in the formation and stability of colloidal dispersions. Journal of Colloid and Interface Science, 1977, 58, 374-389.	9.4	94

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55	Preparation of uniform zinc oxide colloids by controlled double-jet precipitation. <i>Journal of Materials Chemistry</i> , 1996, 6, 443.	6.7	93
56	Homogeneous Precipitation by Enzyme-Catalyzed Reactions. 2. Strontium and Barium Carbonates. <i>Chemistry of Materials</i> , 2003, 15, 1322-1326.	6.7	93
57	Preparation and properties of uniform coated inorganic colloidal particles. <i>Journal of Colloid and Interface Science</i> , 1988, 126, 243-250.	9.4	92
58	Exchange of Na ⁺ for the silanolic protons of silica. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1971, 33, 1293-1299.	0.5	91
59	Interactions of metal hydrous oxides with chelating agents. <i>Journal of Colloid and Interface Science</i> , 1983, 92, 469-478.	9.4	88
60	Preparation and magnetic properties of monodispersed spindle-type γ -Fe ₂ O ₃ particles. <i>Journal of Colloid and Interface Science</i> , 1985, 107, 199-203.	9.4	87
61	Preparation and properties of uniform mixed and coated colloidal particles. <i>Journal of Materials Science</i> , 1990, 25, 1886-1894.	3.7	87
62	Controlled colloid formation. <i>Current Opinion in Colloid and Interface Science</i> , 1996, 1, 176-183.	7.4	87
63	Nanosize Indium Hydroxide by Peptization of Colloidal Precipitates. <i>Langmuir</i> , 1998, 14, 4397-4401.	3.5	86
64	Colloidal cobalt hydrous oxides. Preparation and properties of monodispersed Co ₃ O ₄ . <i>Journal of Inorganic and Nuclear Chemistry</i> , 1979, 41, 165-172.	0.5	85
65	.zeta.-potentials of silica in water-alcohol mixtures. <i>Langmuir</i> , 1992, 8, 1060-1064.	3.5	85
66	Adsorption of Co ²⁺ ions on spherical magnetite particles. <i>Journal of Colloid and Interface Science</i> , 1983, 92, 303-314.	9.4	84
67	Particle adhesion in model systems. Part 13. "Theory of multilayer deposition. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 1371-1375.	1.7	84
68	Preparation, characterization, and sinterability of well-defined silica/yttria powders. <i>Journal of Materials Research</i> , 1994, 9, 436-450.	2.6	84
69	Model of Controlled Synthesis of Uniform Colloid Particles: Cadmium Sulfide. <i>Langmuir</i> , 2003, 19, 10679-10683.	3.5	84
70	Well-defined colloidal tin(IV) oxide particles. <i>Journal of Materials Research</i> , 1990, 5, 1083-1091.	2.6	83
71	Formation of monodispersed pure and coated spindle-type iron particles. <i>Langmuir</i> , 1988, 4, 26-31.	3.5	77
72	Particle adhesion and removal in model systems. Part 1. "Monodispersed chromium hydroxide on glass. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1979, 75, 65.	1.0	76

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73	Coagulation and reversal of charge of lyophobic colloids by hydrolyzed metal ions. Journal of Colloid and Interface Science, 1966, 22, 68-77.	9.4	75
74	Uniform colloidal zinc compounds of various morphologies. Chemistry of Materials, 1989, 1, 78-82.	6.7	75
75	Zeta potential of anatase (TiO ₂) in mixed solvents. Colloids and Surfaces, 1992, 64, 57-65.	0.9	75
76	Coating of Uniform Inorganic Particles with Polymers. Journal of Colloid and Interface Science, 1995, 170, 275-283.	9.4	72
77	Homogeneous precipitation of spherical colloidal barium titanate particles. Colloids and Surfaces, 1988, 32, 257-274.	0.9	71
78	Preparation and properties of uniformly coated inorganic colloidal particles. 2. Chromium hydrous oxide on hematite. Langmuir, 1988, 4, 38-44.	3.5	71
79	Coating of uniform inorganic particles with polymers: III. Polypyrrole on different metal oxides. Journal of Materials Research, 1995, 10, 1327-1336.	2.6	71
80	Reversible ordered agglomeration of hematite particles due to weak magnetic interactions. Journal of Colloid and Interface Science, 1986, 113, 76-80.	9.4	70
81	Agglomeration in colloidal hematite dispersions due to weak magnetic interactions. Journal of Colloid and Interface Science, 1988, 126, 212-219.	9.4	69
82	Adsorption at solid/solution interfaces. 3. Surface charge and potential of colloidal hematite. Langmuir, 1987, 3, 815-820.	3.5	68
83	Complex chemistry of hydrous chromium(III) oxide sol formation. Journal of Inorganic and Nuclear Chemistry, 1975, 37, 907-912.	0.5	66
84	Heterocoagulation. I. Interactions of monodispersed chromium hydroxide with polyvinyl chloride latex. Journal of Colloid and Interface Science, 1976, 55, 510-524.	9.4	64
85	Preparation of uniform colloidal dispersions by chemical reactions in aerosols ² . spherical particles of aluminum hydrous oxide. Journal of Aerosol Science, 1980, 11, 271-280.	3.8	64
86	Diffusional detachment of colloidal particles from solid/solution interfaces. Advances in Colloid and Interface Science, 1987, 27, 1-42.	14.7	64
87	Preparation of copper compounds of different compositions and particle morphologies. Journal of Materials Research, 1991, 6, 766-777.	2.6	64
88	Formation of uniform colloidal ceria in polyol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 291, 93-100.	4.7	64
89	Particle adhesion in model systems. Part 14. Experimental evaluation of multilayer deposition. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 1377-1381.	1.7	63
90	Influence of ionic and nonionic dextrans on the formation of calcium hydroxide and calcium carbonate particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 186, 23-31.	4.7	63

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91	Zirconium compounds as coatings on polystyrene latex and as hollow spheres. Journal of Materials Chemistry, 1991, 1, 577.	6.7	62
92	The relationship of particle morphology and structure of basic copper(II) compounds obtained by homogeneous precipitation. Journal of Crystal Growth, 1994, 143, 277-286.	1.5	62
93	Preparation and characterization of monodispersed metal hydrous oxide sols. , 1976, , 24-35.		61
94	Heterocoagulation. Part 5. "Adsorption of a carboxylated polymer latex on monodispersed hydrated metal oxides. Journal of the Chemical Society Faraday Transactions I, 1980, 76, 1240.	1.0	61
95	Heterocoagulation II. Interaction energy of two unequal spheres. Journal of Colloid and Interface Science, 1978, 67, 1-9.	9.4	60
96	Magnetic properties of monodispersed submicromic $\gamma\text{-Fe}_2\text{O}_3$ particles. Journal of Applied Physics, 1981, 52, 2493-2495.	2.5	60
97	Well-defined pigments: I. Monodispersed silica-acid dyes systems. Dyes and Pigments, 1991, 17, 323-340.	3.7	59
98	Preparation and properties of uniform coated inorganic colloidal particles. IV. Yttrium basic carbonate and yttrium oxide on hematite. Journal of Colloid and Interface Science, 1988, 126, 645-649.	9.4	58
99	Formation of monodispersed cadmium sulfide particles by aggregation of nanosize precursors. Advances in Colloid and Interface Science, 2003, 100-102, 169-183.	14.7	58
100	Stability of colloidal silica. Journal of Colloid and Interface Science, 1971, 35, 66-76.	9.4	57
101	Aluminum hydrous oxide sols. II. Preparation of uniform spherical particles by hydrolysis of Al sec-butoxide. Journal of Colloid and Interface Science, 1974, 48, 291-301.	9.4	56
102	Interactions of metal hydrous oxides with chelating agents. Journal of Colloid and Interface Science, 1990, 134, 475-485.	9.4	56
103	Preparation and characterization of nanosized zirconium (hydrous) oxide particles. Journal of Materials Research, 1997, 12, 3286-3292.	2.6	56
104	Stability of colloidal silica. IV. The silica-alumina system. Journal of Colloid and Interface Science, 1971, 35, 560-568.	9.4	55
105	Adsorption of Dyes on Nanosize Modified Silica Particles. Journal of Colloid and Interface Science, 1997, 195, 222-228.	9.4	54
106	Preparation of polymer colloids by chemical reactions in aerosols. III. Polyurea and mixed polyurea-metal oxide particles. Journal of Colloid and Interface Science, 1985, 105, 560-569.	9.4	53
107	Optical properties of monodispersed hematite hydrosols. Applied Optics, 1985, 24, 1623.	2.1	52
108	Aluminum hydrous oxide sols. Journal of Colloid and Interface Science, 1978, 66, 447-454.	9.4	51

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109	Thermodynamics and kinetics of aqueous ferric phosphate complex formation. <i>Inorganic Chemistry</i> , 1985, 24, 3290-3297.	4.0	50
110	Colloid and surface properties of clay suspensions. III. Stability of montmorillonite and kaolinite. <i>Journal of Colloid and Interface Science</i> , 1976, 56, 159-167.	9.4	49
111	Preparation and properties of uniform colloidal metal phosphates. <i>Journal of Colloid and Interface Science</i> , 1988, 123, 122-128.	9.4	49
112	Kinetics of heterocoagulation 1. A comparison of theory and experiment. <i>Colloids and Surfaces</i> , 1992, 64, 317-324.	0.9	49
113	Synthesis of CdSe nanoparticles in the presence of aminodextran as stabilizing and capping agent. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 503-507.	9.4	49
114	Interactions of precipitated hematite with preformed colloidal titania dispersions. <i>Journal of Colloid and Interface Science</i> , 1986, 109, 57-68.	9.4	48
115	Growth mechanism of hydrous chromium(III) oxide spherical particles of narrow size distribution. <i>The Journal of Physical Chemistry</i> , 1974, 78, 2621-2625.	2.9	47
116	Particle adhesion and removal in model systems iv. kinetics of detachment of hematite particles from steel. <i>Journal of Colloid and Interface Science</i> , 1981, 83, 289-300.	9.4	47
117	Formation of uniform colloidal mixed cobalt-nickel ferrite particles. <i>Colloids and Surfaces</i> , 1983, 6, 189-201.	0.9	47
118	Coating of Uniform Inorganic Particles with Polymers, I. <i>Journal of Colloid and Interface Science</i> , 1993, 160, 298-303.	9.4	46
119	Kinetics of heterocoagulation. Part 4. Evaluation of absolute coagulation rate constants using a classical light scattering technique. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 167-171.	1.7	46
120	Preparation and Properties of Uniform Coated Inorganic Colloidal Particles. <i>Journal of Colloid and Interface Science</i> , 1997, 192, 104-113.	9.4	46
121	Heterocoagulation. VI. Interactions of a monodispersed hydrous aluminum oxide sol with polystyrene latex. <i>Journal of Colloid and Interface Science</i> , 1980, 76, 319-329.	9.4	45
122	Adsorption of nicotinic, picolinic, and dipicolinic acids on monodispersed sols of γ -Fe ₂ O ₃ and Cr(OH) ₃ . <i>Journal of Colloid and Interface Science</i> , 1981, 80, 74-83.	9.4	45
123	Preparation and Properties of Coated, Uniform, Inorganic Colloidal Particles: I, Aluminum (Hydrous) Oxide on Hematite, Chromia, and Titania. <i>Advanced Ceramic Materials</i> , 1987, 2, 798-803.	2.2	45
124	Adsorption at solid/solution interfaces II. Surface charge and potential of spherical colloidal titania. <i>Colloids and Surfaces</i> , 1986, 19, 375-386.	0.9	44
125	Preparation and properties of uniform colloidal indium compounds of different morphologies. <i>Colloids and Surfaces</i> , 1990, 50, 281-293.	0.9	44
126	Formation and Surface Characteristics of Hydrous Metal Oxide Sols. <i>Journal of the Electrochemical Society</i> , 1973, 120, 893.	2.9	43

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127	Stability and deposition phenomena of monodispersed hematite sols. Journal of Colloid and Interface Science, 1981, 80, 94-106.	9.4	42
128	Adsorption at solid/liquid interfaces. 6. The effect of methanol and ethanol on the ionic equilibria at the hematite/water interface. Langmuir, 1991, 7, 178-184.	3.5	42
129	Preparation of Micrometer Size Budesonide Particles by Precipitation. Journal of Colloid and Interface Science, 2000, 229, 207-211.	9.4	42
130	Colloid and surface properties of clay suspensions. I. Laponite CP. Journal of Colloid and Interface Science, 1974, 48, 417-426.	9.4	41
131	Particle adhesion and removal in model systems. Part 6. Kinetics of deposition of haematite particles on steel. Journal of the Chemical Society Faraday Transactions I, 1983, 79, 65.	1.0	41
132	Microelectrophoresis of silica in mixed solvents of low dielectric constant. Langmuir, 1991, 7, 2066-2071.	3.5	41
133	Zeta potential and surface charge of monodispersed colloidal yttrium(III) oxide and basic carbonate. Journal of Colloid and Interface Science, 1992, 149, 561-568.	9.4	41
134	The use of monodispersed colloids in the polishing of copper and tantalum. Journal of Colloid and Interface Science, 2003, 261, 55-64.	9.4	41
135	Formation and structure of cubic particles of sodium magnesium fluoride (neighborite). Journal of Colloid and Interface Science, 2008, 317, 130-136.	9.4	41
136	Preparation of uniform spherical titania particles coated with polyurea by the aerosol technique. Journal of Colloid and Interface Science, 1987, 120, 135-139.	9.4	40
137	Electrokinetics of uniform colloidal dispersions of chromium hydroxide. Langmuir, 1989, 5, 479-485.	3.5	40
138	Well-defined colloidal pigments. ii: monodispersed inorganic spherical particles containing organic dyes. Dyes and Pigments, 1992, 19, 179-201.	3.7	40
139	Preparation and characterization of well-defined colloidal nickel compounds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1994, 92, 267-275.	4.7	39
140	Interactions of metal hydrous oxides with chelating agents. II. $\hat{\text{I}}\pm\text{-Fe}_2\text{O}_3$ low molecular and polymeric hydroxamic acid species. Journal of Colloid and Interface Science, 1980, 75, 199-211.	9.4	38
141	Preparation of uniform colloidal particles of lead sulfide and of mixed sulfides of cadmium + zinc and cadmium + lead. Colloids and Surfaces, 1985, 16, 1-8.	0.9	38
142	Formation of Magnesium Fluoride Particles of Different Morphologies. Langmuir, 2009, 25, 10534-10539.	3.5	38
143	Fine Particles: Science and Technology. MRS Bulletin, 1989, 14, 18-22.	3.5	37
144	Interactions of metal hydrous oxides with chelating agents. Journal of Colloid and Interface Science, 1989, 131, 567-579.	9.4	37

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145	Continuous precipitation of monodispersed colloidal particles. II. SiO ₂ , Al(OH) ₃ , and BaTiO ₃ . Journal of Materials Research, 1996, 11, 156-161.	2.6	37
146	Preparation of Uniform Colloidal Particles of Salts of Tungstophosphoric Acid. Chemistry of Materials, 1998, 10, 1430-1435.	6.7	37
147	Removal of Humic Acid by Coagulation and Microflotation. Journal - American Water Works Association, 1975, 67, 88-94.	0.3	36
148	Thermodynamics and kinetics of aqueous iron(III) chloride complexes formation. The Journal of Physical Chemistry, 1979, 83, 1689-1695.	2.9	36
149	Uniform particles of pure and silica-coated cholesterol. Journal of Colloid and Interface Science, 2007, 315, 500-511.	9.4	36
150	Preparation of polymer colloids by chemical reactions in aerosols. Journal of Colloid and Interface Science, 1984, 99, 118-127.	9.4	35
151	Double-layer interactions of unequal spheres. Part 1. "The effect of electrostatic attraction with particles of like sign of potential. Journal of the Chemical Society Faraday Transactions I, 1985, 81, 1797.	1.0	35
152	Preparation and characterization of well defined powders and their applications in technology. Journal of the European Ceramic Society, 1998, 18, 1357-1364.	5.7	35
153	Internally Composite Uniform Colloidal Cadmium Sulfide Spheres. Langmuir, 2003, 19, 10673-10678.	3.5	35
154	A method for continuous preparation of uniform colloidal hematite particles. Colloids and Surfaces, 1985, 13, 145-149.	0.9	34
155	Aerosol studies by light scattering. V. Preparation and particle-size distribution of aerosols consisting of particles exhibiting high optical absorption. The Journal of Physical Chemistry, 1967, 71, 514-520.	2.9	33
156	Preparation and characterization of uniform particles of pure and coated metallic copper. Powder Technology, 1990, 63, 265-275.	4.2	33
157	Particle adhesion and removal in model systems. Journal of Colloid and Interface Science, 1982, 89, 9-15.	9.4	32
158	Formation of the surface charge on silica in mixed solvents. Colloid and Polymer Science, 1992, 270, 1046-1048.	2.1	32
159	Preparation and growth kinetics of monodispersed ferric phosphate hydrosols. Colloids and Surfaces, 1987, 22, 97-110.	0.9	30
160	Color effects of uniform colloidal particles of different morphologies packed into films. Applied Optics, 1994, 33, 7275.	2.1	30
161	Colloidal properties of rubber latex. Colloid and Polymer Science, 1968, 225, 33-40.	2.1	29
162	Particle adhesion and removal in model systems "VIII. Chemical Engineering Science, 1983, 38, 1901-1908.	3.8	29

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163	Light Scattering of Monodispersed Polystyrene Latexes*. Journal of the Optical Society of America, 1960, 50, 722.	1.2	28
164	Counterion complexing and sol stability. II. Coagulation effects of aluminum sulfate in acidic solutions. The Journal of Physical Chemistry, 1969, 73, 1484-1487.	2.9	28
165	Precipitation and recrystallization of uniform CuCl particles formed by aggregation of nanosize precursors. Colloid and Polymer Science, 2003, 281, 754-759.	2.1	28
166	Preparation of polymer colloids by chemical reactions in aerosols. I. Poly(p-tertiarybutylstyrene). Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 961-967.	0.8	27
167	Deposition and detachment studies of fine particles by the packed column technique. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 165, 59-78.	4.7	27
168	Stabilization of lyophobic colloids by hydrolyzed metal ions. Discussions of the Faraday Society, 1966, 42, 187.	0.9	26
169	Interactions of colloidal dispersions with electrolytes. Environmental Science & Technology, 1969, 3, 264-268.	10.0	26
170	Preparation and characterization of uniform submicrometer metal niobate particles: Part II. Magnesium niobate and potassium niobate. Journal of Materials Research, 1992, 7, 912-918.	2.6	26
171	Precipitation and characterization of colloidal copper hydrous oxide sols. Journal of Inorganic and Nuclear Chemistry, 1973, 35, 1883-1893.	0.5	25
172	Preparation of colloidal magnesium-aluminum-silicates by hydrolysis of a mixed alkoxide. Ceramics International, 1990, 16, 157-163.	4.8	25
173	Preparation and properties of uniform coated inorganic colloidal particles 9. Titania on copper compounds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1993, 81, 153-159.	4.7	25
174	Effects of mixed abrasives in chemical mechanical polishing of oxide films. Journal of Materials Research, 2003, 18, 2323-2330.	2.6	25
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