

# Jingdong Zhang

## List of Publications by Year in descending order

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146  
papers

6,176  
citations

71004

43  
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90395

73  
g-index

156  
all docs

156  
docs citations

156  
times ranked

8107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure modulation with ultrafine Fe <sub>3</sub> O <sub>4</sub> nanoparticles on 2D Ni-based metal-organic framework layers for enhanced oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2022, 65, 78-88.	7.1	41
2	Circadian regulation of protein cargo in extracellular vesicles. <i>Science Advances</i> , 2022, 8, eabc9061.	4.7	26
3	Synthesis and Structure of a Two-Dimensional Palladium Oxide Network on Reduced Graphene Oxide. <i>Nano Letters</i> , 2022, 22, 4854-4860.	4.5	3
4	Voltammetry and Single-Molecule In Situ Scanning Tunnelling Microscopy of the Redox Metalloenzyme Human Sulfite Oxidase. <i>ChemElectroChem</i> , 2021, 8, 164-171.	1.7	9
5	Practical considerations for working with graphene oxide as alignment media for RDC measurements. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 738-745.	1.1	3
6	Bifunctional and Self-Supported NiFeP-Layer-Coated NiP Rods for Electrochemical Water Splitting in Alkaline Solution. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 23702-23713.	4.0	69
7	Cobalt/nitrogen doped porous carbon as catalysts for efficient oxygen reduction reaction: Towards hybrid enzymatic biofuel cells. <i>Electrochimica Acta</i> , 2021, 389, 138791.	2.6	14
8	Direct electron transfer of fructose dehydrogenase immobilized on thiol-gold electrodes. <i>Electrochimica Acta</i> , 2021, 392, 138946.	2.6	16
9	Starch Capped Atomically Thin CuS Nanocrystals for Efficient Photothermal Therapy. <i>Small</i> , 2021, 17, e2103461.	5.2	25
10	Starch Capped Atomically Thin CuS Nanocrystals for Efficient Photothermal Therapy ( <i>Small</i> 47/2021). <i>Small</i> , 2021, 17, 2170249.	5.2	2
11	Single-Molecule Interactions between Heme Proteins and Carboxylic Groups in Various Chemical Environments. <i>ChemElectroChem</i> , 2020, 7, 4441-4445.	1.7	1
12	Reprint of "Electrochemical intercalator binding to single- and double-strand DNA- and LNA-based molecules on Au(111)-electrode surfaces". <i>Journal of Electroanalytical Chemistry</i> , 2020, 872, 114527.	1.9	0
13	Effect of Copper and Phosphate on the Biosynthesis of Palladium Nanoparticles by <i>Shewanella oneidensis</i> MR-1. <i>ChemElectroChem</i> , 2020, 7, 4460-4468.	1.7	2
14	Antimicrobial enzymatic biofuel cells. <i>Chemical Communications</i> , 2020, 56, 15589-15592.	2.2	9
15	An oxygen-reducing biocathode with "oxygen tanks". <i>Chemical Communications</i> , 2020, 56, 9767-9770.	2.2	9
16	Bilirubin oxidase oriented on novel type three-dimensional biocathodes with reduced graphene aggregation for biocathode. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112500.	5.3	20
17	Microwave assisted crystalline and morphology evolution of flower-like Fe <sub>2</sub> O <sub>3</sub> @ iron doped K-birnessite composite and its application for lithium ion storage. <i>Applied Surface Science</i> , 2020, 525, 146513.	3.1	18
18	Electronic Spillover from a Metallic Nanoparticle: Can Simple Electrochemical Electron Transfer Processes Be Catalyzed by Electronic Coupling of a Molecular Scale Gold Nanoparticle Simultaneously to the Redox Molecule and the Electrode?. <i>Journal of the American Chemical Society</i> , 2020, 142, 10646-10658.	6.6	16

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19	Bacterially Generated Nanocatalysts and Their Applications. ACS Symposium Series, 2020, , 97-122.	0.5	2
20	Electrochemical intercalator binding to single- and double-strand DNA- and LNA-based molecules on Au(111)-electrode surfaces. Journal of Electroanalytical Chemistry, 2020, 865, 114138.	1.9	5
21	Development of graphene-based enzymatic biofuel cells: A minireview. Bioelectrochemistry, 2020, 134, 107537.	2.4	36
22	Chemistry of cysteine assembly on Au(100): electrochemistry, <i>in situ</i> STM and molecular modeling. Nanoscale, 2019, 11, 17235-17251.	2.8	9
23	Electrons selective uptake of a metal-reducing bacterium <i>Shewanella oneidensis</i> MR-1 from ferrocyanide. Biosensors and Bioelectronics, 2019, 142, 111571.	5.3	13
24	Adsorption, Chemical Enhancement, and Low-Lying Excited States of <i>p</i> -Methylbenzenethiol on Silver and Gold Nanoparticle Surfaces: A Surface Enhanced Raman Spectroscopy and Density Functional Theory Study. Journal of Physical Chemistry C, 2019, 123, 23026-23036.	1.5	19
25	Reduced graphene oxide-coated microfibers for oil/water separation. Environmental Science: Nano, 2019, 6, 3215-3224.	2.2	12
26	Well-defined cobalt sulfide nanoparticles locked in 3D hollow nitrogen-doped carbon shells for superior lithium and sodium storage. Energy Storage Materials, 2019, 18, 114-124.	9.5	62
27	Three-Dimensional Sulfite Oxidase Bioanodes Based on Graphene Functionalized Carbon Paper for Sulfite/O <sub>2</sub> Biofuel Cells. ACS Catalysis, 2019, 9, 6543-6554.	5.5	34
28	Implications of Byproduct Chemistry in Nanoparticle Synthesis. Journal of Physical Chemistry C, 2019, 123, 25402-25411.	1.5	2
29	Two-dimensional graphene paper supported flexible enzymatic fuel cells. Nanoscale Advances, 2019, 1, 2562-2570.	2.2	26
30	Gold-carbonyl group interactions in the electrochemistry of anthraquinone thiols self-assembled on Au(111)-surfaces. Chemical Science, 2019, 10, 3927-3936.	3.7	8
31	Supercapacitor/biofuel cell hybrid device employing biomolecules for energy conversion and charge storage. Bioelectrochemistry, 2019, 128, 94-99.	2.4	24
32	Three-Dimensional Bioelectrodes Utilizing Graphene Based Bioink. Journal of the Electrochemical Society, 2019, 166, G170-G177.	1.3	8
33	Inward Electron Transfer of a Metal Reducing Bacterium from High-Redox Potential Molecules. ECS Meeting Abstracts, 2019, , .	0.0	0
34	Electrochemistry of single molecules and biomolecules, molecular scale nanostructures, and low-dimensional systems. Current Opinion in Electrochemistry, 2018, 7, 179-187.	2.5	13
35	Redox Potentials and Electronic States of Iron Porphyrin IX Adsorbed on Single Crystal Gold Electrode Surfaces. Langmuir, 2018, 34, 3610-3618.	1.6	7
36	Selective electrocatalysis of biofuel molecular oxidation using palladium nanoparticles generated on <i>Shewanella oneidensis</i> MR-1. Journal of Materials Chemistry A, 2018, 6, 10655-10662.	5.2	35

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37	Tailored Electron Transfer Pathways in Au <sub>core</sub> /Pt <sub>shell</sub> "Graphene Nanocatalysts for Fuel Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1702609.	10.2	66
38	A gold-nanoparticle stoppered [2]rotaxane. <i>Nanoscale</i> , 2018, 10, 9133-9140.	2.8	9
39	General Syntheses of Nanotubes Induced by Block Copolymer Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800125.	2.0	7
40	Three-dimensional iron sulfide-carbon interlocked graphene composites for high-performance sodium-ion storage. <i>Nanoscale</i> , 2018, 10, 7851-7859.	2.8	56
41	Chemically controlled interfacial nanoparticle assembly into nanoporous gold films for electrochemical applications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 556-564.	5.2	12
42	Fuel-independent and membrane-less self-charging biosupercapacitor. <i>Chemical Communications</i> , 2018, 54, 11801-11804.	2.2	16
43	Hierarchical layer-by-layer porous FeCo <sub>2</sub> S <sub>4</sub> @Ni(OH) <sub>2</sub> arrays for all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20480-20490.	5.2	102
44	Nanoengineering of Graphene-Supported Functional Composites for Performance-Enhanced Enzymatic Biofuel Cells. , 2018, , 219-240.		2
45	A straight forward approach to electrodeposit tungsten disulfide/poly(3,4-ethylenedioxythiophene) composites onto nanoporous gold for the hydrogen evolution reaction. <i>Applied Surface Science</i> , 2017, 410, 308-314.	3.1	23
46	The Pathogenic A2V Mutant Exhibits Distinct Aggregation Kinetics, Metal Site Structure, and Metal Exchange of the Cu <sup>2+</sup> "Al <sup>2+</sup> Complex. <i>Chemistry - A European Journal</i> , 2017, 23, 13591-13595.	1.7	17
47	Extracellular polymeric substances are transient media for microbial extracellular electron transfer. <i>Science Advances</i> , 2017, 3, e1700623.	4.7	439
48	Microwave synthesis of metal nanocatalysts for the electrochemical oxidation of small biomolecules. <i>Current Opinion in Electrochemistry</i> , 2017, 4, 124-132.	2.5	10
49	Electrochemical single-molecule conductivity of duplex and quadruplex DNA. <i>Current Opinion in Electrochemistry</i> , 2017, 4, 166-174.	2.5	3
50	Simultaneous modulation of surface composition, oxygen vacancies and assembly in hierarchical Co <sub>3</sub> O <sub>4</sub> mesoporous nanostructures for lithium storage and electrocatalytic oxygen evolution. <i>Nanoscale</i> , 2017, 9, 14431-14441.	2.8	77
51	Side Effect of Good's Buffers on Optical Properties of Gold Nanoparticle Solutions. <i>ChemElectroChem</i> , 2016, 3, 1212-1218.	1.7	3
52	Chiral Selectivity in Inter-reactant Recognition and Electron Transfer of the Oxidation of Horse Heart Cytochrome <i>c</i> by Trioxalatocobaltate(III). <i>Inorganic Chemistry</i> , 2016, 55, 9335-9345.	1.9	5
53	Construction of Insulin 18-mer Nanoassemblies Driven by Coordination to Iron(II) and Zinc(II) Ions at Distinct Sites. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2378-2381.	7.2	11
54	Construction of Insulin 18-mer Nanoassemblies Driven by Coordination to Iron(II) and Zinc(II) Ions at Distinct Sites. <i>Angewandte Chemie</i> , 2016, 128, 2424-2427.	1.6	3

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55	Voltammetry and molecular assembly of G-quadruplex DNAzyme on single-crystal Au(111)-electrode surfaces with hemin as an electrochemical intercalator. <i>Faraday Discussions</i> , 2016, 193, 99-112.	1.6	6
56	Atomically thin Pt shells on Au nanoparticle cores: facile synthesis and efficient synergetic catalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3278-3286.	5.2	45
57	Intermixed Adatom and Surface-Bound Adsorbates in Regular Self-Assembled Monolayers of Racemic 2-Butanethiol on Au(111). <i>ChemPhysChem</i> , 2015, 16, 928-932.	1.0	18
58	Graphene-supported platinum catalysts for fuel cells. <i>Science Bulletin</i> , 2015, 60, 864-876.	4.3	88
59	DNA Bases Assembled on the Au(110)/Electrolyte Interface: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3123-3134.	1.2	8
60	Porous poly(perfluorosulfonic acid) membranes for alkaline water electrolysis. <i>Journal of Membrane Science</i> , 2015, 493, 589-598.	4.1	48
61	Tuning the composition of metastable Co Ni Mg <sub>100-x-y-z</sub> (OH)(OCH <sub>3</sub> ) nanoplates for optimizing robust methane dry reforming catalyst. <i>Journal of Catalysis</i> , 2015, 330, 106-119.	3.1	67
62	Controlling the Stereochemistry and Regularity of Butanethiol Self-Assembled Monolayers on Au(111). <i>Journal of the American Chemical Society</i> , 2014, 136, 17087-17094.	6.6	31
63	Selective synthesis of clinoptilolite Cu <sub>2</sub> (OH) <sub>3</sub> Cl and tenorite CuO nanoparticles by pH control. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	28
64	Graphene controlled H- and J-stacking of perylene dyes into highly stable supramolecular nanostructures for enhanced photocurrent generation. <i>Nanoscale</i> , 2014, 6, 10516-10523.	2.8	23
65	Nanoporous gold assembly of glucose oxidase for electrochemical biosensing. <i>Electrochimica Acta</i> , 2014, 130, 559-567.	2.6	65
66	The challenges of testing metal and metal oxide nanoparticles in algal bioassays: titanium dioxide and gold nanoparticles as case studies. <i>Nanotoxicology</i> , 2013, 7, 1082-1094.	1.6	62
67	Ion Transfer Voltammetry Associated with Two Polarizable Interfaces Within Water and Moderately Hydrophobic Ionic Liquid Systems. <i>Electroanalysis</i> , 2013, 25, 857-866.	1.5	5
68	Direct measurement and modulation of single-molecule coordinative bonding forces in a transition metal complex. <i>Nature Communications</i> , 2013, 4, 2121.	5.8	43
69	Complexity of Gold Nanoparticle Formation Disclosed by Dynamics Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11818-11828.	1.5	28
70	On the Hopping Efficiency of Nanoparticles in the Electron Transfer across Self-Assembled Monolayers. <i>ChemPhysChem</i> , 2013, 14, 952-957.	1.0	24
71	Modeling and computations of the intramolecular electron transfer process in the two-heme protein cytochrome c <sub>4</sub> . <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5953.	1.3	14
72	Au-Biocompatible metallic nanostructures in metalloprotein electrochemistry and electrocatalysis. <i>Journal of Materials Chemistry</i> , 2012, 22, 13877.	6.7	8

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73	Voltammetry and Single-Molecule in Situ Scanning Tunneling Microscopy of Laccases and Bilirubin Oxidase in Electrocatalytic Dioxygen Reduction on Au(111) Single-Crystal Electrodes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1232-1243.	1.5	61
74	Polycation Induced Potential Dependent Structural Transitions of Oligonucleotide Monolayers on Au(111)-Surfaces. <i>Journal of the American Chemical Society</i> , 2012, 134, 19092-19098.	6.6	15
75	Spontaneous and Fast Growth of Large-Area Graphene Nanofilms Facilitated by Oil/Water Interfaces. <i>Advanced Materials</i> , 2012, 24, 3958-3964.	11.1	66
76	Characterizing the Kinetics of Nanoparticle-Catalyzed Reactions by Surface-Enhanced Raman Scattering. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7592-7596.	7.2	157
77	Electrochemical Single-Molecule AFM of the Redox Metalloenzyme Copper Nitrite Reductase in Action. <i>ChemPhysChem</i> , 2012, 13, 2919-2924.	1.0	20
78	Interfacial electrochemical electron transfer in biology – Towards the level of the single molecule. <i>FEBS Letters</i> , 2012, 586, 526-535.	1.3	41
79	Gold Mining by Alkanethiol Radicals: Vacancies and Pits in the Self-Assembled Monolayers of 1-Propanethiol and 1-Butanethiol on Au(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 10630-10639.	1.5	36
80	Adhesive properties of <i>Staphylococcus epidermidis</i> probed by atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9995.	1.3	17
81	Chain-Branching Control of the Atomic Structure of Alkanethiol-Based Gold-Sulfur Interfaces. <i>Journal of the American Chemical Society</i> , 2011, 133, 14856-14859.	6.6	30
82	Electrochemically controlled self-assembled monolayers characterized with molecular and sub-molecular resolution. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5526.	1.3	30
83	Distinct roles of extracellular polymeric substances in <i>Pseudomonas aeruginosa</i> biofilm development. <i>Environmental Microbiology</i> , 2011, 13, 1705-1717.	1.8	196
84	Investigation of <i>Streptococcus mutans</i> biofilm growth on modified Au(111)-surfaces using AFM and electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 41-49.	1.9	10
85	1.7 nm Platinum Nanoparticles: Synthesis with Glucose Starch, Characterization and Catalysis. <i>ChemPhysChem</i> , 2010, 11, 2844-2853.	1.0	22
86	Adsorption of human insulin on single-crystal gold surfaces investigated by in situ scanning tunnelling microscopy and electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9999.	1.3	14
87	Approach to Interfacial and Intramolecular Electron Transfer of the Diheme Protein Cytochrome <i>c</i> <sub>4</sub> Assembled on Au(111) Surfaces. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5617-5624.	1.2	34
88	Interfacial Electrochemical Electron Transfer Processes in Bacterial Biofilm Environments on Au(111). <i>Langmuir</i> , 2010, 26, 9094-9103.	1.6	13
89	Organic compounds inhibiting <i>S. epidermidis</i> adhesion and biofilm formation. <i>Ultramicroscopy</i> , 2009, 109, 881-888.	0.8	23
90	Scanning Tunneling Microscopic Observation of Adatom-Mediated Motifs on Gold-Thiol Self-Assembled Monolayers at High Coverage. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19601-19608.	1.5	26

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91	Long-Range Interfacial Electrochemical Electron Transfer of <i>Pseudomonas aeruginosa</i> Azurin-Gold Nanoparticle Hybrid Systems. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13993-14000.	1.5	43
92	Submolecular Electronic Mapping of Single Cysteine Molecules by in Situ Scanning Tunneling Imaging. <i>Langmuir</i> , 2009, 25, 2232-2240.	1.6	25
93	Green synthesis of gold nanoparticles with starch-glucose and application in bioelectrochemistry. <i>Journal of Materials Chemistry</i> , 2009, 19, 7839.	6.7	165
94	Single-Molecule Electron Transfer in Electrochemical Environments. <i>Chemical Reviews</i> , 2008, 108, 2737-2791.	23.0	276
95	Hydrogen Evolution on Supported Incomplete Cubane-type [Mo <sub>3</sub> S <sub>4</sub> ] <sup>4+</sup> Electrocatalysts. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17492-17498.	1.5	218
96	Surface-induced intramolecular electron transfer in multi-centre redox metalloproteins: the di-haem protein cytochrome c <sub>4</sub> in homogeneous solution and at electrochemical surfaces. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 374124.	0.7	5
97	Charge Transfer And Interfacial Bioelectrochemistry At The Nanoscale And Single-Molecule Levels. , 2008, , 249-302.		6
98	Voltammetry and Electrocatalysis of <i>Achromobacter xylosoxidans</i> Copper Nitrite Reductase on Functionalized Au(111)-Electrode Surfaces. <i>Zeitschrift Fur Physikalische Chemie</i> , 2007, 221, 1343-1378.	1.4	19
99	Single-Molecule Conductance of Redox Molecules in Electrochemical Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6703-6712.	1.2	100
100	Kinetics and Mechanism of the Acid Transition of the Active Site in Plastocyanin. <i>Biochemistry</i> , 2007, 46, 14619-14628.	1.2	9
101	Chemisorbed and Physisorbed Structures for 1,10-Phenanthroline and Dipyrido[3,2- <i>a</i> :2',3'- <i>c</i> ]phenazine on Au(111). <i>Journal of Physical Chemistry C</i> , 2007, 111, 17285-17296.	1.5	25
102	Oxygen-free in situ scanning tunnelling microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 213-220.	1.9	43
103	Adsorption and In Situ Scanning Tunneling Microscopy of Cysteine on Au(111): Structure, Energy, and Tunneling Contrasts. <i>Langmuir</i> , 2006, 22, 7556-7567.	1.6	68
104	Surface Microscopic Structure and Electrochemical Rectification of a Branched Alkanethiol Self-Assembled Monolayer. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1102-1106.	1.2	37
105	Assembled monolayers of Mo <sub>3</sub> S <sub>4</sub> <sup>+</sup> clusters on well-defined surfaces. <i>Dalton Transactions</i> , 2006, , 3985.	1.6	31
106	Long-range interfacial electron transfer of metalloproteins based on molecular wiring assemblies. <i>Faraday Discussions</i> , 2006, 131, 181-195.	1.6	71
107	Voltammetry and In Situ Scanning Tunneling Microscopy of Cytochrome c Nitrite Reductase on Au(111) Electrodes. <i>Biophysical Journal</i> , 2006, 91, 3897-3906.	0.2	21
108	Assembly Dynamics and Detailed Structure of 1-Propanethiol Monolayers on Au(111) Surfaces Observed Real Time by in situ STM. <i>Langmuir</i> , 2006, 22, 6203-6213.	1.6	79

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109	Potential-induced structural transitions of DL-homocysteine monolayers on Au(111) electrode surfaces. <i>Chemical Physics</i> , 2005, 319, 210-221.	0.9	37
110	Electrochemistry and bioelectrochemistry towards the single-molecule level: Theoretical notions and systems. <i>Electrochimica Acta</i> , 2005, 50, 3143-3159.	2.6	51
111	Self-Assembly of Biomolecules on Electrode Surfaces; Oligonucleotides, Amino Acids, and Proteins toward the Single-Molecule Level. <i>Perspectives in Bioanalysis</i> , 2005, 1, 485-516.	0.3	12
112	Coexistence of Multiple Conformations in Cysteamine Monolayers on Au(111). <i>Journal of Physical Chemistry B</i> , 2005, 109, 15355-15367.	1.2	79
113	Thiol- and disulfide-modified oligonucleotide monolayer structures on polycrystalline and single-crystal Au(111) surfaces. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 474-481.	1.2	37
114	Dynamics of Ordered-Domain Formation of DNA fragments on Au(111) with Molecular Resolution. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 198-203.	7.2	44
115	In situ STM Imaging and Direct Electrochemistry of <i>Pyrococcus furiosus</i> Ferredoxin Assembled on Thiolate-Modified Au(111) Surfaces. <i>Langmuir</i> , 2004, 20, 10200-10207.	1.6	53
116	Long-Range Order of Organized Oligonucleotide Monolayers on Au(111) Electrodes. <i>Langmuir</i> , 2004, 20, 1647-1655.	1.6	49
117	Electron Transfer and Redox Metalloenzyme Catalysis at the Single-Molecule Level. <i>Israel Journal of Chemistry</i> , 2004, 44, 89-100.	1.0	8
118	Nanoscale and Single-Molecule Interfacial Electron Transfer. <i>Russian Journal of Electrochemistry</i> , 2003, 39, 108-117.	0.3	6
119	In situ scanning tunnelling microscopy of redox molecules. Coherent electron transfer at large bias voltages. <i>Journal of Electroanalytical Chemistry</i> , 2003, 541, 133-146.	1.9	55
120	Adsorption and Interfacial Electron Transfer of <i>Saccharomyces Cerevisiae</i> Yeast Cytochrome <i>c</i> Monolayers on Au(111) Electrodes. <i>Langmuir</i> , 2003, 19, 3419-3427.	1.6	58
121	Catalytic Monolayer Voltammetry and In Situ Scanning Tunneling Microscopy of Copper Nitrite Reductase on Cysteamine-Modified Au(111) Electrodes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12480-12484.	1.2	50
122	Monolayer Assemblies of a De Novo Designed 4- $\alpha$ -Helix Bundle Carboprotein and Its Sulfur Anchor Fragment on Au(111) Surfaces Addressed by Voltammetry and In Situ Scanning Tunneling Microscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 94-104.	6.6	44
123	Electron transfer behaviour of biological macromolecules towards the single-molecule level. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S1873-S1890.	0.7	26
124	Electronic Properties of Functional Biomolecules at Metal/Aqueous Solution Interfaces. <i>Journal of Physical Chemistry B</i> , 2002, 106, 1131-1152.	1.2	165
125	Monolayers of a de novo designed 4- $\alpha$ -helix bundle carboprotein and partial structures on Au(111)-surfaces. <i>Bioelectrochemistry</i> , 2002, 56, 27-32.	2.4	7
126	Organized Monolayers of Biological Macromolecules on Au(111) Surfaces. <i>Russian Journal of Electrochemistry</i> , 2002, 38, 68-76.	0.3	9



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127	Ordered Assembly and Controlled Electron Transfer of the Blue Copper Protein Azurin at Gold (111) Single-Crystal Substrates. <i>Journal of Physical Chemistry B</i> , 2001, 105, 4669-4679.	1.2	223
128	In situ scanning tunneling microscopy of maleic acid and fumaric acid adsorbed on Pt(111). <i>Journal of Electroanalytical Chemistry</i> , 2001, 500, 156-162.	1.9	3
129	Deuterium isotope effect on the intramolecular electron transfer in <i>Pseudomonas aeruginosa</i> azurin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4426-4430.	3.3	37
130	Two-Dimensional Cysteine and Cystine Cluster Networks on Au(111) Disclosed by Voltammetry and in Situ Scanning Tunneling Microscopy. <i>Langmuir</i> , 2000, 16, 7229-7237.	1.6	209
131	Creating nanoscale pits on solid surfaces in aqueous environment with scanning tunnelling microscopy. <i>Surface Science</i> , 2000, 463, L641-L648.	0.8	19
132	Molecular Monolayers and Interfacial Electron Transfer of <i>Pseudomonas aeruginosa</i> Azurin on Au(111). <i>Journal of the American Chemical Society</i> , 2000, 122, 4047-4055.	6.6	251
133	An approach to long-range electron transfer mechanisms in metalloproteins: In situ scanning tunneling microscopy with submolecular resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1379-1384.	3.3	135
134	Electrochemistry of self-assembled monolayers of the blue copper protein <i>Pseudomonas aeruginosa</i> azurin on Au(111). <i>Electrochemistry Communications</i> , 1999, 1, 91-96.	2.3	76
135	In situ scanning probe microscopy and new perspectives in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 665-674.	5.8	7
136	Molecular Characterization of Beef Liver Catalase by Scanning Tunneling Microscopy. <i>Electroanalysis</i> , 1998, 10, 738-746.	1.5	23
137	In situ electrochemical scanning tunneling microscopy investigation of renewing graphite surface accompanied by electrochemical reaction. <i>Surface Science</i> , 1996, 364, L530-L539.	0.8	2
138	Orientation and electrocatalysis of riboflavin adsorbed on carbon substrate surfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 1913.	1.7	12
139	In situ electrochemical scanning tunnelling microscopy investigation of structure for horseradish peroxidase and its electricatalytic property. <i>Bioelectrochemistry</i> , 1996, 39, 267-274.	1.0	69
140	A carbon single crystal electrode for an electrochemical quartz crystal microbalance study. <i>Journal of Electroanalytical Chemistry</i> , 1996, 419, 1-6.	1.9	12
141	A comparative study on stm imaging and electrocatalytic activity of different surfaces modified with flavin adenine dinucleotide. <i>Electrochimica Acta</i> , 1995, 40, 733-744.	2.6	26
142	STM investigation of HOPG superperiodic features caused by electrochemical pretreatment. <i>Journal of Electroanalytical Chemistry</i> , 1995, 399, 83-89.	1.9	16
143	STM of folded and unfolded haemoglobin molecules electrochemically deposited on highly oriented pyrolytic graphite. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 1471.	1.7	6
144	Direct electrochemistry and surface characterization of glucose oxidase adsorbed on anodized carbon electrodes. <i>Electrochimica Acta</i> , 1994, 39, 2431-2438.	2.6	78

#	ARTICLE	IF	CITATIONS
145	Ordered arrays of myoglobin adsorbed on the surfactant modified surface by scanning tunneling microscopy. <i>Surface Science</i> , 1994, 321, L195-L201.	0.8	2
146	Direct observation of native and unfolded glucose oxidase structures by scanning tunnelling microscopy. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 2057.	1.7	41