

Petros G Koutsoukos

List of Publications by Year in descending order

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147
papers

4,728
citations

87888

38
h-index

118850

62
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149
all docs

149
docs citations

149
times ranked

4694
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot-scale hybrid system combining hydrodynamic cavitation and sedimentation for the decolorization of industrial inks and printing ink wastewater. <i>Journal of Environmental Management</i> , 2022, 302, 114108.	7.8	7
2	Water chemistry and its role in industrial water systems. , 2022, , 3-12.		0
3	Treatment of printing ink wastewater using a continuous flow electrocoagulation reactor. <i>Journal of Environmental Management</i> , 2022, 314, 115033.	7.8	12
4	In vitro calcification studies on bioprosthetic and decellularized heart valves under quasi-physiological flow conditions. <i>Bio-Design and Manufacturing</i> , 2021, 4, 10-21.	7.7	4
5	Mineral Scaling in the Presence of Oilâ€“Water Interfaces Combined with the Substrateâ€™s Wettability Effect: From Batch to Microfluidic Experiments. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8244-8254.	3.7	2
6	The Protection of Building Materials of Historical Monuments with Nanoparticle Suspensions. <i>Heritage</i> , 2021, 4, 3970-3986.	1.9	2
7	Calcification Assessment of Bioprosthetic Heart Valve Tissues Using an Improved<i>In Vitro</i> Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2453-2461.	4.2	14
8	Surfaceâ€“enhanced Raman scattering as a tool to study cationic surfactants exhibiting low critical micelle concentration. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 452-460.	2.5	10
9	Mineral Scaling in Microchips: Effect of Substrate Wettability on CaCO₃ Precipitation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20201-20210.	3.7	6
10	Decellularized tissue-engineered heart valves calcification: what do animal and clinical studies tell us?. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 132.	3.6	23
11	A novel anticalcification treatment strategy for bioprosthetic valves and review of the literature. <i>Journal of Cardiac Surgery</i> , 2019, 34, 895-900.	0.7	5
12	<i>Acinetobacter baumannii</i> Deactivation by Means of DBD-Based Helium Plasma Jet. <i>Plasma</i> , 2019, 2, 77-90.	1.8	22
13	Precipitation of Calcium Carbonate (CaCO₃) in Waterâ€“Monoethylene Glycol Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4732-4743.	3.7	14
14	Deterioration of Monument Building Materials: Mechanistic Models as Guides for Conservation Strategies. <i>Communications in Computer and Information Science</i> , 2019, , 456-469.	0.5	0
15	Calcitonin as an anticalcification treatment for implantable biological tissues. <i>Journal of Cardiology</i> , 2019, 73, 179-182.	1.9	3
16	Physicochemical characterization of sterilized muds for pharmaceuticals/cosmetics applications. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1449-1464.	3.4	12
17	The effect of heparin hydrogel embedding on glutaraldehyde fixed bovine pericardial tissues: Mechanical behavior and anticalcification potential. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 175.	3.6	8
18	Nucleation and crystal growth of barium sulfate: inhibition in the presence of rigid and flexible triphosphonate additives. <i>CrystEngComm</i> , 2018, 20, 6589-6601.	2.6	16

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19	Anticalcification potential of heparin on hydroxyapatite seeds using a constant composition in vitro model. <i>Journal of Crystal Growth</i> , 2018, 498, 399-404.	1.5	1
20	Struvite precipitation and COD reduction in a two-step treatment of olive mill wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 730-735.	3.2	7
21	Phosphorus recovery from simulated municipal wastewater (<sc>SMW</sc>) through the crystallization of magnesium ammonium phosphate hexahydrate (<sc>MAP</sc>). <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 2075-2082.	3.2	3
22	Crystal growth of aragonite in the presence of phosphate. <i>Journal of Crystal Growth</i> , 2017, 458, 44-52.	1.5	32
23	Heterogeneous crystallization of calcium hydrogen phosphate anhydrous (monetite). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 125-135.	4.7	12
24	Biological properties of mud extracts derived from various spa resorts. <i>Environmental Geochemistry and Health</i> , 2017, 39, 821-833.	3.4	21
25	Calcification of Hydrophilic Acrylic Intraocular Lenses With a Hydrophobic Surface: Laboratory Analysis of 6 Cases. <i>American Journal of Ophthalmology</i> , 2016, 168, 68-77.	3.3	42
26	Precipitation of Calcium Carbonate in Porous Media in the Presence of <i>n</i> -Dodecane. <i>Crystal Growth and Design</i> , 2016, 16, 6874-6884.	3.0	13
27	Precipitation of sparingly soluble salts in packed sandbeds in the presence of miscible and immiscible organic substances. <i>Crystal Research and Technology</i> , 2016, 51, 167-177.	1.3	7
28	The inhibition of crystal growth of mirabilite in aqueous solutions in the presence of phosphonates. <i>Journal of Crystal Growth</i> , 2016, 436, 92-98.	1.5	6
29	Experimental Investigation of Calcium Carbonate Precipitation and Crystal Growth in One- and Two-Dimensional Porous Media. <i>Crystal Growth and Design</i> , 2016, 16, 359-370.	3.0	28
30	Energy-efficient thermal treatment of sewage sludge for its application in blended cements. <i>Journal of Cleaner Production</i> , 2016, 112, 409-419.	9.3	99
31	Removal of U(VI) from Aquatic Systems, Using Winery By-Products as Biosorbents: Equilibrium, Kinetic, and Speciation Studies. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	14
32	Evaluation of maleic acid based polymers as scale inhibitors and dispersants for industrial water applications. <i>Desalination</i> , 2014, 335, 55-63.	8.2	105
33	Organized Silica Films Generated by Evaporation-Induced Self-Assembly as Hosts for Iron Oxide Nanoparticles. <i>Materials</i> , 2013, 6, 1467-1484.	2.9	6
34	A Combined Coagulation/Flocculation and Membrane Filtration Process for the Treatment of Paint Industry Wastewaters. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15456-15462.	3.7	29
35	Crystal growth of calcium phosphates from aqueous solutions in the presence of strontium. <i>Chemical Engineering Science</i> , 2012, 77, 157-164.	3.8	27
36	Detachment strength of human osteoblasts cultured on hydroxyapatite with various surface roughness. Contribution of integrin subunits. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1489-1498.	3.6	17

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37	The Calcium Phosphate-Calcium Carbonate System: Growth of Octacalcium Phosphate on Calcium Carbonates. <i>Crystal Growth and Design</i> , 2011, 11, 1683-1688.	3.0	20
38	Calcite Reinforced Silica-Silica Joints in the Biocomposite Skeleton of Deep-Sea Glass Sponges. <i>Advanced Functional Materials</i> , 2011, 21, 3473-3481.	14.9	43
39	Sand consolidation with calcium phosphate-polyelectrolyte composites. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 145-156.	9.4	13
40	Adsorption of atrazine from aqueous electrolyte solutions on humic acid and silica. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 277-285.	9.4	37
41	In Vivo Calcification of Glutaraldehyde-Fixed Cardiac Valve and Pericardium of <i>Phoca groenlandica</i> . <i>ASAIO Journal</i> , 2011, 57, 328-332.	1.6	7
42	Novel composite materials from functionalized polymers and silver coated titanium oxide capable for calcium phosphate induction, control of orthopedic biofilm infections: an <i>in vitro</i> study. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2201-2211.	3.6	14
43	Spontaneous precipitation of calcium silicate hydrate in aqueous solutions. <i>Crystal Research and Technology</i> , 2010, 45, 39-47.	1.3	17
44	Crystal Growth and Dissolution of Calcite in the Presence of Fluoride Ions: An Atomic Force Microscopy Study. <i>Crystal Growth and Design</i> , 2010, 10, 60-69.	3.0	30
45	Modern Views on Desilicification: Biosilica and Abiotic Silica Dissolution in Natural and Artificial Environments. <i>Chemical Reviews</i> , 2010, 110, 4656-4689.	47.7	215
46	Development of a New Combined Test Setup for Accelerated Dynamic pH-Controlled <i>in vitro</i> Calcification of Porcine Heart Valves. <i>International Journal of Artificial Organs</i> , 2009, 32, 794-801.	1.4	8
47	Incorporation of Mg ²⁺ , Sr ²⁺ , Ba ²⁺ and Zn ²⁺ into aragonite and comparison with calcite. <i>Journal of Mathematical Chemistry</i> , 2009, 46, 484-491.	1.5	25
48	Application of Anodic Stripping Voltammetry for Zinc, Copper, and Cadmium Quantification in the Aqueous Humor: Implications of Pseudoexfoliation Syndrome. <i>Biological Trace Element Research</i> , 2009, 132, 9-18.	3.5	11
49	Controlled Precipitation of Sparingly Soluble Phosphate Salts Using Enzymes. II. Precipitation of Struvite. <i>Crystal Growth and Design</i> , 2009, 9, 4642-4652.	3.0	6
50	Controlled Precipitation of Sparingly Soluble Phosphate Salts Using Enzymes. I. Controlled Development of Solution Supersaturation in Situ. <i>Crystal Growth and Design</i> , 2008, 8, 1390-1398.	3.0	7
51	An Atomic Force Microscopy study of the growth of calcite in the presence of sodium sulfate. <i>Chemical Geology</i> , 2008, 253, 243-251.	3.3	56
52	Macro- to nanoscale study of the effect of aqueous sulphate on calcite growth. <i>Mineralogical Magazine</i> , 2008, 72, 141-144.	1.4	2
53	Membrane Filtration of Olive Mill Wastewater and Exploitation of Its Fractions. <i>Water Environment Research</i> , 2007, 79, 421-429.	2.7	62
54	Precipitation of Calcium Phosphate from Simulated Milk Ultrafiltrate Solutions. <i>Crystal Growth and Design</i> , 2007, 7, 25-29.	3.0	37

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55	The Effect of Citrate and Phosphocitrate On Struvite Spontaneous Precipitation. <i>Crystal Growth and Design</i> , 2007, 7, 2705-2712.	3.0	52
56	Solubility of salts in water: Key issue for crystal growth and dissolution processes. <i>Pure and Applied Chemistry</i> , 2007, 79, 825-850.	1.9	29
57	Heterogeneous nucleation and growth of calcium carbonate on calcite and quartz. <i>Journal of Colloid and Interface Science</i> , 2007, 308, 421-428.	9.4	105
58	The Interaction of Diphosphonates with Calcitic Surfaces: Understanding the Inhibition Activity in Marble Dissolution. <i>Langmuir</i> , 2006, 22, 2074-2081.	3.5	18
59	Calcium Phosphate Overgrowth on Silicate Sand. <i>Crystal Growth and Design</i> , 2006, 6, 675-683.	3.0	11
60	In Vitro Evaluation for Potential Calcification of Biomaterials Used for Staple Line Reinforcement in Lung Surgery. <i>Experimental Biology and Medicine</i> , 2006, 231, 1712-1717.	2.4	5
61	Adsorption of atrazine on soils: Model study. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 88-94.	9.4	56
62	Calcium sulfate precipitation in the presence of water-soluble polymers. <i>Journal of Colloid and Interface Science</i> , 2006, 303, 164-170.	9.4	64
63	Spontaneous Precipitation of Struvite from Synthetic Wastewater Solutions. <i>Crystal Growth and Design</i> , 2005, 5, 489-496.	3.0	94
64	Inorganic coatings for the protection of marble surfaces from deterioration. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2005, 11, 161-168.	0.7	2
65	Screening biomaterials with a new in vitro method for potential calcification: Porcine aortic valves and bovine pericardium. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 699-704.	3.6	19
66	Study of Copper Sulfide Crystallization in PEO~SDS Solutions. <i>Langmuir</i> , 2004, 20, 5605-5612.	3.5	22
67	Assessment of Encrustations on Polyurethane Ureteral Stents. <i>Journal of Endourology</i> , 2004, 18, 550-556.	2.1	21
68	Kinetics of dissolution of powdered Pentelic marble in undersaturated solutions: the role of particle characteristics. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 287-292.	9.4	1
69	The Calcitic Marble/Water Interface: Kinetics of Dissolution and Inhibition with Potential Implications in Stone Conservation. <i>Langmuir</i> , 2003, 19, 5691-5699.	3.5	23
70	Variability of Dissolution Rates at Constant Undersaturation. <i>Journal of Colloid and Interface Science</i> , 2002, 253, 185-189.	9.4	4
71	Functionalization of synthetic polymers for potential use as biomaterials: selective growth of hydroxyapatite on sulphonated polysulphone. <i>Biomaterials</i> , 2002, 23, 947-953.	11.4	16
72	Physicochemical and microscopical study of calcific deposits from natural and bioprosthetic heart valves. Comparison and implications for mineralization mechanism. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 885-889.	3.6	57

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73	Model Studies of the Effect of Orthophospho-l-serine on Biological Mineralization. <i>Langmuir</i> , 2001, 17, 866-872.	3.5	19
74	The 14th Conference of the European Colloid and Interface Society. <i>Applied Rheology</i> , 2001, 11, 42-42.	5.2	0
75	Model Studies on the Interaction of Amino Acids with Biominerals: The Effect of L-Serine at the Hydroxyapatite-Water Interface. <i>Journal of Colloid and Interface Science</i> , 2001, 236, 260-265.	9.4	42
76	Dissolution Effects on Specific Surface Area, Particle Size, and Porosity of Pentelic Marble. <i>Journal of Colloid and Interface Science</i> , 2001, 239, 483-488.	9.4	12
77	Encrustation of a Metal Alloy Urinary Stent: A Mechanistic Investigation. <i>European Urology</i> , 2000, 38, 144-150.	1.9	1
78	Sandbed Consolidation with Mineral Precipitation. <i>Journal of Colloid and Interface Science</i> , 2000, 232, 326-339.	9.4	23
79	Spontaneous precipitation of struvite from aqueous solutions. <i>Journal of Crystal Growth</i> , 2000, 213, 381-388.	1.5	271
80	Dissolution of Pentelic Marble at Alkaline pH. <i>Langmuir</i> , 2000, 16, 7263-7267.	3.5	8
81	Wettability of CaCO ₃ surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 157, 333-340.	4.7	25
82	The Overgrowth of Calcium Carbonate on Poly(vinyl chloride-co-vinyl acetate-co-maleic acid). <i>Langmuir</i> , 1999, 15, 8322-8327.	3.5	183
83	Calculation of Zeta Potential from Electrokinetic Measurements on Titania Plugs. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 85-90.	9.4	11
84	Physicochemical Characteristics of Mixed Copper-Cadmium Sulfides Prepared by Coprecipitation. <i>Langmuir</i> , 1999, 15, 8018-8024.	3.5	8
85	Study of the electrochemical behaviour of the 7075 aluminum alloy in the presence of sodium oxalate. <i>Corrosion Science</i> , 1999, 41, 941-957.	6.6	24
86	Properties of Cu(II) and Ni(II) Sulfides Prepared by Coprecipitation in Aqueous Solution. <i>Langmuir</i> , 1999, 15, 7940-7946.	3.5	4
87	Formation of Calcium Phosphates in Aqueous Solutions in the Presence of Carbonate Ions. <i>Langmuir</i> , 1999, 15, 6557-6562.	3.5	51
88	Role of Temperature in the Spontaneous Precipitation of Calcium Sulfate Dihydrate. <i>Langmuir</i> , 1999, 15, 1534-1540.	3.5	89
89	The transformation of vaterite to calcite: effect of the conditions of the solutions in contact with the mineral phase. <i>Journal of Crystal Growth</i> , 1998, 191, 783-790.	1.5	216
90	Kinetics of calcium sulfate formation in aqueous media: effect of organophosphorus compounds. <i>Journal of Crystal Growth</i> , 1998, 193, 156-163.	1.5	55

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91	Preparation and Characterization of Manganese Oxidic Mesoporous Particles Obtained via the Trinuclear $[Mn_3O(CH_3COO)_6(pyr)_3]ClO_4$ Complex. <i>Journal of Colloid and Interface Science</i> , 1998, 202, 301-312.	9.4	12
92	Kinetics of Precipitation of Calcium Carbonate in Alkaline pH at Constant Supersaturation. Spontaneous and Seeded Growth. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6679-6684.	2.6	197
93	Crystal Growth of Pyrite in Aqueous Solutions. Inhibition by Organophosphorus Compounds. <i>Langmuir</i> , 1998, 14, 1250-1255.	3.5	52
94	Preparation and Characterization of Cu(II), Zn(II) Sulfides Obtained by Spontaneous Precipitation in Electrolyte Solutions. <i>Langmuir</i> , 1998, 14, 5298-5304.	3.5	8
95	Preparation and characterization of anatase powders. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 295-300.	1.7	38
96	Electronic Properties of Passive Films Grown on Al 7075 in Solutions Containing Oxalate and Chromate. <i>Corrosion</i> , 1997, 53, 562-571.	1.1	18
97	Quantitative Analysis of Sulfated Calcium Carbonates Using Raman Spectroscopy and X-ray Powder Diffraction. <i>Analyst, The</i> , 1997, 122, 33-38.	3.5	39
98	Morphology and Structure of $CaCO_3$ Scale Layers Formed under Isothermal Flow Conditions. <i>Langmuir</i> , 1997, 13, 2873-2879.	3.5	54
99	Use of Raman Spectroscopy for the Quantitative Analysis of Calcium Oxalate Hydrates: Application for the Analysis of Urinary Stones. <i>Applied Spectroscopy</i> , 1997, 51, 64-67.	2.2	41
100	Urinary Stone Layer Analysis of Mineral Components by Raman Spectroscopy, IR Spectroscopy, and X-ray Powder Diffraction: A Comparative Study. <i>Applied Spectroscopy</i> , 1997, 51, 1205-1209.	2.2	24
101	Raman spectroscopy: A tool for the quantitative analysis of mineral components of solid mixtures. The case of calcium oxalate monohydrate and hydroxyapatite. <i>Vibrational Spectroscopy</i> , 1997, 15, 53-60.	2.2	35
102	Model experimental system for investigation of heart valve calcification in vitro. , 1997, 38, 183-190.		29
103	Nucleation kinetics of $\hat{\mu}$ -caprolactam melts in the presence of water impurity. <i>Journal of Crystal Growth</i> , 1997, 171, 538-542.	1.5	4
104	Calcium carbonate deposit formation under isothermal conditions. <i>Canadian Journal of Chemical Engineering</i> , 1996, 74, 911-919.	1.7	58
105	Precipitation of strontium sulfate in aqueous solutions at $25^\circ C$. <i>Journal of Crystal Growth</i> , 1995, 155, 240-246.	1.5	19
106	Quantitative analysis of impurities in $\hat{\mu}$ -caprolactam by Raman spectroscopy. <i>Analyst, The</i> , 1995, 120, 347-350.	3.5	5
107	Sol-Gel Derived TiO_2 Microemulsion Gels and Coatings. <i>Langmuir</i> , 1994, 10, 1684-1689.	3.5	51
108	The importance of the solution pH in electrochemical studies of aluminum in aqueous media containing chloride. <i>Corrosion Science</i> , 1994, 36, 1011-1025.	6.6	21

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109	The use of radioanalytical methods in nucleation and crystal growth studies. The barium sulphate system. Applied Radiation and Isotopes, 1993, 44, 894-896.	1.5	3
110	The crystallization of calcium carbonate in artificial seawater; role of the substrate. Journal of Crystal Growth, 1993, 133, 13-22.	1.5	46
111	Radioanalytical monitoring of the formation of barium sulfate in aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 1993, 173, 23-36.	1.5	1
112	Inhibition of hydroxyapatite formation in aqueous solutions by zinc and 1,2-dihydroxy-1,2-bis(dihydroxyphosphonyl)ethane. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 965.	1.7	25
113	Unsupported molybdena catalysts: precipitation, characterization and catalytic activity. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 3645.	1.7	6
114	The precipitation of calcium carbonate in artificial seawater at sustained supersaturation. Environmental Technology (United Kingdom), 1992, 13, 73-80.	2.2	21
115	Spontaneous precipitation of barium sulfate in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 3063.	1.7	11
116	Mechanism of adsorption of cobalt(2+) and nickel(2+) ions on the "pure and fluorinated .gamma.-alumina/electrolyte solution" interface. Langmuir, 1992, 8, 1736-1743.	3.5	46
117	The inhibition of calcium carbonate precipitation in aqueous media by organophosphorus compounds. Journal of Colloid and Interface Science, 1992, 153, 537-551.	9.4	119
118	Crystallization of hydroxyapatite on polymers. Langmuir, 1991, 7, 1822-1826.	3.5	105
119	Effect of various bis(sulfonamides) on the crystal growth of hydroxyapatite. Langmuir, 1991, 7, 1542-1545.	3.5	13
120	Regulation of the sorptive capacity of oxides used as catalyst carriers. Colloids and Surfaces, 1991, 55, 297-308.	0.9	8
121	The growth of sparingly soluble salts on polymeric substrates. Colloids and Surfaces, 1991, 53, 197-208.	0.9	21
122	The precipitation of calcium carbonate in aqueous solutions. Colloids and Surfaces, 1991, 53, 241-255.	0.9	66
123	Fluorinated hydrotreatment catalysts: Promotion of the catalytic activity of unsupported MoS ₂ by doping with F ⁻ ions. Reaction Kinetics and Catalysis Letters, 1991, 45, 277-281.	0.6	5
124	Spontaneous precipitation of calcium sulfate at conditions of sustained supersaturation. Journal of Colloid and Interface Science, 1991, 143, 299-308.	9.4	38
125	Calcium carbonate scale formation and prevention in a flow-through system at various temperatures. Desalination, 1990, 78, 403-416.	8.2	35
126	Phosphate adsorption at the porous glass/water and SiO ₂ /water interfaces. Journal of Colloid and Interface Science, 1990, 134, 299-304.	9.4	14

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127	The precipitation of cadmium sulphide in aqueous solutions. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 973.	1.7	5
128	In vitro calcification: effect of molecular variables of the phospholipid molecule. Langmuir, 1990, 6, 535-538.	3.5	17
129	Crystal growth of polycrystalline .alpha.-cadmium sulfide on conducting polymers. Langmuir, 1990, 6, 1356-1359.	3.5	12
130	An inexpensive device for the measurements of particle size distribution. Journal of Chemical Education, 1990, 67, 356.	2.3	1
131	Precipitation of calcium sulfate dihydrate at constant calcium activity. Journal of Crystal Growth, 1989, 98, 480-486.	1.5	38
132	Calcium Carbonate Scale Formation on Heated Metal Surfaces. Geothermics, 1989, 18, 83-88.	3.4	31
133	The crystallization of vaterite on cholesterol. Journal of Colloid and Interface Science, 1989, 127, 273-280.	9.4	42
134	The effect of magnetic fields on calcium carbonate scale formation. Journal of Crystal Growth, 1989, 96, 802-806.	1.5	32
135	The growth of calcium phosphate on ceramic surfaces. Journal of Materials Science, 1989, 24, 999-1004.	3.7	14
136	Effect of fatty acyl and cation content of cardiolipins on in vitro calcification. Langmuir, 1989, 5, 157-160.	3.5	25
137	The crystallization of calcium carbonate on polymeric substrates. Journal of Crystal Growth, 1988, 89, 287-294.	1.5	80
138	Crystallization of calcite on collagen type I. Langmuir, 1988, 4, 907-910.	3.5	38
139	Precipitation of calcium carbonate in aqueous solutions in the presence of oxalate anions. Langmuir, 1988, 4, 855-861.	3.5	47
140	The crystallization of calcite in the presence of orthophosphate. Journal of Colloid and Interface Science, 1987, 116, 423-430.	9.4	92
141	Determination of the point of zero charge, surface acidity constants, and relative concentration of the charged surface groups of $\hat{\text{I}}^3$ -aluminas used as carriers. Langmuir, 1986, 2, 281-283.	3.5	32
142	The Remineralization of Fluoride-treated Bovine Enamel Surfaces. Journal of Dental Research, 1982, 61, 1094-1098.	5.2	4
143	The Kinetics of Mineralization of Human Dentin in vitro. Journal of Dental Research, 1981, 60, 1922-1928.	5.2	14
144	The Mineralization of Enamel Surfaces. A Constant Composition Kinetics Study. Journal of Dental Research, 1981, 60, 1783-1792.	5.2	14

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145	Epitaxial considerations in urinary stone formation. II. The oxalate-phosphate system. Investigative Urology, 1981, 18, 358-63.	0.2	13
146	Epitaxial considerations in urinary stone formation. I. The urate-oxalate-phosphate system. Investigative Urology, 1980, 18, 178-84.	0.2	6
147	Application of Thermally Treated Sewage Sludge in Blended Cements. Advanced Materials Research, 0, 905, 191-194.	0.3	3