Andrzej Kudelski

List of Publications by Year in Descending Order

142 papers	3,490 citations	32 h-index	51 g-index
147 ext. papers	3,904 ext. citations	3.6 avg, IF	5.92 L-index

#	Paper	IF	Citations
142	Formation and selected catalytic properties of ruthenium, rhodium, osmium and iridium nanoparticles. *RSC Advances*, **2022**, 12, 2123-2144	3.7	4
141	Ordered zirconium dioxide nanotubes covered with an evaporated gold layer as reversible, chemically inert and very efficient substrates for surface-enhanced Raman scattering (SERS) measurement.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 275, 121183	4.4	0
140	Magnetic iron oxide cores with attached gold nanostructures coated with a layer of silica: An easily, homogeneously deposited new nanomaterial for surface-enhanced Raman scattering measurements.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 277, 121266	4.4	3
139	The First Silver-Based Plasmonic Nanomaterial for Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy with Magnetic Properties. *Molecules*, **2022**, 27, 3081	4.8	2
138	How Surface-Enhanced Raman Spectroscopy Could Contribute to Medical Diagnoses. *Chemosensors* , **2022**, 10, 190	4	0
137	Intracellular pH - Advantages and pitfalls of surface-enhanced Raman scattering and fluorescence microscopy - A review. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 251, 119410	4.4	12
136	Applications of Surface-Enhanced Raman Scattering in Biochemical and Medical Analysis. *Frontiers in Chemistry*, **2021**, 9, 664134	5	12
135	Photo-assembly of plasmonic nanoparticles: methods and applications.. *RSC Advances*, **2021**, 11, 2575-2595	3.7	4
134	Fe3O4-protected gold nanoparticles: New plasmonic-magnetic nanomaterial for Raman analysis of surfaces. *Applied Surface Science*, **2021**, 562, 150220	6.7	6
133	Immobilization of Cubic Silver Plasmonic Nanoparticles on TiO Nanotubes, Reducing the Coffee Ring Effect in Surface-Enhanced Raman Spectroscopy Applications. *ACS Omega*, **2020**, 5, 13963-13972	3.9	7
132	Substrates for Surface-Enhanced Raman Scattering Formed on Nanostructured Non-Metallic Materials: Preparation and Characterization. *Nanomaterials*, **2020**, 11,	5.4	5
131	Plasmonic nanoparticles for environmental analysis. *Environmental Chemistry Letters*, **2020**, 18, 529-542	13.3	21
130	Adsorption of (Phe-h)/(Phe-d)-substituted peptides from neurotensin family on the nanostructured surfaces of Ag and Cu: SERS studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 242, 118748	4.4	2
129	Shell-isolated nanoparticle-enhanced Raman spectroscopy: a review **2020**, 387-414		
128	Star-shaped plasmonic nanostructures: New, simply synthetized materials for Raman analysis of surfaces. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 225, 117469	4.4	6
127	SERS Studies of Adsorption on Gold Surfaces of Mononucleotides with Attached Hexanethiol Moiety: Comparison with Selected Single-Stranded Thiolated DNA Fragments. *Molecules*, **2019**, 24,	4.8	5
126	Comparison of the efficiency of generation of Raman radiation by various Raman reporters connected via DNA linkers to different plasmonic nano-structures. *Vibrational Spectroscopy*, **2019**, 101, 34-39	2.1	7

125	Improved synthesis of concave cubic gold nanoparticles and their applications for Raman analysis of surfaces.. *RSC Advances*, **2019**, 9, 18609-18618	3.7	10
124	Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy. *Frontiers in Chemistry*, **2019**, 7, 410	5	22
123	Role of various nanoparticles in photodynamic therapy and detection methods of singlet oxygen. *Photodiagnosis and Photodynamic Therapy*, **2019**, 26, 162-178	3.5	43
122	New strategy for the gene mutation identification using surface enhanced Raman spectroscopy (SERS). *Biosensors and Bioelectronics*, **2019**, 132, 326-332	11.8	24
121	Detection of circulating tumor cells in blood by shell-isolated nanoparticle - enhanced Raman spectroscopy (SHINERS) in microfluidic device. *Scientific Reports*, **2019**, 9, 9267	4.9	16
120	Cubic Silver Nanoparticles Fixed on TiO Nanotubes as Simple and Efficient Substrates for Surface Enhanced Raman Scattering. *Materials*, **2019**, 12,	3.5	13
119	Surface Enhanced Raman Spectroscopy for DNA Biosensors-How Far Are We?. *Molecules*, **2019**, 24,	4.8	29
118	Nanosensors for Environmental Analysis Based on Plasmonic Nanoparticles. *Environmental Chemistry for A Sustainable World*, **2019**, 255-287	0.8	1
117	Formation of bifunctional conglomerates composed of magnetic Fe2O3 nanoparticles and various noble metal nanostructures. *Applied Surface Science*, **2019**, 470, 970-978	6.7	11
116	Relationship between the nano-structure of GaN surfaces and SERS efficiency: Chasing hot-spots. *Applied Surface Science*, **2019**, 466, 554-561	6.7	26
115	Zirconium(IV) oxide: New coating material for nanoresonators for shell-isolated nanoparticle-enhanced Raman spectroscopy. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 193, 480-485	4.4	7
114	Modification of surfaces of silver nanoparticles for controlled deposition of silicon, manganese, and titanium dioxides. *Applied Surface Science*, **2018**, 427, 334-339	6.7	10
113	Silica-covered star-shaped Au-Ag nanoparticles as new electromagnetic nanoresonators for Raman characterisation of surfaces. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 193, 1-7	4.4	10
112	Titanium (IV) Oxide Nanotubes in Design of Active SERS Substrates for High Sensitivity Analytical Applications: Effect of Geometrical Factors in Nanotubes and in Ag-n Deposits **2018**,		2
111	Influence of amine and thiol modifications at the 3' ends of single stranded DNA molecules on their adsorption on gold surface and the efficiency of their hybridization. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 203, 31-39	4.4	3
110	Dipyramidal-Au@SiO2 nanostructures: New efficient electromagnetic nanoresonators for Raman spectroscopy analysis of surfaces. *Applied Surface Science*, **2018**, 456, 932-940	6.7	15
109	Influence of the silver deposition method on the activity of platforms for chemometric surface-enhanced Raman scattering measurements: Silver films on ZrO nanopore arrays. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 182, 124-129	4.4	13
108	Silver Nanoparticles with Many Sharp Apexes and Edges as Efficient Nanoresonators for Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy. *Journal of Physical Chemistry C*, **2017**, 121, 12383-12391	3.8	23

107	Plasmonic nanoparticles in chemical analysis. *RSC Advances*, **2017**, 7, 17559-17576	3.7	92
106	Enhanced catalytic activity of solid and hollow platinum-cobalt nanoparticles towards reduction of 4-nitrophenol. *Applied Surface Science*, **2016**, 388, 624-630	6.7	24
105	Vibrational characterization of -aminophosphinic acid derivatives of pyridine: DFT, Raman and SERS spectroscopy studies. *Vibrational Spectroscopy*, **2016**, 83, 115-125	2.1	6
104	MnO2-protected silver nanoparticles: New electromagnetic nanoresonators for Raman analysis of surfaces in basis environment. *Applied Surface Science*, **2016**, 388, 704-709	6.7	20
103	Au-Cu Alloyed Plasmonic Layer on Nanostructured GaN for SERS Application. *Journal of Physical Chemistry C*, **2016**, 120, 1841-1846	3.8	26
102	Electrochemical Preparation of Nanoresonators **2016**, 47-69		1
101	The role of oxygen in plasmon-driven transformation of silver nanoparticles. *Applied Surface Science* , **2016**, 388, 710-715	6.7	
100	Electrochemical Preparation of Nanoresonators **2015**, 1-20		
99	Light-induced growth of various silver seed nanoparticles: A simple method of synthesis of different silver colloidal SERS substrates. *Chemical Physics Letters*, **2015**, 625, 84-90	2.5	13
98	Silica-Protected Hollow Silver and Gold Nanoparticles: New Material for Raman Analysis of Surfaces. *Journal of Physical Chemistry C*, **2015**, 119, 20030-20038	3.8	28
97	Photochemical synthesis of different silver nanostructures **2015**,		2
96	Surface modification of nanoporous alumina layers by deposition of Ag nanoparticles. Effect of alumina pore diameter on the morphology of silver deposit and its influence on SERS activity. *Applied Surface Science*, **2015**, 357, 1736-1742	6.7	14
95	TiO2 and Al2O3 nanoporous oxide layers decorated with silver nanoparticles-active substrates for SERS measurements. *Journal of Solid State Electrochemistry*, **2014**, 18, 3099-3109	2.6	17
94	Synthesis of core-shell silver-platinum nanoparticles, improving shell integrity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 441, 178-183	5.1	29
93	Raman, surface-enhanced Raman, and density functional theory characterization of (diphenylphosphoryl)(pyridin-2-, -3-, and -4-yl)methanol. *Journal of Physical Chemistry A*, **2014**, 118, 5614-25	2.8	15
92	Ag/ZrO2-NT/Zr hybrid material: A new platform for SERS measurements. *Vibrational Spectroscopy*, **2014**, 71, 85-90	2.1	16
91	Adsorption of CO on various M@Pt core-shell nanoparticles: Surface-enhanced infrared absorption and DFT studies. *Vibrational Spectroscopy*, **2014**, 75, 11-18	2.1	3
90	Light-induced transformation of citrate-stabilized silver nanoparticles: Photochemical method of increase of SERS activity of silver colloids. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 456, 41-48	5.1	23

89	Preparation of silver hollow nanostructures by plasmon-driven transformation. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 443, 102-108	5.1	4
88	The role of Ag particles deposited on TiO2 or Al2O3 self-organized nanoporous layers in their behavior as SERS-active and biomedical substrates. *Materials Chemistry and Physics*, **2013**, 139, 55-65	4.4	36
87	B2 bradykinin receptor antagonists: adsorption mechanism on electrochemically roughened Ag substrate. *Journal of Raman Spectroscopy*, **2013**, 44, 205-211	2.3	7
86	Surface-enhanced Raman scattering measurements on silver nanoparticles covered with differently formed platinum films. *Vibrational Spectroscopy*, **2013**, 68, 153-157	2.1	2
85	Vibrational and theoretical studies of the structure and adsorption mode of m-nitrophenyl guanidinomethylphosphonic acid analogues on silver surfaces. *Journal of Physical Chemistry A*, **2013**, 117, 4963-72	2.8	7
84	Influence of oxygen on the process of formation of silver nanoparticles during citrate/borohydride synthesis of silver sols. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 410, 45-51	5.1	34
83	Fourier transform infrared and Raman and surface-enhanced Raman spectroscopy studies of a novel group of boron analogues of aminophosphonic acids. *Journal of Physical Chemistry A*, **2012**, 116, 10004-14	2.8	16
82	Adsorption of neurotensin-family peptides on SERS-active Ag substrates. *Journal of Raman Spectroscopy*, **2012**, 43, 1196-1203	2.3	8
81	Vibrational optical activity of cysteine in aqueous solution: a comparison of theoretical and experimental spectra. *Journal of Physical Chemistry B*, **2012**, 116, 4976-90	3.4	37
80	Silica-Covered Silver and Gold Nanoresonators for Raman Analysis of Surfaces of Various Materials. *Journal of Physical Chemistry C*, **2012**, 116, 16167-16174	3.8	26
79	Surface-enhanced Raman scattering investigations on silver nanoparticles deposited on alumina and titania nanotubes: influence of the substrate material on surface-enhanced Raman scattering activity of Ag nanoparticles. *Journal of Raman Spectroscopy*, **2012**, 43, 1360-1366	2.3	23
78	Explicit versus implicit solvent modeling of Raman optical activity spectra. *Journal of Physical Chemistry B*, **2011**, 115, 4128-37	3.4	82
77	Silver platinum core shell nanoparticles for surface-enhanced Raman spectroscopy. *Vibrational Spectroscopy*, **2011**, 57, 261-269	2.1	9
76	Structure of monolayers formed from neurotensin and its single-site mutants: vibrational spectroscopic studies. *Journal of Physical Chemistry B*, **2011**, 115, 6709-21	3.4	27
75	Structure and binding of specifically mutated neurotensin fragments on a silver substrate: vibrational studies. *Journal of Physical Chemistry B*, **2011**, 115, 7097-108	3.4	14
74	Surface-enhanced Raman scattering (SERS) activity of Ag, Au and Cu nanoclusters on TiO2-nanotubes/Ti substrate. *Applied Surface Science*, **2011**, 257, 8182-8189	6.7	65
73	Raman investigations of SERS activity of Ag nanoclusters on a TiO2-nanotubes/Ti substrate. *Vibrational Spectroscopy*, **2011**, 55, 38-43	2.1	27
72	Raman characterization of monolayers formed from mixtures of sodium 2-mercaptoethanesulfonate and various aromatic mercapto-derivative bases. *Journal of Physical Chemistry B*, **2010**, 114, 5180-9	3.4	6

71	Circularly polarized component in surface-enhanced Raman spectra. *Chemical Physics Letters*, **2010**, 496, 86-90	2.5	32
70	Adsorbed states of substituted □aminophosphinic acids on a silver electrode surface: comparison with a colloidal silver substrate. *Journal of Raman Spectroscopy*, **2009**, 40, 1578-1584	2.3	9
69	Raman investigations of TiO2 nanotube substrates covered with thin Ag or Cu deposits. *Journal of Raman Spectroscopy*, **2009**, 40, 1652-1656	2.3	33
68	Surface-enhanced Raman scattering study of monolayers formed from mixtures of 4□hercaptobenzoic acid and various aromatic mercapto-derivative bases. *Journal of Raman Spectroscopy*, **2009**, 40, 2037-2043	2.3	22
67	Local monitoring of surface chemistry with Raman spectroscopy. *Journal of Solid State Electrochemistry*, **2009**, 13, 225-230	2.6	4
66	Raman spectroscopy of surfaces. *Surface Science*, **2009**, 603, 1328-1334	1.8	69
65	In situ spectroelectrochemical surface-enhanced Raman scattering (SERS) investigations on composite Ag/TiO2-nanotubes/Ti substrates. *Surface Science*, **2009**, 603, 2820-2824	1.8	38
64	Surface-enhanced Raman scattering studies on the interaction of phosphonate derivatives of imidazole, thiazole, and pyridine with a silver electrode in aqueous solution. *Journal of Physical Chemistry B*, **2009**, 113, 10035-42	3.4	17
63	Analytical applications of Raman spectroscopy. *Talanta*, **2008**, 76, 1-8	6.2	215
62	A few molecules surface-enhanced Raman scattering studies on nickel-modified silver substrates. *Chemical Physics Letters*, **2008**, 457, 434-438	2.5	1
61	In situ SERS studies on the adsorption of tyrosinase on bare and alkanethiol-modified silver substrates. *Vibrational Spectroscopy*, **2008**, 46, 34-38	2.1	9
60	Some aspects of SERS temporal fluctuations: analysis of the most intense spectra of hydrogenated amorphous carbon deposited on silver. *Journal of Raman Spectroscopy*, **2007**, 38, 1494-1499	2.3	18
59	Influence of aliphatic spacer group on adsorption mechanisms of phosphonate derivatives of l-phenylalanine: Surface-enhanced Raman, Raman, and infrared studies. *Surface Science*, **2007**, 601, 4586-4597	1.8	30
58	Adsorption mechanism of physiologically active l-phenylalanine phosphonodipeptide analogues: Comparison of colloidal silver and macroscopic silver substrates. *Surface Science*, **2007**, 601, 4971-4983	1.8	27
57	Role of O2 in inducing intensive fluctuations of surface-enhanced Raman scattering spectra. *Journal of Physical Chemistry B*, **2006**, 110, 12610-5	3.4	13
56	Fluctuations of Raman spectra of hydrogenated amorphous carbon deposited on electrochemically-roughened silver. *Chemical Physics Letters*, **2006**, 427, 206-209	2.5	27
55	Raman studies on the coverage integrity of monolayers formed on silver from various □functionalised alkanethiols. *Vibrational Spectroscopy*, **2006**, 41, 83-89	2.1	19
54	Characterization of thiolate-based mono- and bilayers by vibrational spectroscopy: A review. *Vibrational Spectroscopy*, **2005**, 39, 200-213	2.1	68

53	Raman studies of rhodamine 6G and crystal violet sub-monolayers on electrochemically roughened silver substrates: Do dye molecules adsorb preferentially on highly SERS-active sites?. *Chemical Physics Letters*, **2005**, 414, 271-275	2.5	161
52	Place-exchange reactions of thiols on electrochemically roughened SERS-active silver. *Vibrational Spectroscopy*, **2005**, 39, 257-261	2.1	12
51	Monolayers of sulfur-containing molecules at metal surfaces as studied using SERS: 3, 3?-thiodipropionic acid and 3-mercaptopropionic acid adsorbed on silver and copper. *Journal of Raman Spectroscopy*, **2005**, 36, 709-714	2.3	10
50	Raman study on the structure of adlayers formed on silver from mixtures of 2-aminoethanethiol and 3-mercaptopropionic acid. *Journal of Raman Spectroscopy*, **2005**, 36, 1040-1046	2.3	17
49	Raman study on methanol partial oxidation and oxidative steam reforming over copper. *Surface Science*, **2004**, 566-568, 1007-1011	1.8	11
48	Fluctuations of surface-enhanced Raman spectra of CO adsorbed on gold substrates. *Chemical Physics Letters*, **2004**, 383, 76-79	2.5	58
47	Structures of monolayers formed from different HS(CH2)2X thiols on gold, silver and copper: comparitive studies by surface-enhanced Raman scattering. *Journal of Raman Spectroscopy*, **2003**, 34, 853-862	2.3	92
46	Influence of electrostatically bound proteins on the structure of linkage monolayers: adsorption of bovine serum albumin on silver and gold substrates coated with monolayers of 2-mercaptoethanesulphonate. *Vibrational Spectroscopy*, **2003**, 33, 197-204	2.1	35
45	SERS studies on the structure of thioglycolic acid monolayers on silver and gold. *Surface Science*, **2003**, 532-535, 227-232	1.8	137
44	Voltammetry of undiluted redox systems backed by in-situ Raman spectroscopy. Evidence for strong accumulation of ions in the diffusion layer at microelectrode surface. *Electrochemistry Communications*, **2003**, 5, 412-415	5.1	4
43	Chemisorption of 2-Mercaptoethanol on Silver, Copper, and Gold: Direct Raman Evidence of Acid-Induced Changes in Adsorption/Desorption Equilibria. *Langmuir*, **2003**, 19, 3805-3813	4	62
42	Interaction of 2-mercaptoethanesulfonate monolayers on silver with sodium cations. *Journal of Raman Spectroscopy*, **2002**, 33, 796-800	2.3	25
41	Effect of ageing in air on morphology and surface-enhanced Raman scattering (SERS) activity of Cu-based amorphous alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2002**, 326, 364-369	5.3	10
40	Modification of surface activity of Cu-based amorphous alloys by chemical processes of metal degradation. *Applied Catalysis A: General*, **2002**, 235, 157-170	5.1	21
39	Local characterisation of inhomogeneous Cu surfaces by surface-enhanced Raman scattering. *Surface Science*, **2002**, 507-510, 441-446	1.8	14
38	Raman and Electrochemical Characterization of 2-Mercaptoethanesulfonate Monolayers on Silver: A Comparison with Monolayers of 3-Mercaptopropionic Acid. *Langmuir*, **2002**, 18, 4741-4747	4	38
37	Raman study on the structure of 3-mercaptopropionic acid monolayers on silver. *Surface Science*, **2002**, 502-503, 219-223	1.8	32
36	Molecular structure of cysteamine monolayers on silver and gold substrates. *Surface Science*, **2002**, 502-503, 214-218	1.8	45

35	Influence of electrolytes on the structure of cysteamine monolayer on silver studied by surface-enhanced Raman scattering. *Journal of Raman Spectroscopy*, **2001**, 32, 345-350	2.3	33
34	SERS on carbon chain segments: monitoring locally surface chemistry. *Chemical Physics Letters*, **2000**, 321, 356-362	2.5	151
33	Electrochemical modification of Cu□r amorphous alloys for catalysts. *Electrochimica Acta*, **2000**, 45, 3295-3304	6.7	16
32	An SERS investigation of CO intermediate adsorption on a modified Cu-Zr amorphous alloy during CO2 reduction. *Russian Journal of Electrochemistry*, **2000**, 36, 1186-1188	1.2	5
31	Influence of anions on formation and electroacitivity of poly-2,5-dimethoxyaniline. *Synthetic Metals*, **2000**, 108, 111-119	3.6	30
30	Chemisorption of Cysteamine on Silver Studied by Surface-Enhanced Raman Scattering. *Langmuir*, **2000**, 16, 10236-10242	4	49
29	Surface-enhanced Raman scattering (SERS) on copper electrodeposited under nonequilibrium conditions. *Journal of Molecular Structure*, **1999**, 482-483, 245-248	3.4	25
28	Trapping of Cu2+ and VO2+ ions in conducting polymer matrices □EPR studies. *Journal of Molecular Structure*, **1999**, 482-483, 291-294	3.4	16
27	Effect of electrochemical pretreatment on SERS and catalytic activity of Cu□r amorphous alloys. *Applied Catalysis A: General*, **1999**, 181, 123-130	5.1	17
26	Modification of surface activity of Cu□r amorphous alloys and Cu metal by electrochemical methods. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1999**, 267, 227-234	5.3	10
25	Surface-enhanced Raman scattering (SERS) on modified amorphous Cu□r alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1999**, 267, 235-239	5.3	13
24	Raman Study on the Structure of Cysteamine Monolayers on Silver. *Langmuir*, **1999**, 15, 3162-3168	4	89
23	Hints for electrosynthesis of poly(3-octylthiophene). *Synthetic Metals*, **1999**, 101, 35-36	3.6	6
22	Surface-enhanced Raman scattering (SERS) at Copper(I) oxide. *Journal of Raman Spectroscopy*, **1998** , 29, 431-435	2.3	72
21	Anion-induced charge-transfer enhancement in SERS and SERRS spectra of Rhodamine 6G on a silver electrode: how important is it?. *Journal of Raman Spectroscopy*, **1998**, 29, 681-685	2.3	54
20	Solvent trapping during the self-assembly of octadecanethiol monolayer on roughened gold electrodes from surface-enhanced Raman scattering studies. *Journal of Electroanalytical Chemistry*, **1998**, 443, 5-7	4.1	11
19	Characterization of the copper surface optimized for use as a substrate for surface-enhanced Raman scattering. *Vibrational Spectroscopy*, **1998**, 16, 21-29	2.1	41
18	Potential dependence of a number of the □residual□spins in the electronically conducting polymer matrix. *Synthetic Metals*, **1998**, 95, 87-91	3.6	8

17	Surface-enhanced Raman scattering (SERS) at Copper(I) oxide **1998**, 29, 431		2
16	SERS on modified amorphous Cu?Zr alloys. *Chemical Physics Letters*, **1997**, 268, 481-484	2.5	9
15	The chemical effect in surface enhanced Raman scattering (SERS) for piperidine adsorbed on a silver electrode. *Surface Science*, **1996**, 368, 396-400	1.8	36
14	Charge-transfer contribution to surface-enhanced Raman scattering and surface-enhanced resonance Raman scattering of dyes at silver and gold electrodes. *Chemical Physics Letters*, **1996**, 253, 246-250	2.5	18
13	Temporal evolution of Raman intensities on surface-enhanced Raman scattering active copper and gold electrodes at negative potentials. *Vibrational Spectroscopy*, **1996**, 10, 335-339	2.1	18
12	Electrochemical activity of poly(N-vinylcarbazole) films in acetonitrile solution and in acetonitrile + water mixtures Correlation between spectroelectrochemical and EPR results. *Journal of Electroanalytical Chemistry*, **1996**, 403, 125-132	4.1	8
11	Influence of photochemical effects on irreversible loss of □ctive sites□on SERS active silver electrode. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **1995**, 51, 573-578	4.4	6
10	SERS and resonance Raman studies of p-aminoazobenzene on gold and silver electrodes. *Journal of Electroanalytical Chemistry*, **1995**, 385, 177-182	4.1	10
9	Poly-1,8-Diaminonaphthalene: Sensor for Heavy Metal Ions. *Materials Science Forum*, **1995**, 191, 247-250	0.4	9
8	The mechanism of electrodeposition and molecular structure of poly(p-aminoazobenzene). *Synthetic Metals*, **1995**, 72, 201-207	3.6	5
7	Excitation profiles versus potential profiles in the determination of the charge-transfer contribution to SERS of pyridine on a silver electrode. *Journal of Raman Spectroscopy*, **1995**, 26, 955-958	2.3	11
6	Relative SERS enhancement factors for pyridine adsorbed on a silver electrode. The chemical effect in SERS as a product of charge-transfer and active-site mechanisms. *Journal of Raman Spectroscopy*, **1994**, 25, 153-158	2.3	14
5	Spectroelectrochemical and EPR determination of the number of electrons transferred in redox processes in electroactive polymers. Polyindole films. *Electrochimica Acta*, **1994**, 39, 1365-1368	6.7	38
4	The CT enhancement in SERS on gold electrodes. How important is it?. *Chemical Physics Letters*, **1994**, 222, 555-558	2.5	16
3	Electro-oxidation of o-aminophenol studied by cyclic voltammetry and surface enhanced Raman scattering (SERS). *Journal of Electroanalytical Chemistry*, **1993**, 350, 177-187	4.1	38
2	The use of SERS to probe the adsorption and oxidation of o-aminophenol on the silver electrode. *Journal of Molecular Structure*, **1992**, 275, 145-150	3.4	5
1	The use of Surface Enhanced Raman Scattering (SERS) to probe the interaction of imidazole with the silver electrode surface. *Journal of Electroanalytical Chemistry and Interfacial Electrochemistry*, **1991**, 309, 251-261		31