

Tarasankar Pal

List of Publications by Year in descending order

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260
papers

20,951
citations

13087

68
h-index

10724

138
g-index

266
all docs

266
docs citations

266
times ranked

24436
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical aspects of coinage metal nanoparticles for catalysis and spectroscopy. RSC Advances, 2022, 12, 12116-12135.	1.7	9
2	Plasmon Induced Near-Infrared Active Photocatalysts: A Review. Advanced Materials Interfaces, 2022, 9, .	1.9	11
3	Chromism of chemical compounds. Journal of the Indian Chemical Society, 2021, 98, 100073.	1.3	2
4	Ammonium phosphomolybdate [(NH ₄) ₃ PMo ₁₂ O ₄₀] an inorganic ion exchanger for environmental application for purification of dye contaminant wastewater. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113427.	2.0	15
5	Immobilization of size variable Au nanoparticles on surfactant-modified silica and their catalytic application toward 4-nitrophenol reduction: A comparative account of catalysis. Surfaces and Interfaces, 2021, 26, 101423.	1.5	3
6	Organic molecule stabilized bismuth sulfide nanoparticles: A potential system for bistable resistive memory application. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 116, 113787.	1.3	18
7	Chromism of phosphomolybdate-dye moiety: A material for molecular nitrogen and oxygen binding. Catalysis Today, 2020, 348, 230-235.	2.2	3
8	Supported metal and metal oxide particles with proximity effect for catalysis. RSC Advances, 2020, 10, 35449-35472.	1.7	32
9	Ammonium phosphomolybdate: a material for dielectric crossover and resistive switching performance. Nanoscale Advances, 2020, 2, 5343-5351.	2.2	6
10	Benzophenone assisted UV-activated synthesis of unique Pd-nanodendrite embedded reduced graphene oxide nanocomposite: a catalyst for C-C coupling reaction and fuel cell. RSC Advances, 2019, 9, 21329-21343.	1.7	10
11	Noble Metal-Transition Metal Oxides/Hydroxides. , 2019, , 395-430.		3
12	Fabrication of MoS ₂ decorated reduced graphene oxide sheets from solid Mo-precursor for electrocatalytic hydrogen evolution reaction. Electrochimica Acta, 2019, 313, 341-351.	2.6	30
13	The catalytic evaluation of bimetallic Pd-based nanocatalysts supported on ion exchange resin in nitro and alkyne reduction reactions. New Journal of Chemistry, 2019, 43, 7083-7092.	1.4	13
14	Achievement of silver-directed enhanced photophysical properties of gold nanoclusters. New Journal of Chemistry, 2019, 43, 7074-7082.	1.4	6
15	Theoretical Aspects of Synthesis for Controlled Morphological Nanostructures. , 2019, , 7-50.		0
16	Laboratory based synthesis of the pure form of gnanite (BiF ₃) nanoparticles: a potential material for electrochemical supercapacitor application. New Journal of Chemistry, 2019, 43, 18369-18376.	1.4	16
17	Time and temperature dependent formation of hollow gold nanoparticles via galvanic replacement reaction of As(0) and its catalytic application. MRS Communications, 2019, 9, 270-279.	0.8	5
18	Carbon dot-Au(i)Ag(0) assembly for the construction of an artificial light harvesting system. Dalton Transactions, 2018, 47, 3580-3587.	1.6	5

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19	Evolution of Silver-Mediated, Enhanced Fluorescent Au@Ag Nanoclusters under UV Activation: A Platform for Sensing. ACS Omega, 2018, 3, 3463-3470.	1.6	15
20	Fluorescence enhancement via varied long-chain thiol stabilized gold nanoparticles: A study of far-field effect. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 551-560.	2.0	16
21	One-Pot Fabrication of Perforated Graphitic Carbon Nitride Nanosheets Decorated with Copper Oxide by Controlled Ammonia and Sulfur Trioxide Release for Enhanced Catalytic Activity. ACS Omega, 2018, 3, 9318-9332.	1.6	29
22	Micelle confined mechanistic pathway for 4-nitrophenol reduction. Journal of Colloid and Interface Science, 2017, 493, 288-294.	5.0	15
23	Facile Synthesis of Unique Hexagonal Nanoplates of Zn/Co Hydroxy Sulfate for Efficient Electrocatalytic Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 8134-8141.	4.0	53
24	Carbon dot-MnO ₂ FRET system for fabrication of molecular logic gates. Sensors and Actuators B: Chemical, 2017, 246, 716-725.	4.0	26
25	Directional growth of Ag nanorod from polymeric silver cyanide: A potential substrate for concentration dependent SERS signal enhancement leading to melamine detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 402-407.	2.0	7
26	Remarkable Facet Selective Reduction of 4-Nitrophenol by Morphologically Tailored (111) Faceted Cu ₂ O Nanocatalyst. ACS Omega, 2017, 2, 1968-1984.	1.6	101
27	Boron Precursor-Dependent Evolution of Differently Emitting Carbon Dots. Langmuir, 2017, 33, 573-584.	1.6	49
28	Silver Molybdates with Intriguing Morphology and as a Peroxidase Mimic with High Sulfide Sensing Capacity. Crystal Growth and Design, 2017, 17, 295-307.	1.4	25
29	Advance Aqueous Asymmetric Supercapacitor Based on Large 2D NiCo ₂ O ₄ Nanostructures and the rGO@Fe ₃ O ₄ Composite. ACS Omega, 2017, 2, 6576-6585.	1.6	28
30	Silver-induced electronic drift in AgPd bimetallics: rationale for enhanced electrocatalytic activity of ethanol oxidation reaction. New Journal of Chemistry, 2017, 41, 12278-12287.	1.4	10
31	Role of Metal Nanoparticles and Its Surface Plasmon Activity on Nanocomposites for Visible Light-Induced Catalysis. Springer Series on Polymer and Composite Materials, 2017, , 69-105.	0.5	0
32	Bond-Energy-Driven, Low- or High-Angle-Grain-Boundary-Movement-Mediated Synthesis of Porous Se@Te for Use in Water-Splitting Reactions. ACS Applied Materials & Interfaces, 2017, 9, 41818-41826.	4.0	0
33	Solvent Polarity-Dependent Behavior of Aliphatic Thiols and Amines toward Intriguingly Fluorescent AuAgGSH Assembly. ACS Omega, 2017, 2, 8086-8098.	1.6	4
34	An account of doping in carbon dots for varied applications. Natural Resources & Engineering, 2017, 2, 5-12.	0.3	8
35	Bimetallic Nanoparticles: Synthesis and Characterization. , 2017, , 79-96.		0
36	A pH dependent Raman and surface enhanced Raman spectroscopic studies of citrazinic acid aided by theoretical calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 169, 108-115.	2.0	14

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37	Metal Bromide Controlled Interfacial Aromatization Reaction for Shape-Selective Synthesis of Palladium Nanostructures with Efficient Catalytic Performances. <i>Chemistry - A European Journal</i> , 2016, 22, 10017-10027.	1.7	8
38	A new stable Pd-Mn ₃ O ₄ nanocomposite as an efficient electrocatalyst for the hydrogen evolution reaction. <i>Chemical Communications</i> , 2016, 52, 6095-6098.	2.2	43
39	Superb Dye Adsorption and Dye-Sensitized Change in Cu ₂ O-Ag Crystal Faces in the Dark. <i>Journal of Physical Chemistry C</i> , 2016, 120, 21580-21588.	1.5	46
40	Proportion of composition in a composite does matter for advanced supercapacitor behavior. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17440-17454.	5.2	26
41	Enzyme mimicking inorganic hybrid Ni/MnO ₂ for colorimetric detection of uric acid in serum samples. <i>RSC Advances</i> , 2016, 6, 83738-83747.	1.7	31
42	Enlightening surface plasmon resonance effect of metal nanoparticles for practical spectroscopic application. <i>RSC Advances</i> , 2016, 6, 86174-86211.	1.7	201
43	2D materials for renewable energy storage devices: Outlook and challenges. <i>Chemical Communications</i> , 2016, 52, 13528-13542.	2.2	96
44	Fabrication of Nitrogen-Doped Mesoporous-Carbon-Coated Palladium Nanoparticles: An Intriguing Electrocatalyst for Methanol and Formic Acid Oxidation. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1588-1596.	1.7	25
45	Suitable Morphology Makes CoSn(OH) ₆ Nanostructure a Superior Electrochemical Pseudocapacitor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17987-17998.	4.0	58
46	Synergism of gold and silver invites enhanced fluorescence for practical applications. <i>RSC Advances</i> , 2016, 6, 17683-17703.	1.7	47
47	Redox mediated synthesis of hierarchical Bi ₂ O ₃ /MnO ₂ nanoflowers: a non-enzymatic hydrogen peroxide electrochemical sensor. <i>Dalton Transactions</i> , 2016, 45, 4780-4790.	1.6	28
48	Soft template induced phase selective synthesis of Fe ₂ O ₃ nanomagnets: one step towards peroxidase-mimic activity allowing colorimetric sensing of thioglycolic acid. <i>RSC Advances</i> , 2016, 6, 32308-32318.	1.7	34
49	Fabrication of dog-bone shaped Au NR _{core} -Pt/Pd _{shell} trimetallic nanoparticle-decorated reduced graphene oxide nanosheets for excellent electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3765-3776.	5.2	60
50	Enhanced Catalytic Activity of Ag/Rh Bimetallic Nanomaterial: Evidence of an Ensemble Effect. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5457-5467.	1.5	37
51	Hierarchical growth of ZnFe ₂ O ₄ for sensing applications. <i>New Journal of Chemistry</i> , 2016, 40, 1861-1871.	1.4	38
52	A ternary Cu ₂ O-Cu-CuO nanocomposite: a catalyst with intriguing activity. <i>Dalton Transactions</i> , 2016, 45, 3139-3150.	1.6	178
53	One pot synthesis of intriguing fluorescent carbon dots for sensing and live cell imaging. <i>Talanta</i> , 2016, 150, 253-264.	2.9	61
54	Preformed ZnS nanoflower prompted evolution of CuS/ZnS p-n heterojunctions for exceptional visible-light driven photocatalytic activity. <i>New Journal of Chemistry</i> , 2015, 39, 5628-5635.	1.4	67

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55	Au@Pd core-shell nanoparticles-decorated reduced graphene oxide: a highly sensitive and selective platform for electrochemical detection of hydrazine. RSC Advances, 2015, 5, 51690-51700.	1.7	71
56	Aromaticity driven interfacial synthetic strategy for porous platinum nanostructure: An efficient electrocatalyst for methanol and formic acid oxidation. Electrochimica Acta, 2015, 159, 52-60.	2.6	18
57	Biomolecule-mediated CdS-TiO ₂ -reduced graphene oxide ternary nanocomposites for efficient visible light-driven photocatalysis. Dalton Transactions, 2015, 44, 193-201.	1.6	51
58	Surface Plasmon Effect of Cu and Presence of n-p Heterojunction in Oxide Nanocomposites for Visible Light Photocatalysis. Journal of Physical Chemistry C, 2015, 119, 3780-3790.	1.5	75
59	Evolution of tubular copper sulfide nanostructures from copper(i)-metal organic precursor: a superior platform for the removal of Hg(ii) and Pb(ii) ions. RSC Advances, 2015, 5, 12446-12453.	1.7	20
60	Imine (â€“CH=Nâ€“) brings selectivity for silver enhanced fluorescence. Dalton Transactions, 2015, 44, 4370-4379.	1.6	16
61	Faceted metal and metal oxide nanoparticles: design, fabrication and catalysis. Nanoscale, 2015, 7, 14159-14190.	2.8	164
62	Orange-red silver emitters for sensing application and bio-imaging. Dalton Transactions, 2015, 44, 11457-11469.	1.6	17
63	Redox-Mediated Synthesis of a Fe ₃ O ₄ -MnO ₂ Nanocomposite for Dye Adsorption and Pseudocapacitance. Chemistry - an Asian Journal, 2015, 10, 1571-1580.	1.7	27
64	Sensing trace arsenate by surface enhanced Raman scattering using a FeOOH doped dendritic Ag nanostructure. Journal of Materials Chemistry A, 2015, 3, 10254-10257.	5.2	25
65	Nitroarene reduction: a trusted model reaction to test nanoparticle catalysts. Chemical Communications, 2015, 51, 9410-9431.	2.2	634
66	A Gel-Based Approach To Design Hierarchical CuS Decorated Reduced Graphene Oxide Nanosheets for Enhanced Peroxidase-like Activity Leading to Colorimetric Detection of Dopamine. Journal of Physical Chemistry C, 2015, 119, 23790-23800.	1.5	124
67	Facile Synthesis of Bimetallic Au-Pt, Pd-Pt, and Au-Pd Nanostructures: Enhanced Catalytic Performance of Pd-Pt Analogue towards Fuel Cell Application and Electrochemical Sensing. Electrochimica Acta, 2015, 180, 1075-1084.	2.6	51
68	Silver nanoparticle anchored carbon dots for improved sensing, catalytic and intriguing antimicrobial activity. Dalton Transactions, 2015, 44, 20692-20707.	1.6	40
69	Synthesis of multiwall carbon nanotube wrapped Co(OH) ₂ flakes: A high-performance supercapacitor. Applied Surface Science, 2015, 359, 500-507.	3.1	25
70	A two-component hydrogelator from citrazinic acid and melamine: synthesis, intriguing role of reaction parameters and iodine adsorption study. CrystEngComm, 2015, 17, 8119-8129.	1.3	26
71	Mn ₃ O ₄ nanoparticles anchored to multiwall carbon nanotubes: a distinctive synergism for high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 8373-8380.	1.4	34
72	Liquor ammonia mediated V(^v) insertion in thin Co ₃ O ₄ sheets for improved pseudocapacitors with high energy density and high specific capacitance value. Chemical Communications, 2015, 51, 15986-15989.	2.2	52

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73	Intriguing cysteine induced improvement of the emissive property of carbon dots with sensing applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2394-2403.	1.3	29
74	Solid-state transformation of single precursor vanadium complex nanostructures to V_2O_5 and VO_2 : catalytic activity of V_2O_5 for oxidative coupling of 2-naphthol. <i>Dalton Transactions</i> , 2015, 44, 1889-1899.	1.6	24
75	Synthesis of active tin: an efficient reagent for allylation reaction of carbonyl compounds. <i>New Journal of Chemistry</i> , 2015, 39, 1685-1690.	1.4	11
76	Improved photocatalytic activity of ZnO coupled CuO nanocomposites synthesized by reflux condensation method. <i>Journal of Alloys and Compounds</i> , 2015, 625, 362-370.	2.8	130
77	Precursor salt assisted syntheses of high-index faceted concave hexagon and nanorod-like polyoxometalates. <i>Nanoscale</i> , 2015, 7, 708-719.	2.8	12
78	Intriguing Manipulation of Metal-Enhanced Fluorescence for the Detection of Cu^{II} and Cysteine. <i>Chemistry - A European Journal</i> , 2014, 20, 12470-12476.	1.7	13
79	Fabrication of Superhydrophobic Copper Surface on Various Substrates for Roll-off, Self-Cleaning, and Water/Oil Separation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22034-22043.	4.0	119
80	Evolution of amorphous selenium nanoballs in silicone oil and their solvent induced morphological transformation. <i>Chemical Communications</i> , 2014, 50, 15733-15736.	2.2	20
81	Fluorescent $Au@Ag_2/Ag_3$ giant cluster for selective sensing of mercury (Hg^{II}) ion. <i>Dalton Transactions</i> , 2014, 43, 11557.	1.6	37
82	A one pot synthesis of $Au@ZnO$ nanocomposites for plasmon-enhanced sunlight driven photocatalytic activity. <i>New Journal of Chemistry</i> , 2014, 38, 2999.	1.4	91
83	The tuning of metal enhanced fluorescence for sensing applications. <i>Dalton Transactions</i> , 2014, 43, 1032-1047.	1.6	31
84	Hierarchical $Au@CuO$ nanocomposite from redox transformation reaction for surface enhanced Raman scattering and clock reaction. <i>CrystEngComm</i> , 2014, 16, 883-893.	1.3	65
85	Mn Oxide-Silver Composite Nanowires for Improved Thermal Stability, SERS and Electrical Conductivity. <i>Chemistry - A European Journal</i> , 2014, 20, 9111-9119.	1.7	14
86	Tailored "Sandwich" Strategy in Surface Enhanced Raman Scattering: Case Study with <i>p</i> -Phenylenediamine and Application in Femtomolar Detection of Melamine. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28152-28161.	1.5	10
87	Modified hydrothermal reaction (MHT) for $CoV_2O_6 \cdot 4H_2O$ nanowire formation and the transformation to $CoV_2O_6 \cdot 2H_2O$ single-crystals for antiferromagnetic ordering and spin-flop. <i>RSC Advances</i> , 2014, 4, 56977-56983.	1.7	15
88	Redox transformation reaction for hierarchical hollow $Au@MnOOH$ flowers for high SERS activity. <i>RSC Advances</i> , 2014, 4, 30315.	1.7	17
89	Ligand chain length conveys thermochromism. <i>Dalton Transactions</i> , 2014, 43, 11624.	1.6	3
90	Aggregation of nitroaniline in tetrahydrofuran through intriguing H-bond formation by sodium borohydride. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12865.	1.3	1

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91	Tin oxide with a p-n heterojunction ensures both UV and visible light photocatalytic activity. RSC Advances, 2014, 4, 208-211.	1.7	76
92	Intrinsic peroxidase-like activity of mesoporous nickel oxide for selective cysteine sensing. Journal of Materials Chemistry B, 2014, 2, 6097.	2.9	105
93	Deposition of zinc oxide nanomaterial on different substrates for useful applications. CrystEngComm, 2014, 16, 4322.	1.3	11
94	Redox-Switchable Copper(I) Metallogel: A Metal-Organic Material for Selective and Naked-Eye Sensing of Picric Acid. ACS Applied Materials & Interfaces, 2014, 6, 6308-6316.	4.0	137
95	Photoproduced Fluorescent Au(I)@(Ag ₂ /Ag ₃)-Thiolate Giant Cluster: An Intriguing Sensing Platform for DMSO and Pb(II). Langmuir, 2014, 30, 348-357.	1.6	21
96	Serendipitous Synthesis of Ag _{1.92} Mo ₃ O ₁₀ ·H ₂ O Nanowires from AgNO ₃ -Assisted Etching of Ammonium Phosphomolybdate: A Material with High Adsorption Capacity. Crystal Growth and Design, 2014, 14, 5034-5041.	1.4	15
97	Green synthesis of highly fluorescent Au@Ag ₂ /Ag ₃ -thiolate core-shell particles for selective detection of cysteine and Pb(II). Physical Chemistry Chemical Physics, 2014, 16, 18185.	1.3	23
98	Facile synthesis of pyridine intercalated ultra-long V ₂ O ₅ nanowire from commercial V ₂ O ₅ : catalytic applications in selective dye degradation. CrystEngComm, 2014, 16, 7738.	1.3	24
99	Redox-Responsive Copper(I) Metallogel: A Metal-Organic Hybrid Sorbent for Reductive Removal of Chromium(VI) from Aqueous Solution. Langmuir, 2014, 30, 7833-7841.	1.6	77
100	Decoration of Fe ₃ O ₄ Base Material with Pd Loaded CdS Nanoparticle for Superior Photocatalytic Efficiency. Journal of Physical Chemistry C, 2014, 118, 11485-11494.	1.5	36
101	Morphology Controlled Synthesis of SnS ₂ Nanomaterial for Promoting Photocatalytic Reduction of Aqueous Cr(VI) under Visible Light. Langmuir, 2014, 30, 4157-4164.	1.6	171
102	Selective Dopamine Chemosensing Using Silver-Enhanced Fluorescence. Langmuir, 2014, 30, 4120-4128.	1.6	32
103	Mesoporous Gold and Palladium Nanoleaves from Liquid-Liquid Interface: Enhanced Catalytic Activity of the Palladium Analogue toward Hydrazine-Assisted Room-Temperature 4-Nitrophenol Reduction. ACS Applied Materials & Interfaces, 2014, 6, 9134-9143.	4.0	85
104	Account of Nitroarene Reduction with Size- and Facet-Controlled CuO-MnO ₂ Nanocomposites. ACS Applied Materials & Interfaces, 2014, 6, 9173-9184.	4.0	79
105	Silver Nanoparticle Decorated Reduced Graphene Oxide (rGO) Nanosheet: A Platform for SERS Based Low-Level Detection of Uranyl Ion. ACS Applied Materials & Interfaces, 2013, 5, 8724-8732.	4.0	256
106	Benzoin derived reduced graphene oxide (rGO) and its nanocomposite: application in dye removal and peroxidase-like activity. RSC Advances, 2013, 3, 21475.	1.7	34
107	Pure inorganic gel: a new host with tremendous sorption capability. Chemical Communications, 2013, 49, 9428.	2.2	24
108	Green Synthesis and Reversible Dispersion of a Giant Fluorescent Cluster in Solid and Liquid Phase. Langmuir, 2013, 29, 10945-10958.	1.6	29

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109	Morphological Evolution of Two-Dimensional MnO ₂ Nanosheets and Their Shape Transformation to One-Dimensional Ultralong MnO ₂ Nanowires for Robust Catalytic Activity. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23976-23986.	1.5	126
110	Crystal-Plane-Dependent Etching of Cuprous Oxide Nanoparticles of Varied Shapes and Their Application in Visible Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24640-24653.	1.5	49
111	Fabrication of Porous γ -Co(OH) ₂ Architecture at Room Temperature: A High Performance Supercapacitor. <i>Langmuir</i> , 2013, 29, 9179-9187.	1.6	147
112	A facile synthesis of 1D nano structured selenium and Au decorated nano selenium: catalysts for the clock reaction. <i>RSC Advances</i> , 2013, 3, 24313.	1.7	42
113	Robust cubooctahedron Zn ₃ V ₂ O ₈ in gram quantity: a material for photocatalytic dye degradation in water. <i>CrystEngComm</i> , 2013, 15, 6745.	1.3	49
114	Synthesis of gold nanochains via photoactivation technique and their catalytic applications. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 13-21.	5.0	45
115	Synthesis of Highly Fluorescent Silver Clusters on Gold(I) Surface. <i>Langmuir</i> , 2013, 29, 2033-2043.	1.6	54
116	Large-Scale Solid-State Synthesis of Sn ²⁺ /SnO ₂ Nanoparticles from Layered SnO by Sunlight: a Material for Dye Degradation in Water by Photocatalytic Reaction. <i>Environmental Science & Technology</i> , 2013, 47, 2339-2345.	4.6	105
117	Fabrication of a ZnO nanocolumnar thin film on a glass slide and its reversible switching from a superhydrophobic to a superhydrophilic state. <i>RSC Advances</i> , 2013, 3, 5937.	1.7	30
118	Hierarchical Gold Flower with Sharp Tips from Controlled Galvanic Replacement Reaction for High Surface Enhanced Raman Scattering Activity. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24301-24313.	1.5	77
119	Diiminic Schiff Bases: An Intriguing Class of Compounds for a Copper ²⁺ -Nanoparticle ²⁺ -Induced Fluorescence Study. <i>Chemistry - A European Journal</i> , 2012, 18, 15845-15855.	1.7	19
120	Purification of Gold Organosol by Solid Reagent. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9265-9273.	1.5	20
121	Methylene Blue ²⁺ /Cu ₂ O Reaction Made Easy in Acidic Medium. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25741-25747.	1.5	55
122	Selective and Sensitive Recognition of Cu ²⁺ in an Aqueous Medium: A Surface-Enhanced Raman Scattering (SERS)-Based Analysis with a Low-Cost Raman Reporter. <i>Chemistry - A European Journal</i> , 2012, 18, 6335-6342.	1.7	47
123	Morphology controlled uranium oxide hydroxide hydrate for catalysis, luminescence and SERS studies. <i>CrystEngComm</i> , 2011, 13, 2878.	1.3	35
124	Redox Transmetalation of Prickly Nickel Nanowires for Morphology Controlled Hierarchical Synthesis of Nickel/Gold Nanostructures for Enhanced Catalytic Activity and SERS Responsive Functional Material. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1659-1673.	1.5	120
125	CuO Barrier Limited Corrosion of Solid Cu ₂ O Leading to Preferential Transport of Cu(I) Ion for Hollow Cu ₇ S ₄ Cube Formation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12275-12282.	1.5	19
126	The magnetic proximity effect in a ferrimagnetic Fe ₃ O ₄ core/ferrimagnetic γ -Mn ₂ O ₃ shell nanoparticle system. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 506004.	0.7	22

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127	Intriguing Fluorescence Behavior of Diiminic Schiff Bases in the Presence of <i>in situ</i> Produced Noble Metal Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22138-22147.	1.5	24
128	Understanding the Enhancement Mechanisms in the Surface-Enhanced Raman Spectra of the 1,10-Phenanthroline Molecule Adsorbed on a Au@Ag Bimetallic Nanocolloid. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10497-10509.	1.5	37
129	Redox-Switchable Superhydrophobic Silver Composite. <i>Langmuir</i> , 2011, 27, 11629-11635.	1.6	17
130	Fabrication and Functionalization of CuO for Tuning Superhydrophobic Thin Film and Cotton Wool. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20953-20963.	1.5	57
131	Solvent effect on the optical property of uranyl acetylacetonate monohydrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 205-210.	2.0	2
132	Layer-by-Layer Deposition of Silver/Gold Nanoparticles for Catalytic Reduction of Nitroaromatics. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 847-859.	0.9	3
133	Photochemical Green Synthesis of Calcium-Alginate-Stabilized Ag and Au Nanoparticles and Their Catalytic Application to 4-Nitrophenol Reduction. <i>Langmuir</i> , 2010, 26, 2885-2893.	1.6	908
134	Fabrication of Large-Scale Hierarchical ZnO Hollow Spheroids for Hydrophobicity and Photocatalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 7865-7874.	1.7	68
135	Ligand-stabilized metal nanoparticles in organic solvent. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 333-352.	5.0	59
136	Optimizing the SERS activity of 1,10 Phenanthroline molecule adsorbed on Au@Ag core-shell nano colloid. , 2010, , .		0
137	Evolution of Hierarchical Hexagonal Stacked Plates of CuS from Liquid-Liquid Interface and its Photocatalytic Application for Oxidative Degradation of Different Dyes under Indoor Lighting. <i>Environmental Science & Technology</i> , 2010, 44, 6313-6318.	4.6	255
138	An Aminolytic Approach toward Hierarchical $\text{Ni}(\text{OH})_2$ Nanoporous Architectures: A Bimodal Forum for Photocatalytic and Surface-Enhanced Raman Scattering Activity. <i>Inorganic Chemistry</i> , 2010, 49, 8813-8827.	1.9	71
139	Thermodynamic and Kinetics Aspects of Spherical MnO_2 Nanoparticle Synthesis in Isoamyl Alcohol: An Ex Situ Study of Particles to One-Dimensional Shape Transformation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21173-21183.	1.5	26
140	Electrostatic Field Force Directed Gold Nanowires from Anion Exchange Resin. <i>Langmuir</i> , 2010, 26, 17419-17426.	1.6	11
141	High-Yield Synthesis of 1D Rh Nanostructures from Surfactant Mediated Reductive Pathway and their Shape Transformation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16129-16142.	1.5	24
142	Chelate Effect in Surface Enhanced Raman Scattering with Transition Metal Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 439-444.	2.1	15
143	Hierarchical Superparamagnetic Magnetite Nanowafers from a Resin-Bound $[\text{Fe}(\text{bpy})_3]^{2+}$ Matrix. <i>Langmuir</i> , 2010, 26, 5836-5842.	1.6	11
144	Effect of concentration of methanol for the control of particle size and size-dependent SERS studies. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 699-706.	5.0	12

#	ARTICLE	IF	CITATIONS
145	Dopamine Molecules on Au _{core} Ag _{shell} Bimetallic Nanocolloids: Fourier Transform Infrared, Raman, and Surface-Enhanced Raman Spectroscopy Study Aided by Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6989-7002.	1.5	60
146	Room Temperature Ferromagnetic Ni Nanocrystals: An Efficient Transition Metal Platform for Manifestation of Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6022-6032.	1.5	15
147	Alginate Gel-Mediated Photochemical Growth of Mono- and Bimetallic Gold and Silver Nanoclusters and Their Application to Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7553-7560.	1.5	56
148	Reply to "Comment on "Solvent Effect on the Electronic Spectra of Azine Dyes under Alkaline Condition". <i>Journal of Physical Chemistry A</i> , 2009, 113, 9577-9577.	1.1	1
149	A Green Chemistry Approach for the Synthesis of Flower-like Ag-Doped MnO ₂ Nanostructures Probed by Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1386-1392.	1.5	111
150	Photophysical aspects of molecular probes near nanostructured gold surfaces. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3831.	1.3	33
151	Hydroxylation of benzophenone with ammonium phosphomolybdate in the solid state via UV photoactivation. <i>Chemical Communications</i> , 2009, , 7191.	2.2	25
152	New hydrothermal process for hierarchical TiO ₂ nanostructures. <i>CrystEngComm</i> , 2009, 11, 1210.	1.3	47
153	Tin/Indium nanobundle formation from aggregation or growth of nanoparticles. <i>Journal of Nanoparticle Research</i> , 2008, 10, 41-46.	0.8	11
154	Interaction of DNA bases with silver nanoparticles: Assembly quantified through SPRS and SERS. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 288-293.	5.0	139
155	Arsenic removal from real-life groundwater by adsorption on laterite soil. <i>Journal of Hazardous Materials</i> , 2008, 151, 811-820.	6.5	138
156	Nanoparticle-Catalyzed Clock Reaction. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3619-3626.	1.5	49
157	Synthesis of Superparamagnetic γ -MnO ₂ Organosol: a Photocatalyst for the Oxidative Phenol Coupling Reaction. <i>Inorganic Chemistry</i> , 2008, 47, 5558-5560.	1.9	33
158	Exploration of Electrostatic Field Force in Surface-Enhanced Raman Scattering: An Experimental Investigation Aided by Density Functional Calculations. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17862-17876.	1.5	31
159	Controlled Interparticle Spacing for Surface-Modified Gold Nanoparticle Aggregates. <i>Langmuir</i> , 2008, 24, 5562-5568.	1.6	75
160	Gram Level Synthesis of Lead-Free Solder in the Nanometer Length Scale Obtained from Tin and Silver Compounds Using Silicone Oil. <i>Langmuir</i> , 2008, 24, 8991-8997.	1.6	12
161	Resin-Immobilized CuO and Cu Nanocomposites for Alcohol Oxidation. <i>Organic Letters</i> , 2008, 10, 5179-5181.	2.4	57
162	Glutathione-Induced Aggregation of Gold Nanoparticles: Electromagnetic Interactions in a Closely Packed Assembly. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 1904-1910.	0.9	18

#	ARTICLE	IF	CITATIONS
163	Synthesis, Characterization and Catalytic Application of Silver Nanoshell Coated Functionalized Polystyrene Beads. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 2151-2156.	0.9	37
164	Interparticle Coupling Effect on the Surface Plasmon Resonance of Gold Nanoparticles: From Theory to Applications. <i>Chemical Reviews</i> , 2007, 107, 4797-4862.	23.0	2,396
165	Nonaqueous Route for the Synthesis of Copper Organosol from Copper Stearate: An Effective Catalyst for the Synthesis of Octylphenyl Ether. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1612-1619.	1.5	18
166	Light-Induced Hydrolysis of Nitriles by Photoproduced γ -MnO ₂ Nanorods on Polystyrene Beads. <i>Organic Letters</i> , 2007, 9, 2191-2193.	2.4	32
167	Shape-Selective Synthesis, Magnetic Properties, and Catalytic Activity of Single Crystalline γ -MnO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16272-16277.	1.5	92
168	Synthesis of Normal and Inverted Gold-Silver Core-Shell Architectures in γ -Cyclodextrin and Their Applications in SERS. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10806-10813.	1.5	286
169	Solvent Effect on the Electronic Spectra of Azine Dyes under Alkaline Condition. <i>Journal of Physical Chemistry A</i> , 2007, 111, 578-583.	1.1	41
170	Synthesis of Plant-Mediated Gold Nanoparticles and Catalytic Role of Biomatrix-Embedded Nanomaterials. <i>Environmental Science & Technology</i> , 2007, 41, 5137-5142.	4.6	349
171	Synthesis and Size-Selective Catalysis by Supported Gold Nanoparticles: Study on Heterogeneous and Homogeneous Catalytic Process. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4596-4605.	1.5	736
172	Effect of bromide and chloride ions for the dissolution of colloidal gold. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 196-201.	2.0	19
173	Biomolecule induced nanoparticle aggregation: Effect of particle size on interparticle coupling. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 724-734.	5.0	200
174	Dipole-dipole plasmon interactions in self-assembly of gold organosol induced by glutathione. <i>New Journal of Chemistry</i> , 2006, 30, 1333-1339.	1.4	33
175	Layer-by-Layer Deposition of Bimetallic Nanoshells on Functionalized Polystyrene Beads. <i>Inorganic Chemistry</i> , 2006, 45, 1439-1441.	1.9	15
176	Exploitation of Electrostatic Field Force for Immobilization and Catalytic Reduction of o-Nitrobenzoic Acid to Anthranilic Acid on Resin-bound Silver Nanocomposites. <i>Langmuir</i> , 2006, 22, 7091-7095.	1.6	38
177	Cysteine functionalized copper organosol: synthesis, characterization and catalytic application. <i>Nanotechnology</i> , 2006, 17, 5461-5468.	1.3	32
178	Coinage Metals in the Nanometer Length Scale. <i>Materials and Manufacturing Processes</i> , 2006, 21, 315-317.	2.7	2
179	Hexadecylamine capped silver organosol: A substrate for surface enhanced Raman scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 274, 145-149.	2.3	18
180	Synthesis of silver nanoshell-coated cationic polystyrene beads: A solid phase catalyst for the reduction of 4-nitrophenol. <i>Applied Catalysis A: General</i> , 2006, 313, 41-48.	2.2	273

#	ARTICLE	IF	CITATIONS
181	Selective one-pot synthesis of copper nanorods under surfactantless condition. <i>Polyhedron</i> , 2006, 25, 1263-1269.	1.0	92
182	Is Gold Really Softer than Silver? HSAB Principle Revisited. <i>Journal of Nanoparticle Research</i> , 2006, 8, 111-116.	0.8	74
183	Dye micelle aggregate formation for effective photobleaching. <i>Dyes and Pigments</i> , 2006, 69, 177-184.	2.0	23
184	Reduction of methylene blue by thiocyanate: Kinetic and thermodynamic aspects. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 421-427.	5.0	38
185	Self-Assembly of Silver Nanoparticles: Synthesis, Stabilization, Optical Properties, and Application in Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13436-13444.	1.2	123
186	Preparation of nanosized gold particles in a biopolymer using UV photoactivation. <i>Journal of Colloid and Interface Science</i> , 2005, 288, 396-401.	5.0	121
187	Sugar assisted evolution of mono- and bimetallic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 264, 133-138.	2.3	52
188	Studies on the ion-association of methylene blue and salicylic acid in neat and mixed binary solvents. <i>Chemical Physics Letters</i> , 2005, 407, 493-497.	1.2	8
189	Dimerization of eosin on nanostructured gold surfaces: Size regime dependence of the small metallic particles. <i>Chemical Physics Letters</i> , 2005, 412, 5-11.	1.2	28
190	Silver organosol: synthesis, characterisation and localised surface plasmon resonance study. <i>New Journal of Chemistry</i> , 2005, 29, 1527.	1.4	41
191	A convenient approach to synthesize silver nanoshell covered functionalized polystyrene beads: A substrate for surface enhanced Raman scattering. <i>Materials Letters</i> , 2005, 59, 3986-3989.	1.3	20
192	Magnetite nanoparticles with tunable gold or silver shell. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 187-194.	5.0	272
193	Shape-controlled Synthesis of Gold Nanoparticles from Gold(III)-chelates of β^2 -diketones. <i>Journal of Nanoparticle Research</i> , 2005, 7, 641-650.	0.8	15
194	Synthesis and Characterization of N,N-Dimethyldodecylamine-Capped AuCore-Pdshell Nanoparticles in Toluene. <i>Langmuir</i> , 2005, 21, 10405-10408.	1.6	40
195	Size-Selective Synthesis and Stabilization of Gold Organosol in CnTAC: Enhanced Molecular Fluorescence from Gold-Bound Fluorophores. <i>Journal of Physical Chemistry B</i> , 2005, 109, 13166-13174.	1.2	42
196	Synthesis, Characterization, and Optical Properties of AuSe Nanoalloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 1832-1839.	0.9	5
197	Hardened Paste of Portland Cement: A New Low-Cost Adsorbent for the Removal of Arsenic from Water. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 185-202.	0.9	9
198	Solution phase evolution of AuSe nanoalloys in Triton X-100 under UV-photoactivation. <i>Chemical Communications</i> , 2004, , 966-967.	2.2	20

#	ARTICLE	IF	CITATIONS
199	Synthesis of Au@Ag shell type bimetallic nanoparticles for single molecule detection in solution by SERS method. <i>Journal of Nanoparticle Research</i> , 2004, 6, 53-61.	0.8	66
200	Bimetallic Pt/Ni nanoparticles can catalyze reduction of aromatic nitro compounds by sodium borohydride in aqueous solution. <i>Applied Catalysis A: General</i> , 2004, 268, 61-66.	2.2	454
201	General method of synthesis for metal nanoparticles. <i>Journal of Nanoparticle Research</i> , 2004, 6, 411-414.	0.8	328
202	Photochemical deposition of SERS active silver nanoparticles on silica gel. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 162, 625-632.	2.0	33
203	Micelle-mediated UV-photoactivation route for the evolution of Pd@Au shell and Pd@Ag shell bimetallics from photogenerated Pd nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 167, 17-22.	2.0	37
204	Photochemical deposition of SERS active silver nanoparticles on silica gel and their application as catalysts for the reduction of aromatic nitro compounds. <i>Journal of Colloid and Interface Science</i> , 2004, 272, 134-144.	5.0	116
205	Photolytic color bleaching of cationic dyes in presence of selenious acid in aqueous and micellar environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 244, 31-37.	2.3	4
206	Fluorescence quenching of 1-methylaminopyrene near gold nanoparticles: size regime dependence of the small metallic particles. <i>Chemical Physics Letters</i> , 2004, 395, 366-372.	1.2	163
207	Emission Behavior of 1-Methylaminopyrene in Aqueous Solution of Anionic Surfactants. <i>Langmuir</i> , 2004, 20, 5209-5213.	1.6	37
208	A New Route to Obtain Shape-Controlled Gold Nanoparticles from Au(III)- β -diketonates. <i>Inorganic Chemistry</i> , 2004, 43, 5489-5491.	1.9	45
209	Reversible Generation of Gold Nanoparticle Aggregates with Changeable Interparticle Interactions by UV Photoactivation. <i>Langmuir</i> , 2004, 20, 575-578.	1.6	40
210	Synthesis of Selenium Nanoparticle and Its Photocatalytic Application for Decolorization of Methylene Blue under UV Irradiation. <i>Langmuir</i> , 2004, 20, 7880-7883.	1.6	77
211	Solvent and Ligand Effects on the Localized Surface Plasmon Resonance (LSPR) of Gold Colloids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13963-13971.	1.2	331
212	Immobilization and Recovery of Au Nanoparticles from Anion Exchange Resin: A Resin-Bound Nanoparticle Matrix as a Catalyst for the Reduction of 4-Nitrophenol. <i>Langmuir</i> , 2004, 20, 9889-9892.	1.6	304
213	Removal of arsenic using hardened paste of Portland cement: batch adsorption and column study. <i>Water Research</i> , 2004, 38, 3780-3790.	5.3	116
214	Studies on the Evolution of Silver Nanoparticles in Micelle by UV-Photoactivation. <i>Journal of Nanoparticle Research</i> , 2003, 5, 577-587.	0.8	94
215	Wet chemical method for synthesis of superparamagnetic alloyed Ni _{1-x} Pd _x and Ni _{1-x} Pt _x nanomagnets in micelles. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 23-28.	5.0	16
216	Synthesis and Characterization of Superparamagnetic Ni _{1-x} Pt _x Nanoalloy. <i>Chemistry of Materials</i> , 2003, 15, 3710-3715.	3.2	75

#	ARTICLE	IF	CITATIONS
217	Reduction of methylene blue (MB) by ammonia in micelles catalyzed by metal nanoparticles Presented at the national conference on "Self Aggregating System" Recent Advances held March 16th, 2002 in Calcutta, India.. New Journal of Chemistry, 2003, 27, 656-662.	1.4	44
218	Micelle bound redox dye marker for nanogram level arsenic detection promoted by nanoparticles. New Journal of Chemistry, 2002, 26, 1081-1084.	1.4	21
219	Spectrophotometric determination of arsenic via arsine generation and in-situ colour bleaching of methylene blue (MB) in micellar medium. Talanta, 2002, 58, 935-942.	2.9	54
220	Silver and Gold Nanocluster Catalyzed Reduction of Methylene Blue by Arsine in a Micellar Medium. Langmuir, 2002, 18, 8756-8760.	1.6	142
221	UV-photoactivation technique for size and shape controlled synthesis and annealing of stable gold nanoparticles in micelle. Bulletin of Materials Science, 2002, 25, 509-511.	0.8	4
222	Silver and gold nanocluster catalyzed reduction of methylene blue by arsine in micellar medium. Bulletin of Materials Science, 2002, 25, 577-579.	0.8	24
223	Evolution, dissolution and reversible generation of gold and silver nanoclusters in micelle by UV-activation. Bulletin of Materials Science, 2002, 25, 581-582.	0.8	12
224	Silver nanoparticle catalyzed reduction of aromatic nitro compounds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 196, 247-257.	2.3	850
225	UV Photoactivation for Size and Shape Controlled Synthesis and Coalescence of Gold Nanoparticles in Micelles. Langmuir, 2002, 18, 7792-7797.	1.6	118
226	Catalytic Reduction of Aromatic Nitro Compounds by Coinage Metal Nanoparticles. Langmuir, 2001, 17, 1800-1802.	1.6	534
227	Seed Mediated Formation of Bimetallic Nanoparticles by UV Irradiation: A Photochemical Approach for the Preparation of "Core"Shell-Type Structures. Nano Letters, 2001, 1, 319-322.	4.5	218
228	Seed-mediated successive growth of gold particles accomplished by UV irradiation: a photochemical approach for size-controlled synthesis. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 75-80.	2.0	131
229	Size Regime Dependent Catalysis by Gold Nanoparticles for the Reduction of Eosin. Journal of Physical Chemistry B, 2001, 105, 9266-9272.	1.2	246
230	Size Controlled Synthesis of Gold Nanoparticles using Photochemically Prepared Seed Particles. Journal of Nanoparticle Research, 2001, 3, 257-261.	0.8	251
231	Anion effect in linear silver nanoparticle aggregation as evidenced by efficient fluorescence quenching and SERS enhancement. Journal of Photochemistry and Photobiology A: Chemistry, 2000, 131, 111-123.	2.0	59
232	Molecular Photonic Switches Employing Ions and Nanoparticles of Coinage and Platinum Metals. Langmuir, 2000, 16, 6855-6861.	1.6	31
233	Redox Catalytic Properties of Palladium Nanoparticles: A Surfactant and Electron Donor/ Acceptor Effects. Langmuir, 2000, 16, 2457-2463.	1.6	171
234	Nanostrings of silver. Journal of Materials Science Letters, 1999, 18, 1391-1394.	0.5	4

#	ARTICLE	IF	CITATIONS
235	Silver nanoparticle aggregate formation by a photochemical method and its application to SERS analysis. <i>Journal of Raman Spectroscopy</i> , 1999, 30, 199-204.	1.2	64
236	Growing Small Silver Particle as Redox Catalyst. <i>Journal of Physical Chemistry B</i> , 1999, 103, 115-121.	1.2	340
237	Redox Catalytic Property of Still-Growing and Final Palladium Particles: A Comparative Study. <i>Langmuir</i> , 1999, 15, 3458-3463.	1.6	105
238	Silver nanoparticle aggregate formation by a photochemical method and its application to SERS analysis. <i>Journal of Raman Spectroscopy</i> , 1999, 30, 199-204.	1.2	1
239	Silver Hydrosol, Organosol, and Reverse Micelle-Stabilized Sol: A Comparative Study. <i>Journal of Colloid and Interface Science</i> , 1998, 202, 30-36.	5.0	42
240	Organized Media as Redox Catalysts. <i>Langmuir</i> , 1998, 14, 4724-4730.	1.6	112
241	Reversible Formation and Dissolution of Silver Nanoparticles in Aqueous Surfactant Media. <i>Langmuir</i> , 1997, 13, 1481-1485.	1.6	248
242	Polarity Dependent Positional Shift of Probe in a Micellar Environment. <i>Langmuir</i> , 1996, 12, 3114-3121.	1.6	50
243	Spectrofluorimetric determination of arsenic in water samples. <i>Analytical Communications</i> , 1996, 33, 315.	2.2	10
244	Determination of arsenic in aqueous samples with solvent extraction of ion associates. <i>Analytical Proceedings</i> , 1995, 32, 369.	0.4	10
245	Gelatin-A Compound for All Reasons. <i>Journal of Chemical Education</i> , 1994, 71, 679.	1.1	28
246	Spectrophotometric study of the interaction of some hydroxyanthraquinones (HAQs) with magnesium(II) in a cationic micelle. <i>Talanta</i> , 1994, 41, 1291-1295.	2.9	8
247	Permeation measurements of chemical agent simulants through protective clothing materials. <i>Journal of Hazardous Materials</i> , 1993, 33, 123-141.	6.5	17
248	Emodin (1,3,8-trihydroxy-6-methylanthraquinone): a spectrophotometric reagent for the determination of beryllium(II), magnesium(II) and calcium(II). <i>Analyst</i> , 1993, 118, 1337.	1.7	20
249	Spectrophotometric determination of magnesium(II) with emodin (1,3,8-trihydroxy-6-methylanthraquinone). <i>Analyst</i> , 1992, 117, 791.	1.7	14
250	Passive dosimeter for monitoring ammonia vapor. <i>Analytica Chimica Acta</i> , 1992, 263, 175-178.	2.6	8
251	Spectrophotometric determination of dissolved oxygen in water by the formation of a dicyanoaurate(I) complex with gold sol. <i>Analyst</i> , 1991, 116, 321.	1.7	10
252	Selective Hydroxymethylation of Emodin. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 3755-3757.	2.0	1

#	ARTICLE	IF	CITATIONS
253	Spectrophotometric determination of dissolved oxygen in water through the formation of an argentocyanide complex with silver sol. Analyst, The, 1988, 113, 1601.	1.7	5
254	A Comparative Study on Spectrophotometric, Conductometric and Potentiometric Determination of Ascorbic Acid. Analytical Letters, 1988, 21, 2333-2343.	1.0	6
255	Silver-Gelatin Method for the Determination of Trace Amounts of Carbon Monoxide in Air. Bulletin of the Chemical Society of Japan, 1987, 60, 3001-3004.	2.0	6
256	Determination of cyanide through its reaction with gelatin-stabilised gold sol in air. Analyst, The, 1987, 112, 1327.	1.7	8
257	Use of a silver-gelatin complex for the determination of micro-amounts of hydrazine in water. Analyst, The, 1986, 111, 1413.	1.7	21
258	Use of a silver-gelatin complex for the microdetermination of hydrogen sulphide in the atmosphere. Analyst, The, 1986, 111, 691.	1.7	12
259	Determination of cyanide based upon its reaction with colloidal silver in the presence of oxygen. Analytical Chemistry, 1986, 58, 1564-1566.	3.2	25
260	Silver-gelatin complex. Inorganica Chimica Acta, 1983, 79, 283-284.	1.2	2