Victoria Salvado

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2955607/publications.pdf

Version: 2024-02-01

87888 133252 4,330 123 38 59 citations h-index g-index papers 125 125 125 4413 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Zooplankton-based reactors for tertiary wastewater treatment: A pilot-scale case study. Journal of Environmental Management, 2021, 278, 111538.	7.8	7
2	Detection of SARS-CoV-2 Infection in Human Nasopharyngeal Samples by Combining MALDI-TOF MS and Artificial Intelligence. Frontiers in Medicine, 2021, 8, 661358.	2.6	23
3	Valorisation of Pine Cone as an Efficient Biosorbent for the Removal of Pb(II), Cd(II), Cu(II), and Cr(VI). Adsorption Science and Technology, 2021, 2021, 1-12.	3.2	12
4	Advanced technologies for removing triclosan from wastewater: a state-of-the-art review. , 2021, , 327-351.		0
5	Vermifilter and zooplankton-based reactor integration as a nature-based system for wastewater treatment and reuse. Case Studies in Chemical and Environmental Engineering, 2021, 4, 100153.	6.1	5
6	Assessment of zooplankton-based eco-sustainable wastewater treatment at laboratory scale. Chemosphere, 2020, 238, 124683.	8.2	15
7	A Polydimethylsiloxane Rod Extraction-Based Method for the Determination of Pharmaceuticals and Triclosan by Liquid Chromatography in Water Samples. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 107-113.	2.7	1
8	Synergistic effects of water temperature, microplastics and ammonium as second and third order stressors on Daphnia magna. Environmental Pollution, 2020, 267, 115439.	7. 5	26
9	Evaluation of Olive Stones for Cd(II), Cu(II), Pb(II) and Cr(VI) Biosorption from Aqueous Solution: Equilibrium and Kinetics. International Journal of Environmental Research, 2020, 14, 193-204.	2.3	32
10	A novel Cyphos IL 104-based polymer inclusion membrane (PIM) probe to mimic biofilm zinc accumulation. Science of the Total Environment, 2020, 715, 136938.	8.0	14
11	Optimal light conditions for Daphnia filtration. Science of the Total Environment, 2019, 686, 151-157.	8.0	18
12	Rapid discrimination of multiple myeloma patients by artificial neural networks coupled with mass spectrometry of peripheral blood plasma. Scientific Reports, 2019, 9, 7975.	3.3	24
13	EU Horizon 2020 Research for A Sustainable Future: INNOQUA—A Nature-Based Sanitation Solution. Water (Switzerland), 2019, 11, 2461.	2.7	8
14	Design of a Hollow Fiber Supported Liquid Membrane System for Zn Speciation in Natural Waters. Membranes, 2018, 8, 88.	3.0	4
15	Triclosan, carbamazepine and caffeine removal by activated sludge system focusing on membrane bioreactor. Chemical Engineering Research and Design, 2018, 118, 1-9.	5.6	66
16	Applicability of a Supported Liquid Membrane in the Enrichment and Determination of Cadmium from Complex Aqueous Samples. Membranes, 2018, 8, 21.	3.0	9
17	Granulated cork as biosorbent for the removal of phenol derivatives and emerging contaminants. Journal of Environmental Management, 2018, 223, 576-585.	7.8	50
18	A sensitive multi-residue method for the determination of 35 micropollutants including pharmaceuticals, iodinated contrast media and pesticides in water. Analytical and Bioanalytical Chemistry, 2016, 408, 6189-6200.	3.7	22

#	Article	IF	CITATIONS
19	The Identification and Quantification of Suberin Monomers of Root and Tuber Periderm from Potato (<i>Solanum tuberosum</i>) as Fatty Acyl <i>tert</i> -Butyldimethylsilyl Derivatives. Phytochemical Analysis, 2016, 27, 326-335.	2.4	20
20	The influence of Lemna sp. and Spirogyra sp. on the removal of pharmaceuticals and endocrine disruptors in treated wastewaters. International Journal of Environmental Science and Technology, 2015, 12, 2327-2338.	3.5	37
21	Two polydimethylsiloxane rod extraction methods for the sensitive determination of phenolic compounds in water samples. Journal of Separation Science, 2014, 37, 3706-3713.	2.5	3
22	The ability of biologically based wastewater treatment systems to remove emerging organic contaminants—a review. Environmental Science and Pollution Research, 2014, 21, 11708-11728.	5.3	166
23	Determination of pharmaceutical compounds in sewage sludge using a standard addition method approach. International Journal of Environmental Analytical Chemistry, 2014, 94, 1199-1209.	3.3	19
24	The influence of light exposure, water quality and vegetation on the removal of sulfonamides and tetracyclines: A laboratory-scale study. Chemosphere, 2013, 90, 2297-2302.	8.2	52
25	Knowledge of Iranian Women about Warning Signs and Risk Factors for Breast Cancer. Procedia, Social and Behavioral Sciences, 2013, 93, 343-348.	0.5	7
26	Evaluation of a coagulation/flocculation-lamellar clarifier and filtration-UV-chlorination reactor for removing emerging contaminants at full-scale wastewater treatment plants in Spain. Journal of Environmental Management, 2013, 117, 96-102.	7.8	52
27	Application of polydimethylsiloxane rod extraction to the determination of sixteen halogenated flame retardants in water samples. Analytica Chimica Acta, 2013, 770, 85-93.	5.4	12
28	Determination of antibiotics (tetracyclines and sulfonamides) in biosolids by pressurized liquid extraction and liquid chromatography–tandem mass spectrometry. Journal of Chromatography A, 2013, 1298, 68-75.	3.7	55
29	Development of Polymer Inclusion Membranes for the Extraction of Antibiotics from Environmental Waters. Procedia Engineering, 2012, 44, 804-806.	1.2	6
30	Comparison of two extraction methods for the determination of selective serotonin reuptake inhibitors in sewage sludge by hollow fiber liquidâ€phase microextraction. Journal of Separation Science, 2012, 35, 2460-2468.	2.5	15
31	Evaluation of the seasonal performance of a water reclamation pond-constructed wetland system for removing emerging contaminants. Chemosphere, 2012, 86, 111-117.	8.2	123
32	Evaluation of aquatic plants for removing polar microcontaminants: A microcosm experiment. Chemosphere, 2012, 88, 1257-1264.	8.2	142
33	Occurrence and behavior of emerging contaminants in surface water and a restored wetland. Chemosphere, 2012, 88, 1083-1089.	8.2	126
34	Speciation of phosphorus oxoacids in natural and waste water samples. Journal of Chromatography A, 2012, 1231, 16-21.	3.7	13
35	Evaluation of a biologically-based filtration water reclamation plant for removing emerging contaminants: A pilot plant study. Bioresource Technology, 2012, 104, 243-249.	9.6	45
36	Development and characterization of polymer inclusion membranes for the separation and speciation of inorganic As species. Journal of Membrane Science, 2011, 383, 88-95.	8.2	59

#	Article	IF	CITATIONS
37	Transport and separation of arsenate and arsenite from aqueous media by supported liquid and anion-exchange membranes. Separation and Purification Technology, 2011, 80, 428-434.	7.9	28
38	Determination of non-steroidal anti-inflammatory drugs in sewage sludge by direct hollow fiber supported liquid membrane extraction and liquid chromatography–mass spectrometry. Journal of Chromatography A, 2010, 1217, 6153-6158.	3.7	61
39	Modelling of liquid–liquid extraction and liquid membrane separation of arsenic species in environmental matrices. Separation and Purification Technology, 2010, 72, 319-325.	7.9	43
40	Characterisation of alkylamine ethoxylates (ANEOs) in commercial herbicide formulations using liquid chromatography/electrospray ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2931-2937.	1.5	15
41	A simple and efficient method for the determination of pollutant phenols in soils with high levels of organic matter. International Journal of Environmental Analytical Chemistry, 2009, 89, 293-304.	3.3	2
42	Adsorption and Preconcentration of Pd(II), Pt(IV), and Rh(III) using Anionâ€Exchange Solidâ€Phase Extraction Cartridges (SPE). Solvent Extraction and Ion Exchange, 2009, 27, 83-96.	2.0	25
43	Selective transport and removal of Cd from chloride solutions by polymer inclusion membranes. Journal of Membrane Science, 2008, 318, 340-345.	8.2	83
44	Efficient hollow fiber supported liquid membrane system for the removal and preconcentration of Cr(VI) at trace levels. Separation and Purification Technology, 2008, 62, 389-393.	7.9	74
45	Assessment of the matrix effect on the headspace solid-phase microextraction (HS-SPME) analysis of chlorophenols in wines. Journal of Separation Science, 2007, 30, 722-730.	2.5	17
46	Development of a selective optical sensor for Cr(VI) monitoring in polluted waters. Analytica Chimica Acta, 2007, 594, 162-168.	5. 4	25
47	Study of the Sorption and Separation Abilities of Commercial Solidâ€Phase Extraction (SPE) Cartridge Oasis MAX Towards Au(III), Pd(II), Pt(IV), and Rh(III). Solvent Extraction and Ion Exchange, 2006, 24, 931-942.	2.0	23
48	Ethanol/Water Extraction Combined with Solid-Phase Extraction and Solid-Phase Microextraction Concentration for the Determination of Chlorophenols in Cork Stoppers. Journal of Agricultural and Food Chemistry, 2006, 54, 627-632.	5.2	14
49	A preconcentration system using polyamine Metalfix-Chelamine resin for the on-line determination of palladium(II) and platinum(IV) by inductively coupled plasma optical emission spectrometry. Talanta, 2006, 70, 1081-1086.	5.5	42
50	Separation and preconcentration of Cd(II) from chloride solutions using supported liquid membranes systems. Desalination, 2006, 200, $114-116$.	8.2	8
51	Vial position in the determination of chlorophenols in water by solid phase microextraction. Journal of Chromatography A, 2006, 1103, 29-34.	3.7	28
52	Assays on the simultaneous determination and elimination of chloroanisoles and chlorophenols from contaminated cork samples. Journal of Chromatography A, 2006, 1122, 215-221.	3.7	18
53	Sorption of palladium(II), rhodium(III), and platinum(IV) on Fe3O4 nanoparticles. Journal of Colloid and Interface Science, 2006, 301, 402-408.	9.4	151
54	Extraction and Preconcentration of the Herbicide Glyphosate and its Metabolite AMPA Using Anion-Exchange Solid Phases. Mikrochimica Acta, 2006, 153, 203-209.	5.0	21

#	Article	IF	CITATIONS
55	Monitoring of Nutrients, Pesticides, and Metals in Waters, Sediments, and Fish of a Wetland. Archives of Environmental Contamination and Toxicology, 2006, 51, 377-386.	4.1	32
56	Determination of glyphosate and aminomethylphosphonic acid in natural water using the capillary electrophoresis combined with enrichment step. Analytica Chimica Acta, 2005, 540, 3-7.	5.4	78
57	Selective recovery and preconcentration of mercury with a benzoylthiourea-solid supported liquid membrane system. Analytica Chimica Acta, 2005, 547, 255-261.	5.4	65
58	The evaluation of different sorbents for the preconcentration of phenoxyacetic acid herbicides and their metabolites from soils. Journal of Chromatography A, 2005, 1099, 55-63.	3.7	24
59	Migration of 2,4,6-trichloroanisole from cork stoppers to wine. European Food Research and Technology, 2005, 220, 347-352.	3.3	38
60	Natural and anthropogenic origin of chromium, nickel and manganese in groundwater in the Moa region (eastern Cuba). , 2005, , .		0
61	Evaluation of a new solid-phase cartridge for the preconcentration of phenolic compounds in water. Journal of Separation Science, 2004, 27, 613-618.	2.5	17
62	Preconcentration of the herbicide glyphosate and its metabolite AMPA by Immobilised Metal Ion Affinity Chromatography (IMAC). Journal of Separation Science, 2004, 27, 602-606.	2.5	10
63	Preconcentration and determination of priority pollutant phenols in waters at trace levels using a polymeric solid-phase extraction cartridge. Journal of Separation Science, 2004, 27, 1524-1530.	2.5	10
64	Improved coupled-column liquid chromatographic method for the determination of glyphosate and aminomethylphosphonic acid residues in environmental waters. Journal of Chromatography A, 2004, 1035, 153-157.	3.7	64
65	Development of solid-phase extraction and solid-phase microextraction methods for the determination of chlorophenols in cork macerate and wine samples. Journal of Chromatography A, 2004, 1047, 15-20.	3.7	71
66	Relationship between sensory and instrumental analysis of 2,4,6-trichloroanisole in wine and cork stoppers. Analytica Chimica Acta, 2004, 513, 291-297.	5.4	42
67	Comparison of three-stage sequential extraction and toxicity characteristic leaching tests to evaluate metal mobility in mining wastes. Analytica Chimica Acta, 2004, 524, 151-159.	5 . 4	109
68	A Comparison of the Separation Behavior of Some New Coordinating Resins and Commercial Quaternary Ammonium Resins with Reference to Their Separation of Gold(III) and Palladium(II) in Hydrochloric Acid Media. Solvent Extraction and Ion Exchange, 2004, 22, 285-303.	2.0	30
69	Selective enrichment of palladium from spent automotive catalysts by using a liquid membrane system. Journal of Membrane Science, 2003, 223, 39-48.	8.2	58
70	On-line determination of trace levels of palladium by flame atomic absorption spectrometry. Talanta, 2003, 59, 651-657.	5 . 5	39
71	Comparison of nutrient and contaminant fluxes in two areas with different hydrological regimes (Empordà Wetlands, NE Spain). Water Research, 2003, 37, 3034-3046.	11.3	47
72	The speciation of rhodium(III) in hydrochloric acid media by capillary zone electrophoresis. Talanta, 2002, 56, 1061-1071.	5.5	33

#	Article	IF	Citations
73	Capillary Electrophoresis of Water-Soluble Vitamins: An Undergraduate Experiment. The Chemical Educator, 2002, 7, 23-26.	0.0	3
74	Facilitated transport and preconcentration of the herbicide glyphosate and its metabolite AMPA through a solid supported liquid-membrane. Journal of Membrane Science, 2002, 203, 201-208.	8.2	21
75	Liquid–liquid extraction of palladium(II) and gold(III) with N-benzoyl-N′,N′-diethylthiourea and the synthesis of a palladium benzoylthiourea complex. Polyhedron, 2002, 21, 1429-1437.	2.2	64
76	Comparison of micellar and microemulsion electrokinetic chromatography for the analysis of waterand fat-soluble vitamins. Journal of Chromatography A, 2002, 950, 241-247.	3.7	59
77	Evaluation of an extraction method in the determination of the 2,4,6-trichloroanisole content of tainted cork. Journal of Chromatography A, 2002, 953, 207-214.	3.7	57
78	Separation and Concentration of Pd, Pt, and Rh from Automotive Catalytic Converters by Combining Two Hollow-Fiber Liquid Membrane Systems. Industrial & Engineering Chemistry Research, 2002, 41, 1616-1620.	3.7	39
79	Evaluation of Extraction Procedures of Organochlorine Pesticides from Natural Waters and Sediments. International Journal of Environmental Analytical Chemistry, 2001, 81, 243-256.	3.3	11
80	THE CHARACTERISATION OF SILVER SORPTION BY CHELATING RESINS CONTAINING THIOL AND AMINE GROUPS. Solvent Extraction and Ion Exchange, 2001, 19, 315-327.	2.0	20
81	BENZYL(2-METHOXY-3-DIPHENYLPHOSPHINO)PROPYL ETHER AS A CARRIER FOR THE SELECTIVE TRANSPORT OF Pd(II) THROUGH A SOLID SUPPORTED LIQUID MEMBRANE. Solvent Extraction and Ion Exchange, 2001, 19, 329-344.	2.0	6
82	The selective adsorption of gold (III) and palladium (II) on new phosphine sulphide-type chelating polymers bearing different spacer arms. Reactive and Functional Polymers, 2001, 46, 283-291.	4.1	103
83	Synthesised phosphine sulphide-type macroporous polymers for the preconcentration and separation of gold (III) and palladium (II) in a column system. Reactive and Functional Polymers, 2001, 49, 215-224.	4.1	35
84	Simplex Optimisation of a Flow Injection Analysis (Fia) System to Determine Rare Earth Elements (Ree) with Arsenazo III. Analytical Letters, 2000, 33, 553-569.	1.8	6
85	New macroporous polymers for the selective adsorption of gold (III) and palladium (II). I. The synthesis, characterization, and effect of spacers on metal adsorption. Journal of Polymer Science Part A, 2000, 38, 269-278.	2.3	42
86	Separation of some platinum group metal chelates with 8-hydroxyquinoline by various high-performance liquid chromatographic methods. Journal of Chromatography A, 2000, 871, 217-226.	3.7	23
87	Determination of eight water- and fat-soluble vitamins in multi-vitamin pharmaceutical formulations by high-performance liquid chromatography. Journal of Chromatography A, 2000, 870, 207-215.	3.7	214
88	A hollow fiber supported liquid membrane based on Aliquat 336 as a carrier for rhodium(III) transport and preconcentration. Journal of Membrane Science, 2000, 178, 131-139.	8.2	37
89	THE SEPARATION OF Au(III) AND Pd(II) IN HYDROCHLORIC ACID SOLUTIONS BY STRONG ANION TYPE II EXCHANGE RESINS: THE EFFECT OF COUNTER ION CONCENTRATION AND TEMPERATURE. Solvent Extraction and Ion Exchange, 2000, 18, 1199-1217.	2.0	20
90	CHARACTERISATION OF METALFIX-CHELAMINE AND ITS APPLICATION IN PRECIOUS METAL ADSORPTION. Solvent Extraction and Ion Exchange, 2000, 18, 965-979.	2.0	18

#	Article	IF	CITATIONS
91	A Systematic Evaluation of Molecular Recognition Phenomena. 1. Interaction between Phosphates and Nucleotides with Hexaazamacrocyclic Ligands Containing m-Xylylic Spacers. Inorganic Chemistry, 2000, 39, 2986-2999.	4.0	39
92	A Systematic Evaluation of Molecular Recognition Phenomena. 2. Interaction between Phosphates and Nucleotides with Hexaazamacrocyclic Ligands Containing Diethylic Ether Spacers. Inorganic Chemistry, 2000, 39, 3000-3008.	4.0	35
93	The formation of mixed ligand complexes of Fe(III) with phosphoric and citric acids in 0.5 M NaNO3 aqueous solutions. Polyhedron, 1999, 18, 3269-3274.	2.2	18
94	A study of the complex formation between trivalent ions (Al3+, Fe3+) and 2-phosphonobutane-1,2,4-tricarboxylic acid and their industrial applications. Polyhedron, 1999, 18, 3275-3280.	2.2	13
95	Recovery of palladium(II) and gold(III) from diluted liquors using the resin duolite GT-73. Analytica Chimica Acta, 1999, 381, 61-67.	5.4	128
96	Speciation of iridium(IV) in hydrochloric acid medium by means of capillary zone electrophoresis and spectrophotometry. Journal of Chromatography A, 1999, 834, 329-340.	3.7	38
97	EXTRACTION OF NEODYMIUM(III) AT TRACE LEVEL WITH DI(2-ETHYL-HEXYL)PHOSPHORIC ACID IN HEXANE. Solvent Extraction and Ion Exchange, 1999, 17, 455-474.	2.0	33
98	EFFECT OF Y(III) DISTRIBUTION BETWEEN AQUEOUS NITRATE AND ORGANIC D2EHPA SOLUTIONS ON THE Y(III) PRECIPITATION STRIPPING USING OXALIC ACID Solvent Extraction and Ion Exchange, 1999, 17, 277-300.	2.0	15
99	SOLVENT EXTRACTION OF Pt(IV) BY ALIQUAT 336 AND ITS APPLICATION TO A SOLID SUPPORTED LIQUID MEMBRANE SYSTEM. Solvent Extraction and Ion Exchange, 1999, 17, 149-162.	2.0	44
100	Solid-liquid extraction of Au(III) from aqueous chloride solutions by tri-n-dodecylammonium chloride impregnated in amberlite XAD-2 resin. Reactive and Functional Polymers, 1997, 32, 125-130.	4.1	21
101	Chemical pumping of rhodium by a supported liquid membrane containing Aliquat 336 as carrier. Analytica Chimica Acta, 1997, 346, 199-206.	5.4	40
102	SCNâ° effect on the palladium(II) transfer in two and three phases systems using triphenylphosphine sulfide as a carrier. Reactive and Functional Polymers, 1996, 28, 103-109.	4.1	6
103	Solvent extraction of yttrium from chloride media by di(2-ethylhexyl)phosphoric acid in kerosene. Speciation studies and gel formation. Analytica Chimica Acta, 1996, 327, 267-276.	5. 4	42
104	Liquid-liquid and solid-liquid extraction of gold by trioctylmethylammonium chloride (TOMAC1) dissolved in toluene and impregnated on amberlite XAD-2 resin. Hydrometallurgy, 1996, 41, 303-311.	4.3	27
105	Separation of Pd(II) and Cu(II) in chloride solutions on a glycol methacrylate gel derivatized with 8-hydroxyquinoline. Journal of Chromatography A, 1995, 706, 159-166.	3.7	9
106	Adsorption of palladium by glycolmethacrylate chelating resins. Analytica Chimica Acta, 1994, 296, 325-332.	5.4	37
107	New sulphur-containing reagents as carriers for the separation of palladium by solid supported liquid membranes. Hydrometallurgy, 1994, 35, 343-352.	4.3	27
108	Role of SCN \hat{a} in the liquid-liquid extraction of Pd(II) by Kelex 100 in Toluene from aqueous chloride solutions. The equilibrium approach. Analytica Chimica Acta, 1993, 278, 91-97.	5.4	11

#	Article	IF	CITATIONS
109	EXTRACTION OF GOLD(III) FROM HYDROCHLORIC ACID SOLUTIONS BY Tri-n-DODECYLAMMONIUM CHLORIDE IN TOLUENE. ESTIMATION OF THE INTERACTION COEFFICIENT BETWEEN AuCl4and H+ Solvent Extraction and Ion Exchange, 1993, 11, 613-626.	2.0	24
110	The chemistry of iron in biosystemsâ€"V *1Study of complex formation between iron(III) and tartaric acid in alkaline aqueous solutions. Talanta, 1992, 39, 73-76.	5.5	10
111	Liquid-solid extraction of gold(III) from aqueous chloride solutions by macroporous resins impregnated with triisobutyl phosphine sulfide (Cyanex 471). Reactive & Functional Polymers, 1992, 17, 69-73.	0.8	46
112	Study of a Palladium Mass Accelerate Transfer Through a Solid Supported Liquid Membrane Containing Kelex100. Process Metallurgy, 1992, , 1505-1510.	0.1	4
113	Extraction of palladium with tri-isobutylphosphine sulphide (cyanex 471) in toluene from chloride solutions containing thiocyanate. Talanta, 1991, 38, 483-488.	5.5	35
114	Accelerated mass transfer of palladium(II) through a selective solid-supported liquid membrane containing Cyanex 471. Analytica Chimica Acta, 1991, 251, 233-239.	5.4	25
115	Synergistic Effect of Tartaric Acid in the Extraction of Iron(III) from Aqueous Nitrate by Di(2-ethyl) Tj ETQq $1\ 1\ 0.78$	4314 rgB1 1.6	Γ <u>J</u> Overlock
116	The chemistry of iron in biosystemsâ€"IV. Complex formation between iron(III) and 5-sulphosalicylic acid, in aqueous solution. Polyhedron, 1990, 9, 2675-2679.	2.2	8
117	IN TOLUENE Solvent Extraction and Ion Exchange, 1990, 8, 491-502.	2.0	34
118	A Study of the Permeation of Gold(III) Through Cyanex471x Solid Supported Liquid Membranes (SSLM). Analytical Letters, 1989, 22, 2613-2626.	1.8	17
119	The chemistry of iron in biosystems—III. Complex formation between FeIII and malonic acid in aqueous solutions. Polyhedron, 1989, 8, 813-818.	2.2	11
120	The distribution of Fe3+ between aqueous nitrate and organic di(2-ethylhexyl)phosphoric acid (DEHPA)-hexane Solutions. Polyhedron, 1989, 8, 2099-2103.	2.2	4
121	Separation of palladium(II) from aqueous chloride solution using tridodecylammonium chloride in toluene as extractant Analytical Sciences, 1989, 5, 201-205.	1.6	1
122	On the chemistry of iron in biosystems. I. Complex formation between Fe(III) and tartaric acid: a  core + link' mechanism. Inorganica Chimica Acta, 1987, 137, 155-159.	2.4	13
123	New macroporous polymers for the selective adsorption of gold (III) and palladium (II). I. The synthesis, characterization, and effect of spacers on metal adsorption. , 0, .		1