

Pau Gorostiza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5873892/publications.pdf>

Version: 2024-02-01

124
papers

5,657
citations

71102

41
h-index

85541

71
g-index

140
all docs

140
docs citations

140
times ranked

6100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Distance and Potential Dependence of Charge Transport Through the Reaction Center of Individual Photosynthetic Complexes. <i>Small</i> , 2022, 18, 2104366. | 10.0 | 4 |
| 2 | Fast Photoswitchable Molecular Prosthetics Control Neuronal Activity in the Cochlea. <i>Journal of the American Chemical Society</i> , 2022, 144, 9229-9239. | 13.7 | 3 |
| 3 | Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie</i> , 2021, 133, 3669-3675. | 2.0 | 5 |
| 4 | Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3625-3631. | 13.8 | 29 |
| 5 | Fast Photo-Chrono-Amperometry of Photosynthetic Complexes for Biosensors and Electron Transport Studies. <i>ACS Sensors</i> , 2021, 6, 581-587. | 7.8 | 2 |
| 6 | Control of Brain State Transitions with a Photoswitchable Muscarinic Agonist. <i>Advanced Science</i> , 2021, 8, e2005027. | 11.2 | 8 |
| 7 | Rational Design of Photochromic Analogues of Tricyclic Drugs. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9259-9270. | 6.4 | 9 |
| 8 | Subunit-Specific Photocontrol of Glycine Receptors by Azobenzene-Nitrazepam Photoswitcher. <i>ENeuro</i> , 2021, 8, ENEURO.0294-20.2020. | 1.9 | 9 |
| 9 | Photoswitchable dynasore analogs to control endocytosis with light. <i>Chemical Science</i> , 2020, 11, 8981-8988. | 7.4 | 3 |
| 10 | An Azobenzene-Based Single-Component Supramolecular Polymer Responsive to Multiple Stimuli in Water. <i>Journal of the American Chemical Society</i> , 2020, 142, 10069-10078. | 13.7 | 49 |
| 11 | Kainate Receptor Activation Shapes Short-Term Synaptic Plasticity by Controlling Receptor Lateral Mobility at Glutamatergic Synapses. <i>Cell Reports</i> , 2020, 31, 107735. | 6.4 | 15 |
| 12 | Photomodulation of Inhibitory Neurotransmission. Insights from Molecular Modeling. <i>Biophysical Journal</i> , 2020, 118, 325a-326a. | 0.5 | 0 |
| 13 | Optical Control of GABA _A Receptors with a Fulgimide-Based Potentiator. <i>Chemistry - A European Journal</i> , 2020, 26, 12722-12727. | 3.3 | 12 |
| 14 | Photocontrol of Endogenous Glycine Receptors In Vivo. <i>Cell Chemical Biology</i> , 2020, 27, 1425-1433.e7. | 5.2 | 16 |
| 15 | Electrochemically Gated Long-Distance Charge Transport in Photosystem...I. <i>Angewandte Chemie</i> , 2019, 131, 13414-13418. | 2.0 | 0 |
| 16 | Electrochemically Gated Long-Distance Charge Transport in Photosystem...I. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13280-13284. | 13.8 | 8 |
| 17 | Reversible silencing of endogenous receptors in intact brain tissue using 2-photon pharmacology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13680-13689. | 7.1 | 17 |
| 18 | Synthetic Photoswitchable Neurotransmitters Based on Bridged Azobenzenes. <i>Organic Letters</i> , 2019, 21, 3780-3784. | 4.6 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Optical Control of Cardiac Function with a Photoswitchable Muscarinic Agonist. <i>Journal of the American Chemical Society</i> , 2019, 141, 7628-7636. | 13.7 | 52 |
| 20 | A photoswitchable GABA receptor channel blocker. <i>British Journal of Pharmacology</i> , 2019, 176, 2661-2677. | 5.4 | 20 |
| 21 | Rationally designed azobenzene photoswitches for efficient two-photon neuronal excitation. <i>Nature Communications</i> , 2019, 10, 907. | 12.8 | 86 |
| 22 | Photochromic antifolate for light-activated chemotherapy. , 2019, , . | | 1 |
| 23 | Dendrimer-based Uneven Nanopatterns to Locally Control Surface Adhesiveness: A Method to Direct Chondrogenic Differentiation. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.3 | 5 |
| 24 | Light-induced regulation of ligand-gated channel activity. <i>British Journal of Pharmacology</i> , 2018, 175, 1892-1902. | 5.4 | 25 |
| 25 | Long distance electron transfer through the aqueous solution between redox partner proteins. <i>Nature Communications</i> , 2018, 9, 5157. | 12.8 | 30 |
| 26 | Photoswitchable Antimetabolite for Targeted Photoactivated Chemotherapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 15764-15773. | 13.7 | 84 |
| 27 | Targeted Nanoswitchable Inhibitors of Protein-Protein Interactions Involved in Apoptosis. <i>ChemMedChem</i> , 2018, 14, 100-106. | 3.2 | 7 |
| 28 | Positional isomers of bispyridine benzene derivatives induce efficacy changes on mGlu5 negative allosteric modulation. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 567-576. | 5.5 | 14 |
| 29 | Illuminating Phenylazopyridines To Photoswitch Metabotropic Glutamate Receptors: From the Flask to the Animals. <i>ACS Central Science</i> , 2017, 3, 81-91. | 11.3 | 58 |
| 30 | Bioengineering a Single-Protein Junction. <i>Journal of the American Chemical Society</i> , 2017, 139, 15337-15346. | 13.7 | 84 |
| 31 | Differential Electrochemical Conductance Imaging at the Nanoscale. <i>Small</i> , 2017, 13, 1700958. | 10.0 | 14 |
| 32 | Tight temporal coupling between synaptic rewiring of olfactory glomeruli and the emergence of odor-guided behavior in <i>Xenopus</i> tadpoles. <i>Journal of Comparative Neurology</i> , 2017, 525, 3769-3783. | 1.6 | 4 |
| 33 | Optical control of endogenous receptors and cellular excitability using targeted covalent photoswitches. <i>Nature Communications</i> , 2016, 7, 12221. | 12.8 | 50 |
| 34 | OptoGluNAM4.1, a Photoswitchable Allosteric Antagonist for Real-Time Control of mGlu 4 Receptor Activity. <i>Cell Chemical Biology</i> , 2016, 23, 929-934. | 5.2 | 68 |
| 35 | Shining Light on an mGlu5 Photoswitchable NAM: A Theoretical Perspective. <i>Current Neuropharmacology</i> , 2016, 14, 441-454. | 2.9 | 18 |
| 36 | Absence of a Stable Secondary Structure Is Not a Limitation for Photoswitchable Inhibitors of β 2-Arrestin/ β 2-Adaptin 2 Protein-Protein Interaction. <i>Chemistry and Biology</i> , 2015, 22, 31-37. | 6.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | An Optimized Glutamate Receptor Photoswitch with Sensitized Azobenzene Isomerization. <i>Journal of Organic Chemistry</i> , 2015, 80, 9915-9925. | 3.2 | 31 |
| 38 | Direct Measurement of the Nanomechanical Stability of a Redox Protein Active Site and Its Dependence upon Metal Binding. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12050-12058. | 2.6 | 16 |
| 39 | Large-scale dendrimer-based uneven nanopatterns for the study of local arginine-glycine-aspartic acid (RGD) density effects on cell adhesion. <i>Nano Research</i> , 2014, 7, 399-409. | 10.4 | 27 |
| 40 | Conductance Switching in Single Wired Redox Proteins. <i>Small</i> , 2014, 10, 2537-2541. | 10.0 | 44 |
| 41 | Two-Photon Neuronal and Astrocytic Stimulation with Azobenzene-Based Photoswitches. <i>Journal of the American Chemical Society</i> , 2014, 136, 8693-8701. | 13.7 | 103 |
| 42 | A double effect molecular switch leads to a novel potent negative allosteric modulator of metabotropic glutamate receptor 5. <i>MedChemComm</i> , 2014, 5, 1548-1554. | 3.4 | 12 |
| 43 | An allosteric modulator to control endogenous G protein-coupled receptors with light. <i>Nature Chemical Biology</i> , 2014, 10, 813-815. | 8.0 | 147 |
| 44 | Photomodulation of G Protein-Coupled Adenosine Receptors by a Novel Light-Switchable Ligand. <i>Bioconjugate Chemistry</i> , 2014, 25, 1847-1854. | 3.6 | 44 |
| 45 | Optical Control of Enzyme Enantioselectivity in Solid Phase. <i>ACS Catalysis</i> , 2014, 4, 1004-1009. | 11.2 | 22 |
| 46 | Nanoscale charge transfer in redox proteins and DNA: Towards biomolecular electronics. <i>Electrochimica Acta</i> , 2014, 140, 83-95. | 5.2 | 29 |
| 47 | Photoswitchable Ion Channels and Receptors. <i>Advances in Atom and Single Molecule Machines</i> , 2014, , 169-188. | 0.0 | 4 |
| 48 | Automated high-throughput measurement of body movements and cardiac activity of <i>Xenopus tropicalis</i> tadpoles. <i>Journal of Biological Methods</i> , 2014, 1, e9. | 0.6 | 3 |
| 49 | Scanning Tunneling Microscopy Studies of Immobilized Biomolecules. , 2014, , 1851-1868. | | 0 |
| 50 | Light-Regulated Stapled Peptides to Inhibit Protein-Protein Interactions Involved in Clathrin-Mediated Endocytosis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7704-7708. | 13.8 | 88 |
| 51 | Optical control of calcium-regulated exocytosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2853-2860. | 2.4 | 15 |
| 52 | Optical Modulation of Neurotransmission. <i>Biophysical Journal</i> , 2013, 104, 497a. | 0.5 | 1 |
| 53 | Titelbild: Light-Regulated Stapled Peptides to Inhibit Protein-Protein Interactions Involved in Clathrin-Mediated Endocytosis (<i>Angew. Chem.</i> 30/2013). <i>Angewandte Chemie</i> , 2013, 125, 7759-7759. | 2.0 | 0 |
| 54 | New GABA amides activating GABAA-receptors. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 406-410. | 2.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Optical modulation of neurotransmission using calcium photocurrents through the ion channel iGluR. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 3. | 2.9 | 17 |
| 56 | Molecular probes and switches for functional analysis of receptors, ion channels and synaptic networks. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 48. | 2.9 | 4 |
| 57 | Transistor-like Behavior of Single Metalloprotein Junctions. <i>Nano Letters</i> , 2012, 12, 2679-2684. | 9.1 | 90 |
| 58 | Currentâ€“Voltage Characteristics and Transition Voltage Spectroscopy of Individual Redox Proteins. <i>Journal of the American Chemical Society</i> , 2012, 134, 20218-20221. | 13.7 | 53 |
| 59 | Direct Measurement of Electron Transfer Distance Decay Constants of Single Redox Proteins by Electrochemical Tunneling Spectroscopy. <i>ACS Nano</i> , 2011, 5, 2060-2066. | 14.6 | 48 |
| 60 | A robust molecular platform for non-volatile memory devices with optical and magnetic responses. <i>Nature Chemistry</i> , 2011, 3, 359-364. | 13.6 | 192 |
| 61 | Photoswitchable Ligand-Gated Ion Channels. <i>Neuromethods</i> , 2011, , 267-285. | 0.3 | 0 |
| 62 | Nanosculpting reversed wavelength sensitivity into a photoswitchable iGluR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6814-6819. | 7.1 | 82 |
| 63 | Direct Observation of the Valence Band Edge by in Situ ECSTM-ECTS in p-Type Cu ₂ O Layers Prepared by Copper Anodization. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1028-1036. | 3.1 | 99 |
| 64 | Optical Switches for Remote and Noninvasive Control of Cell Signaling. <i>Science</i> , 2008, 322, 395-399. | 12.6 | 296 |
| 65 | Nanoengineering Ion Channels for Optical Control. <i>Physiology</i> , 2008, 23, 238-247. | 3.1 | 27 |
| 66 | Remote Control of Neuronal Activity with a Light-Gated Glutamate Receptor. <i>Neuron</i> , 2007, 54, 535-545. | 8.1 | 310 |
| 67 | Reversibly Caged Glutamate:Â A Photochromic Agonist of Ionotropic Glutamate Receptors. <i>Journal of the American Chemical Society</i> , 2007, 129, 260-261. | 13.7 | 154 |
| 68 | Mechanisms of photoswitch conjugation and light activation of an ionotropic glutamate receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10865-10870. | 7.1 | 169 |
| 69 | Optical switches and triggers for the manipulation of ion channels and pores. <i>Molecular BioSystems</i> , 2007, 3, 686. | 2.9 | 68 |
| 70 | Diving in Solid/Liquid Nanointerfaces. <i>Imaging & Microscopy</i> , 2007, 9, 61-62. | 0.1 | 0 |
| 71 | The twisted ion-permeation pathway of a resting voltage-sensing domain. <i>Nature</i> , 2007, 445, 546-549. | 27.8 | 130 |
| 72 | Titration Force Microscopy on Supported Lipid Bilayers. <i>Analytical Chemistry</i> , 2006, 78, 61-70. | 6.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Conductance Maps by Electrochemical Tunneling Spectroscopy To Fingerprint the Electrode Electronic Structure. <i>Analytical Chemistry</i> , 2006, 78, 7325-7329. | 6.5 | 23 |
| 74 | Water Exclusion at the Nanometer Scale Provides Long-Term Passivation of Silicon (111) Grafted with Alkyl Monolayers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5576-5585. | 2.6 | 54 |
| 75 | In situ studies of metal passive films. <i>Current Opinion in Solid State and Materials Science</i> , 2006, 10, 144-152. | 11.5 | 42 |
| 76 | Allosteric control of an ionotropic glutamate receptor with an optical switch. <i>Nature Chemical Biology</i> , 2006, 2, 47-52. | 8.0 | 558 |
| 77 | The iron passive film breakdown in chloride media may be mediated by transient chloride-induced surface states located within the band gap. <i>Electrochemistry Communications</i> , 2006, 8, 627-632. | 4.7 | 30 |
| 78 | Electronic barriers in the iron oxide film govern its passivity and redox behavior: Effect of electrode potential and solution pH. <i>Electrochemistry Communications</i> , 2006, 8, 1595-1602. | 4.7 | 37 |
| 79 | Nanomechanics of silicon surfaces with atomic force microscopy: An insight to the first stages of plastic deformation. <i>Journal of Chemical Physics</i> , 2005, 123, 114711. | 3.0 | 30 |
| 80 | Molecular Handles for the Mechanical Manipulation of Single-Membrane Proteins in Living Cells. <i>IEEE Transactions on Nanobioscience</i> , 2005, 4, 269-276. | 3.3 | 3 |
| 81 | Collective behaviour in two-dimensional cobalt nanoparticle assemblies observed by magnetic force microscopy. <i>Nature Materials</i> , 2004, 3, 263-268. | 27.5 | 297 |
| 82 | Alkali halide nanocrystal growth and etching studied by AFM and modeled by MD simulations. <i>Journal of Chemical Physics</i> , 2004, 120, 2963-2971. | 3.0 | 16 |
| 83 | Preparation of Reliable Probes for Electrochemical Tunneling Spectroscopy. <i>Analytical Chemistry</i> , 2004, 76, 5218-5222. | 6.5 | 41 |
| 84 | Electrochemically Grown Tin Oxide Thin Films: In Situ Characterization of Electronic Properties and Growth Mechanism. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8173-8181. | 2.6 | 15 |
| 85 | Self-Assembly of Drug-Polymer Complexes: A Spontaneous Nanoencapsulation Process Monitored by Atomic Force Microscopy**This work was presented in part at the 13th International Symposium on Microencapsulation, September 7-11, 2001, Angers, France.. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 77-83. | 3.3 | 13 |
| 86 | Electrochemical Characterization of the Open-Circuit Deposition of Platinum on Silicon from Fluoride Solutions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6454-6461. | 2.6 | 51 |
| 87 | Direct Evidence of the Electronic Conduction of the Passive Film on Iron by EC-STM. <i>Journal of the Electrochemical Society</i> , 2003, 150, B348. | 2.9 | 31 |
| 88 | Control of neurotransmitter release by an internal gel matrix in synaptic vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3485-3490. | 7.1 | 88 |
| 89 | An electrochemical study of tin oxide thin film in borate buffer solutions. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 523-529. | 0.6 | 17 |
| 90 | Nanoindentation: Toward the sensing of atomic interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5228-5232. | 7.1 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Nanoindentation: From forces to energies. Materials Research Society Symposia Proceedings, 2002, 738, 621. | 0.1 | 0 |
| 92 | Supramolecular Properties of the Proline-Rich $\hat{\beta}$ -Zein N-Terminal Domain. Biophysical Journal, 2002, 83, 1194-1204. | 0.5 | 50 |
| 93 | Electrochemical deposition of metal layers and structures for Si-based microsystems. Sensors and Actuators A: Physical, 2002, 99, 41-44. | 4.1 | 6 |
| 94 | Sequential atomic force microscopy imaging of a spontaneous nanoencapsulation process. International Journal of Pharmaceutics, 2002, 242, 291-294. | 5.2 | 6 |
| 95 | First Stages of Electrochemical Growth of the Passive Film on Iron. Journal of the Electrochemical Society, 2001, 148, B307. | 2.9 | 82 |
| 96 | Self-assembly of the amphipathic helix (VHLPPP) ₈ . A mechanism for zein protein body formation ¹¹ Edited by W. Baumeister. Journal of Molecular Biology, 2001, 312, 907-913. | 4.2 | 52 |
| 97 | Nanomechanical properties of surfaces of molecular organic thin films. Synthetic Metals, 2001, 121, 1417-1418. | 3.9 | 4 |
| 98 | In situ analysis of the conductance of SnO ₂ crystalline nanoparticles in the presence of oxidizing or reducing atmosphere by scanning tunneling microscopy. Sensors and Actuators B: Chemical, 2001, 78, 57-63. | 7.8 | 16 |
| 99 | Platinum Electroless Deposition on Silicon from Hydrogen Fluoride Solutions: Electrical Properties. Journal of the Electrochemical Society, 2001, 148, C528. | 2.9 | 30 |
| 100 | Structural and Micromechanical Assessment of Electrochemically Grown Metal Layers for Si Magnetic Microactuators. Materials Research Society Symposia Proceedings, 2000, 657, 421. | 0.1 | 1 |
| 101 | Atomic-layer expulsion in nanoindentations on an ionic single crystal. Applied Physics Letters, 2000, 77, 839-841. | 3.3 | 22 |
| 102 | Charge Exchange Processes during the Open-Circuit Deposition of Nickel on Silicon from Fluoride Solutions. Journal of the Electrochemical Society, 2000, 147, 1026. | 2.9 | 90 |
| 103 | Atomic force microscopy study of nanoindentation creep on the (100) face of MgO single crystals. Surface Science, 2000, 446, 314-322. | 1.9 | 16 |
| 104 | Polymorphic transformations observed on molecular organic thin films: p -nitrophenyl nitronyl nitroxide radical. Europhysics Letters, 1999, 48, 461-467. | 2.0 | 9 |
| 105 | Atomic force microscopy study of nanoindentation deformation and indentation size effect in MgO crystals. Journal of Materials Research, 1999, 14, 3973-3982. | 2.6 | 19 |
| 106 | Simultaneous platinum deposition and formation of a photoluminescent porous silicon layer. Journal of Electroanalytical Chemistry, 1999, 469, 48-52. | 3.8 | 45 |
| 107 | Determination of micromechanical properties of thin films by beam bending measurements with an atomic force microscope. Sensors and Actuators A: Physical, 1999, 74, 134-138. | 4.1 | 55 |
| 108 | Surface characterization of TTF-TCNQ thin films evaporated on alkali halide substrates. Synthetic Metals, 1999, 102, 1607-1608. | 3.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Study of the surface morphology of the (100) cleavage planes of MgO single crystals by atomic force microscopy. <i>Surface Science</i> , 1999, 424, 139-144. | 1.9 | 10 |
| 110 | In situ study of the recovery of nanoindentation deformation of the (100) face of MgO crystals by atomic force microscopy. <i>Surface Science</i> , 1999, 442, 161-178. | 1.9 | 17 |
| 111 | Measurement of micromechanical properties of polysilicon microstructures with an atomic force microscope. <i>Sensors and Actuators A: Physical</i> , 1998, 67, 215-219. | 4.1 | 42 |
| 112 | Surface morphology of grown thin films of the quasi one-dimensional organic conductor TTF-TCNQ studied by Atomic Force Microscopy. <i>Surface Science</i> , 1998, 395, 205-215. | 1.9 | 14 |
| 113 | Dislocation hollow cores observed on surfaces of molecular organic thin films: p-nitrophenyl nitroxyl nitroxide radical. <i>Surface Science</i> , 1998, 415, 241-250. | 1.9 | 14 |
| 114 | Atomic Force Microscopy Study of the Silicon Doping Influence on the First Stages of Platinum Electroless Deposition. <i>Journal of the Electrochemical Society</i> , 1997, 144, 909-914. | 2.9 | 51 |
| 115 | Different Behavior in the Deposition of Platinum from HF Solutions on n- and p-type (100) Si Substrates. <i>Journal of the Electrochemical Society</i> , 1997, 144, 4119-4122. | 2.9 | 31 |
| 116 | Nanotribological Properties of Octadecyltrichlorosilane Self-Assembled Ultrathin Films Studied by Atomic Force Microscopy: Contact and Tapping Modes. <i>Langmuir</i> , 1997, 13, 2333-2339. | 3.5 | 54 |
| 117 | Surface step bunching and crystal defects in InAlAs films grown by molecular beam epitaxy on (111)B InP substrates. <i>Applied Physics Letters</i> , 1997, 71, 2961-2963. | 3.3 | 11 |
| 118 | Enhanced surface atomic step motion observed in real time after nanoindentation of NaCl(100). <i>Surface Science</i> , 1997, 380, 427-433. | 1.9 | 9 |
| 119 | Nature of multilayer steps on the {100} cleavage planes of MgO single crystals. <i>Surface Science</i> , 1997, 383, 78-87. | 1.9 | 20 |
| 120 | Atomic force microscopic study of step bunching and macrostep formation during the growth of L-arginine phosphate monohydrate single crystals. <i>Journal of Crystal Growth</i> , 1997, 172, 209-218. | 1.5 | 17 |
| 121 | Atomic force microscopy observation of the first stages of diamond growth on silicon. <i>Diamond and Related Materials</i> , 1996, 5, 592-597. | 3.9 | 20 |
| 122 | First stages of platinum electroless deposition on silicon (100) from hydrogen fluoride solutions studied by AFM. <i>Thin Solid Films</i> , 1996, 275, 12-17. | 1.8 | 46 |
| 123 | Nanometer-scale oxidation of Si(100) surfaces by tapping mode atomic force microscopy. <i>Journal of Applied Physics</i> , 1995, 78, 6797-6801. | 2.5 | 84 |
| 124 | Electrodeposition of Zinc-Cobalt Alloys: Tapping Mode AFM Technique Applied to Study the Initial Stages of Deposition. <i>Journal of the Electrochemical Society</i> , 1995, 142, 4091-4096. | 2.9 | 22 |