

Mark M Banaszak Holl

List of Publications by Year in descending order

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244
papers

11,906
citations

30551

56
h-index

38517

99
g-index

249
all docs

249
docs citations

249
times ranked

14867
citing authors

#	ARTICLE	IF	CITATIONS
1	Column Agglutination Assay Using Polystyrene Microbeads for Rapid Detection of Antibodies against SARS-CoV-2. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2501-2509.	4.0	3
2	Anti-tumor Effect of Folate-Binding Protein: <i>in Vitro</i> and <i>in Vivo</i> Studies. <i>Molecular Pharmaceutics</i> , 2022, 19, 843-852.	2.3	3
3	Morphology and Viscosity Changes after Reactive Uptake of Isoprene Epoxydiols in Submicrometer Phase Separated Particles with Secondary Organic Aerosol Formed from Different Volatile Organic Compounds. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 871-882.	1.2	11
4	Photocatalytic Degradation of 1,4-Dioxane and Malachite Green over Zinc Oxide/Cellulose Nanofiber Using UVA/B from Direct Sunlight and a Continuous Flow Reactor. <i>ACS ES&T Water</i> , 2022, 2, 786-797.	2.3	4
5	Nanoparticle Surface Cross-Linking: A Universal Strategy to Enhance the Mechanical Properties of Latex Films. <i>Macromolecules</i> , 2022, 55, 5301-5313.	2.2	7
6	Matrix/mineral ratio and domain size variation with bone tissue age: A photothermal infrared study. <i>Journal of Structural Biology</i> , 2022, 214, 107878.	1.3	5
7	Cyclodextrin metal-organic framework-polymer composite membranes towards ultimate and stable enantioselectivity. <i>Journal of Membrane Science</i> , 2021, 620, 118956.	4.1	42
8	Thermally regenerable metal-organic framework with high monovalent metal ion selectivity. <i>Chemical Engineering Journal</i> , 2021, 405, 127037.	6.6	31
9	Hierarchical Nature of Nanoscale Porosity in Bone Revealed by Positron Annihilation Lifetime Spectroscopy. <i>ACS Nano</i> , 2021, 15, 4321-4334.	7.3	8
10	Engineering laminated paper for SARS-CoV-2 medical gowns. <i>Polymer</i> , 2021, 222, 123643.	1.8	5
11	Polymerization-Induced Hierarchical Self-Assembly: From Monomer to Complex Colloidal Molecules and Beyond. <i>ACS Nano</i> , 2021, 15, 13721-13731.	7.3	25
12	Visible-Light-Sensitive Triazine-Coated Silica Nanoparticles: A Dual Role Approach to Polymer Nanocomposite Materials with Enhanced Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46033-46042.	4.0	9
13	Uptake and Retention of Nanoplastics in Quagga Mussels. <i>Global Challenges</i> , 2020, 4, 1800104.	1.8	28
14	Microplastic Pollution in Deep-Sea Sediments From the Great Australian Bight. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	137
15	ZnO/Cellulose Nanofiber Composites for Sustainable Sunlight-Driven Dye Degradation. <i>ACS Applied Nano Materials</i> , 2020, 3, 10284-10295.	2.4	43
16	Rapid Gel Card Agglutination Assays for Serological Analysis Following SARS-CoV-2 Infection in Humans. <i>ACS Sensors</i> , 2020, 5, 2596-2603.	4.0	26
17	Microwave-Assisted Hydrothermal Decomposition of Super Absorbent Polymers. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14504-14510.	3.2	9
18	Bulk to Nanometer-Scale Infrared Spectroscopy of Pharmaceutical Dry Powder Aerosols. <i>Analytical Chemistry</i> , 2020, 92, 8323-8332.	3.2	22

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19	Fe/Mg-Modified Carbonate Apatite with Uniform Particle Size and Unique Transport Protein-Related Protein Corona Efficiently Delivers Doxorubicin into Breast Cancer Cells. <i>Nanomaterials</i> , 2020, 10, 834.	1.9	19
20	An Anterior Cruciate Ligament Failure Mechanism. <i>American Journal of Sports Medicine</i> , 2019, 47, 2067-2076.	1.9	41
21	Frontispiz: Homochiral MOFâ€™Polymer Mixed Matrix Membranes for Efficient Separation of Chiral Molecules. <i>Angewandte Chemie</i> , 2019, 131, .	1.6	0
22	Frontispiece: Homochiral MOFâ€™Polymer Mixed Matrix Membranes for Efficient Separation of Chiral Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	7.2	2
23	Homochiral MOFâ€™Polymer Mixed Matrix Membranes for Efficient Separation of Chiral Molecules. <i>Angewandte Chemie</i> , 2019, 131, 17084-17091.	1.6	31
24	Homochiral MOFâ€™Polymer Mixed Matrix Membranes for Efficient Separation of Chiral Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16928-16935.	7.2	141
25	Bicomponent poly(ethylene)/poly(propylene) fiber bonding using dielectric inks. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123868.	2.3	0
26	Coiled-Coil-Mediated Assembly of an Icosahedral Protein Cage with Extremely High Thermal and Chemical Stability. <i>Journal of the American Chemical Society</i> , 2019, 141, 9207-9216.	6.6	51
27	Distributions: The Importance of the Chemistâ€™s Molecular View for Biological Materials. <i>Biomacromolecules</i> , 2018, 19, 1469-1484.	2.6	4
28	Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	4
29	Cathepsin K inhibition preserves compressive load in lumbar vertebrae of osteoporotic monkeys. <i>Bone Reports</i> , 2018, 9, 159-164.	0.2	2
30	Topical Deferoxamine Alleviates Skin Injury and Normalizes Atomic Force Microscopy Patterns Following Radiation in a Murine Breast Reconstruction Model. <i>Annals of Plastic Surgery</i> , 2018, 81, 604-608.	0.5	12
31	Folate binding protein: therapeutic natural nanotechnology for folic acid, methotrexate, and leucovorin. <i>Nanoscale</i> , 2017, 9, 2603-2615.	2.8	14
32	Nanostructured materials for microwave receptors. <i>Progress in Materials Science</i> , 2017, 87, 221-245.	16.0	52
33	Microstructure dependent binding of pigment epithelium derived factor (PEDF) to type I collagen fibrils. <i>Journal of Structural Biology</i> , 2017, 199, 132-139.	1.3	12
34	Dendrimer and dendrimerâ€™conjugate protein complexes and protein coronas. <i>Canadian Journal of Chemistry</i> , 2017, 95, 903-906.	0.6	3
35	Conjugation Dependent Interaction of Folic Acid with Folate Binding Protein. <i>Bioconjugate Chemistry</i> , 2017, 28, 2350-2360.	1.8	13
36	Atomic Force Microscopy-Infrared Spectroscopy of Individual Atmospheric Aerosol Particles: Subdiffraction Limit Vibrational Spectroscopy and Morphological Analysis. <i>Analytical Chemistry</i> , 2017, 89, 8594-8598.	3.2	58

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37	The Relationship of Collagen Structural and Compositional Heterogeneity to Tissue Mechanical Properties: A Chemical Perspective. <i>ACS Nano</i> , 2017, 11, 10665-10671.	7.3	36
38	Folate-Binding Protein Self-Aggregation Drives Agglomeration of Folic Acid Targeted Iron Oxide Nanoparticles. <i>Bioconjugate Chemistry</i> , 2017, 28, 81-87.	1.8	15
39	Cationic Polymer Intercalation into the Lipid Membrane Enables Intact Polyplex DNA Escape from Endosomes for Gene Delivery. <i>Molecular Pharmaceutics</i> , 2016, 13, 1967-1978.	2.3	48
40	Estrogen depletion and drug treatment alter the microstructure of type I collagen in bone. <i>Bone Reports</i> , 2016, 5, 243-251.	0.2	8
41	Increase in Dye:Dendrimer Ratio Decreases Cellular Uptake of Neutral Dendrimers in RAW Cells. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1540-1545.	2.6	4
42	InÂvivo targeting of metastatic breast cancer via tumor vasculature-specific nano-graphene oxide. <i>Biomaterials</i> , 2016, 104, 361-371.	5.7	110
43	Three RNA Microenvironments Detected in Fluxional Gene Delivery Polyplex Nanoassemblies. <i>ACS Macro Letters</i> , 2016, 5, 1104-1108.	2.3	1
44	Role of Cell Membraneâ€“Vector Interactions in Successful Gene Delivery. <i>Accounts of Chemical Research</i> , 2016, 49, 1486-1493.	7.6	66
45	Rapid Exchange Between Free and Bound States in RNAâ€“Dendrimer Polyplexes: Implications on the Mechanism of Delivery and Release. <i>Biomacromolecules</i> , 2016, 17, 154-164.	2.6	20
46	Substrate-Triggered Exosite Binding: Synergistic Dendrimer/Folic Acid Action for Achieving Specific, Tight-Binding to Folate Binding Protein. <i>Biomacromolecules</i> , 2016, 17, 922-927.	2.6	13
47	Generation 3 PAMAM dendrimer TAMRA conjugates containing precise dye/dendrimer ratios. <i>Materials Today Communications</i> , 2015, 4, 86-92.	0.9	7
48	G5-PEG PAMAM dendrimer incorporating nanostructured lipid carriers enhance oral bioavailability and plasma lipid-lowering effect of probucol. <i>Journal of Controlled Release</i> , 2015, 210, 160-168.	4.8	41
49	Fluorophore:Dendrimer Ratio Impacts Cellular Uptake and Intracellular Fluorescence Lifetime. <i>Bioconjugate Chemistry</i> , 2015, 26, 304-315.	1.8	26
50	Folate binding proteinâ€“Outlook for drug delivery applications. <i>Chinese Chemical Letters</i> , 2015, 26, 426-430.	4.8	12
51	Oral Absorption Enhancement of ProbucoL by PEGylated G5 PAMAM Dendrimer Modified Nanoliposomes. <i>Molecular Pharmaceutics</i> , 2015, 12, 665-674.	2.3	32
52	Alteration of Type I collagen microstructure induced by estrogen depletion can be prevented with drug treatment. <i>BoneKEY Reports</i> , 2015, 4, 697.	2.7	6
53	High-resolution NMR characterization of low abundance oligomers of amyloid-Î² without purification. <i>Scientific Reports</i> , 2015, 5, 11811.	1.6	101
54	Force Spectroscopy of Multivalent Binding of Riboflavin-Conjugated Dendrimers to Riboflavin Binding Protein. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5785-5792.	1.2	17

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55	Quantitative Measurement of Cationic Polymer Vector and Polymer-pDNA Polyplex Intercalation into the Cell Plasma Membrane. <i>ACS Nano</i> , 2015, 9, 6097-6109.	7.3	42
56	G5 PAMAM dendrimer versus liposome: A comparison study on the in vitro transepithelial transport and in vivo oral absorption of simvastatin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1141-1151.	1.7	32
57	Characterization of Folic Acid and Poly(amidoamine) Dendrimer Interactions with Folate Binding Protein: A Force-Pulling Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11506-11512.	1.2	16
58	The role of caveolin-1 and syndecan-4 in the internalization of PEGylated PAMAM dendrimer polyplexes into myoblast and hepatic cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 658-663.	2.0	18
59	Aryl Halide Radical Clocks as Probes of Stannylene/Aryl Halide C-H Activation Rates. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 250-257.	1.9	3
60	Isolation and Characterization of Precise Dye/Dendrimer Ratios. <i>Chemistry - A European Journal</i> , 2014, 20, 4638-4645.	1.7	22
61	Poly(amidoamine) Dendrimer-Methotrexate Conjugates: The Mechanism of Interaction with Folate Binding Protein. <i>Molecular Pharmaceutics</i> , 2014, 11, 4049-4058.	2.3	29
62	Diffusion NMR Study of Generation-Five PAMAM Dendrimer Materials. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7195-7202.	1.2	36
63	Detergent Induction of HEK 293A Cell Membrane Permeability Measured under Quiescent and Superfusion Conditions Using Whole Cell Patch Clamp. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2112-2123.	1.2	21
64	Multivalent Polymers for Drug Delivery and Imaging: The Challenges of Conjugation. <i>Biomacromolecules</i> , 2014, 15, 3215-3234.	2.6	56
65	Quantification of cytosolic plasmid DNA degradation using high-throughput sequencing: implications for gene delivery. <i>Journal of Gene Medicine</i> , 2014, 16, 75-83.	1.4	13
66	Avidity Mechanism of Dendrimer-Folic Acid Conjugates. <i>Molecular Pharmaceutics</i> , 2014, 11, 1696-1706.	2.3	51
67	Hyperspectral Imaging and Characterization of Live Cells by Broadband Coherent Anti-Stokes Raman Scattering (CARS) Microscopy with Singular Value Decomposition (SVD) Analysis. <i>Applied Spectroscopy</i> , 2014, 68, 1116-1122.	1.2	24
68	The Impact of Estrogen Depletion and Drug Treatment on Type I Collagen Microstructure. <i>Microscopy and Microanalysis</i> , 2014, 20, 2070-2071.	0.2	0
69	Avidity Modulation of Folate-Targeted Multivalent Dendrimers for Evaluating Biophysical Models of Cancer Targeting Nanoparticles. <i>ACS Chemical Biology</i> , 2013, 8, 2063-2071.	1.6	56
70	Type I Collagen Self-Assembly: The Roles of Substrate and Concentration. <i>Langmuir</i> , 2013, 29, 2330-2338.	1.6	49
71	Epithelial-Mesenchymal Transition Enhances Nanoscale Actin Filament Dynamics of Ovarian Cancer Cells. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9233-9240.	1.2	16
72	Variation in type I collagen fibril nanomorphology: the significance and origin. <i>BoneKey Reports</i> , 2013, 2, 394.	2.7	62

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73	PAMAM dendrimers as quantized building blocks for novel nanostructures. <i>Soft Matter</i> , 2013, 9, 11188.	1.2	27
74	Attractive Hydration Forces in DNA-Dendrimer Interactions on the Nanometer Scale. <i>Journal of Physical Chemistry B</i> , 2013, 117, 973-981.	1.2	22
75	Nanoscale structure of type I collagen fibrils: Quantitative measurement of D-spacing. <i>Biotechnology Journal</i> , 2013, 8, 117-126.	1.8	56
76	Crystallinity and compositional changes in carbonated apatites: Evidence from ³¹ P solid-state NMR, Raman, and AFM analysis. <i>Journal of Solid State Chemistry</i> , 2013, 206, 192-198.	1.4	74
77	Polyplex-Induced Cytosolic Nuclease Activation Leads to Differential Transgene Expression. <i>Molecular Pharmaceutics</i> , 2013, 10, 3013-3022.	2.3	21
78	Quantitative analysis of generation and branch defects in G5 poly(amidoamine) dendrimer. <i>Polymer</i> , 2013, 54, 4126-4133.	1.8	57
79	Dendrimer-Based Multivalent Vancomycin Nanoplatfrom for Targeting the Drug-Resistant Bacterial Surface. <i>ACS Nano</i> , 2013, 7, 214-228.	7.3	133
80	Polyplex Exposure Inhibits Cell Cycle, Increases Inflammatory Response, and Can Cause Protein Expression without Cell Division. <i>Molecular Pharmaceutics</i> , 2013, 10, 1306-1317.	2.3	27
81	Dual-wavelength digital holographic imaging with phase background subtraction. <i>Optical Engineering</i> , 2012, 51, 055801.	0.5	19
82	Effect of pH and Generation on Structural Properties of Poly(amidoamine) Dendrons Studied by Molecular Dynamics Simulations. <i>Journal of Computational and Theoretical Nanoscience</i> , 2012, 9, 127-136.	0.4	1
83	Type I Collagen D-Spacing in Fibril Bundles of Dermis, Tendon, and Bone: Bridging between Nano- and Micro-Level Tissue Hierarchy. <i>ACS Nano</i> , 2012, 6, 9503-9514.	7.3	77
84	Bifunctional PAMAM Dendrimer Conjugates of Folic Acid and Methotrexate with Defined Ratio. <i>Biomacromolecules</i> , 2012, 13, 982-991.	2.6	93
85	Efficient in Vitro siRNA Delivery and Intramuscular Gene Silencing Using PEG-Modified PAMAM Dendrimers. <i>Molecular Pharmaceutics</i> , 2012, 9, 1812-1821.	2.3	92
86	Cell volume changes during apoptosis monitored in real time using digital holographic microscopy. <i>Journal of Structural Biology</i> , 2012, 178, 270-278.	1.3	80
87	Intrinsic Dynamics of DNA-Polymer Complexes: A Mechanism for DNA Release. <i>Molecular Pharmaceutics</i> , 2012, 9, 2743-2749.	2.3	22
88	Estrogen Depletion Results in Nanoscale Morphology Changes in Dermal Collagen. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1791-1797.	0.3	34
89	Biophysical Characterization of a Riboflavin-Conjugated Dendrimer Platform for Targeted Drug Delivery. <i>Biomacromolecules</i> , 2012, 13, 507-516.	2.6	52
90	Dendrimer-Based Nanoparticle Therapies: Can Uniform Multifunctional Therapeutics Be Made with Current Chemical Approaches?. <i>Nanostructure Science and Technology</i> , 2012, , 295-313.	0.1	0

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91	Concurrent enrollment in lecture and laboratory enhances student performance and retention. <i>Journal of Research in Science Teaching</i> , 2012, 49, 659-682.	2.0	40
92	Best Practices for Purification and Characterization of PAMAM Dendrimer. <i>Macromolecules</i> , 2012, 45, 5316-5320.	2.2	56
93	Dendrimer-based multivalent methotrexates as dual acting nanoconjugates for cancer cell targeting. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 560-572.	2.6	77
94	Dual wavelength digital holographic imaging of cells with phase background subtraction. , 2012, , .		1
95	Evaluation of a symmetry-based strategy for assembling protein complexes. <i>RSC Advances</i> , 2011, 1, 1004.	1.7	36
96	Acetonitrile shortage: Use of isopropanol as an alternative elution system for ultra/high performance liquid chromatography. <i>Analytical Methods</i> , 2011, 3, 56-58.	1.3	21
97	2H-1,2-Thiaborin: A New Boron-Sulfur Heterocycle. <i>Organometallics</i> , 2011, 30, 3698-3700.	1.1	21
98	Bioanalytical Screening of Riboflavin Antagonists for Targeted Drug Delivery—A Thermodynamic and Kinetic Study. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 363-367.	1.3	29
99	Heterogeneous Ligand-Nanoparticle Distributions: A Major Obstacle to Scientific Understanding and Commercial Translation. <i>Accounts of Chemical Research</i> , 2011, 44, 1135-1145.	7.6	72
100	Design, Synthesis, and Biological Functionality of a Dendrimer-Based Modular Drug Delivery Platform. <i>Bioconjugate Chemistry</i> , 2011, 22, 679-689.	1.8	28
101	Contributions of Ordered Solvent to Long-Range DNA-Dendrimer Interactions. <i>Biophysical Journal</i> , 2011, 100, 356a-357a.	0.2	0
102	Dual-wavelength linear regression phase unwrapping in three-dimensional microscopic images of cancer cells. <i>Optics Letters</i> , 2011, 36, 912.	1.7	54
103	Nanoscale morphology of Type I collagen is altered in the Brl mouse model of Osteogenesis Imperfecta. <i>Journal of Structural Biology</i> , 2011, 173, 146-152.	1.3	74
104	Effect of osteogenesis imperfecta mutations on free energy of collagen model peptides: A molecular dynamics simulation. <i>Biophysical Chemistry</i> , 2011, 156, 146-152.	1.5	8
105	The severity of osteogenesis imperfecta: A comparison to the relative free energy differences of collagen model peptides. <i>Biopolymers</i> , 2011, 95, 182-193.	1.2	15
106	Free energy simulation to investigate the effect of amino acid sequence environment on the severity of osteogenesis imperfecta by glycine mutations in collagen. <i>Biopolymers</i> , 2011, 95, 401-409.	1.2	8
107	Polyvalent saccharide-functionalized generation 3 poly(amidoamine) dendrimer-methotrexate conjugate as a potential anticancer agent. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2557-2564.	1.4	59
108	Dual wavelength digital holography phase unwrapping by linear regression. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3

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109	A Quantitative Assessment of Nanoparticle~Ligand Distributions: Implications for Targeted Drug and Imaging Delivery in Dendrimer Conjugates. <i>ACS Nano</i> , 2010, 4, 657-670.	7.3	143
110	Isolation and Characterization of Dendrimers with Precise Numbers of Functional Groups. <i>Chemistry - A European Journal</i> , 2010, 16, 10675-10678.	1.7	36
111	Investigating the Interaction Between Folic Acid and Folate Binding Protein at the Single Molecule Level. <i>Biophysical Journal</i> , 2010, 98, 596a.	0.2	0
112	Microscopic Basis for the Mesoscopic Extensibility of Dendrimer-Compacted DNA. <i>Biophysical Journal</i> , 2010, 98, 834-842.	0.2	17
113	Type I Collagen Exists as a Distribution of Nanoscale Morphologies in Teeth, Bones, and Tendons. <i>Langmuir</i> , 2010, 26, 7349-7354.	1.6	64
114	Polycation-Induced Cell Membrane Permeability Does Not Enhance Cellular Uptake or Expression Efficiency of Delivered DNA. <i>Molecular Pharmaceutics</i> , 2010, 7, 2370-2370.	2.3	2
115	Effect of Mass Transport in the Synthesis of Partially Acetylated Dendrimer: Implications for Functional Ligand~Nanoparticle Distributions. <i>Macromolecules</i> , 2010, 43, 6577-6587.	2.2	19
116	Parallelograms and Ladders: Polymorphic Solid-State Structures and Solution Equilibria of Cp*GeCl. <i>Organometallics</i> , 2010, 29, 5004-5009.	1.1	2
117	Origin of broad polydispersion in functionalized dendrimers and its effects on cancer-cell binding affinity. <i>Physical Review E</i> , 2010, 82, 036108.	0.8	9
118	The Mechanism of Polyplex Internalization into Cells: Testing the GM1/Caveolin-1 Lipid Raft Mediated Endocytosis Pathway. <i>Molecular Pharmaceutics</i> , 2010, 7, 267-279.	2.3	37
119	Distribution of type I collagen morphologies in bone: Relation to estrogen depletion. <i>Bone</i> , 2010, 46, 1349-1354.	1.4	70
120	Polycation-Induced Cell Membrane Permeability Does Not Enhance Cellular Uptake or Expression Efficiency of Delivered DNA. <i>Molecular Pharmaceutics</i> , 2010, 7, 870-883.	2.3	39
121	C~H Activation of Alkanes, Alkenes, Alkynes, Arenes, and Ethers Using a Stannylen/Aryl Halide Mixture. <i>Organometallics</i> , 2010, 29, 5033-5039.	1.1	21
122	Solid-State NMR Reveals the Hydrophobic-Core Location of Poly(amidoamine) Dendrimers in Biomembranes. <i>Journal of the American Chemical Society</i> , 2010, 132, 8087-8097.	6.6	95
123	Development of a remanence measurement-based SQUID system with in-depth resolution for nanoparticle imaging. <i>Physics in Medicine and Biology</i> , 2009, 54, N177-N188.	1.6	21
124	Pulsed-laser creation and characterization of giant plasma membrane vesicles from cells. <i>Journal of Biological Physics</i> , 2009, 35, 279-295.	0.7	17
125	Nanotoxicology: a personal perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 353-359.	3.3	31
126	The Role of Ganglioside GM1 in Cellular Internalization Mechanisms of Poly(amidoamine) Dendrimers. <i>Bioconjugate Chemistry</i> , 2009, 20, 1503-1513.	1.8	68

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127	Cationic Poly(amidoamine) Dendrimer Induces Lysosomal Apoptotic Pathway at Therapeutically Relevant Concentrations. <i>Biomacromolecules</i> , 2009, 10, 3207-3214.	2.6	109
128	RGD Dendron Bodies; Synthetic Avidity Agents with Defined and Potentially Interchangeable Effector Sites That Can Substitute for Antibodies. <i>Bioconjugate Chemistry</i> , 2009, 20, 1853-1859.	1.8	36
129	Cationic Nanoparticles Induce Nanoscale Disruption in Living Cell Plasma Membranes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11179-11185.	1.2	202
130	Stoichiometry and Structure of Poly(amidoamine) Dendrimer-Lipid Complexes. <i>ACS Nano</i> , 2009, 3, 1886-1896.	7.3	87
131	Stoichiometries and Energetics of Cationic Nanoparticle-Membrane Complexes. <i>Biophysical Journal</i> , 2009, 96, 19a.	0.2	0
132	Silylene- and Germylene-Mediated C-H Activation: Reaction with Alkanes, Ethers, and Amines. <i>Organometallics</i> , 2009, 28, 2744-2755.	1.1	30
133	Facile Hydrothermal Synthesis of Iron Oxide Nanoparticles with Tunable Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13593-13599.	1.5	267
134	Force Calculations for DNA-PAMAM Dendrimer Interactions from Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2009, 96, 366a.	0.2	0
135	Synthesis, Characterization, and <i>in Vitro</i> Testing of Superparamagnetic Iron Oxide Nanoparticles Targeted Using Folic Acid-Conjugated Dendrimers. <i>ACS Nano</i> , 2008, 2, 773-783.	7.3	163
136	Wide Varieties of Cationic Nanoparticles Induce Defects in Supported Lipid Bilayers. <i>Nano Letters</i> , 2008, 8, 420-424.	4.5	497
137	Poly(amidoamine) Dendrimers on Lipid Bilayers II: Effects of Bilayer Phase and Dendrimer Termination. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9346-9353.	1.2	90
138	Poly(amidoamine) Dendrimers on Lipid Bilayers I: Free Energy and Conformation of Binding. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9337-9345.	1.2	74
139	A Stannylene/Aryl Iodide Reagent for Allylic CH Activation and Double Bond Addition Chemistry. <i>Organometallics</i> , 2008, 27, 1041-1043.	1.1	24
140	Direct Formation of Propargyltin Compounds via C-H Activation. <i>Organometallics</i> , 2008, 27, 2896-2897.	1.1	15
141	Interactions of Poly(amidoamine) Dendrimers with Survanta Lung Surfactant: The Importance of Lipid Domains. <i>Langmuir</i> , 2008, 24, 11003-11008.	1.6	35
142	The Implications of Stochastic Synthesis for the Conjugation of Functional Groups to Nanoparticles. <i>Bioconjugate Chemistry</i> , 2008, 19, 1748-1752.	1.8	48
143	Cell Plasma Membranes and Phase Transitions. , 2008, , 171-181.		6
144	Nanoparticle Interaction with Biological Membranes: Does Nanotechnology Present a Janus Face?. <i>Accounts of Chemical Research</i> , 2007, 40, 335-342.	7.6	492

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145	Design and Implementation of a Studio-Based General Chemistry Course. <i>Journal of Chemical Education</i> , 2007, 84, 265.	1.1	35
146	Closing the Gap between Interdisciplinary Research and Disciplinary Teaching. <i>ACS Chemical Biology</i> , 2007, 2, 518-520.	1.6	7
147	The bonding geometry of alkylsilanes on gold: Relation to surface pattern development and STM image contrast. <i>Surface Science</i> , 2007, 601, 1937-1943.	0.8	5
148	The Binding Avidity of a Nanoparticle-Based Multivalent Targeted Drug Delivery Platform. <i>Chemistry and Biology</i> , 2007, 14, 107-115.	6.2	521
149	Interaction of Polycationic Polymers with Supported Lipid Bilayers and Cells: Nanoscale Hole Formation and Enhanced Membrane Permeability. <i>Bioconjugate Chemistry</i> , 2006, 17, 728-734.	1.8	623
150	HPLC analysis of functionalized poly(amidoamine) dendrimers and the interaction between a folate-dendrimer conjugate and folate binding protein. <i>Analyst</i> , The, 2006, 131, 842.	1.7	40
151	Syntheses of Ring-Fused B ^N Heteroaromatic Compounds. <i>Organometallics</i> , 2006, 25, 513-518.	1.1	89
152	Haptotropic Migration from the Six- to the Five-Membered Ring of (3a,7a-Azaborindenyl)tricarbonylchromium Anion. <i>Organometallics</i> , 2006, 25, 3463-3467.	1.1	28
153	Tin-Mediated CH Activation and Cross-Coupling in a Single Flask. <i>Organometallics</i> , 2006, 25, 4738-4740.	1.1	33
154	Formation of Mixed Monolayers of Silsesquioxanes and Alkylsilanes on Gold. <i>Langmuir</i> , 2006, 22, 9619-9622.	1.6	8
155	Physical interactions of nanoparticles with biological membranes: The observation of nanoscale hole formation. <i>Journal of Chemical Health and Safety</i> , 2006, 13, 16-20.	1.1	31
156	Atomic Force Microscopy Study of Early Morphological Changes during Apoptosis. <i>Langmuir</i> , 2005, 21, 9280-9286.	1.6	97
157	Synthetic and Natural Polycationic Polymer Nanoparticles Interact Selectively with Fluid-Phase Domains of DMPC Lipid Bilayers. <i>Langmuir</i> , 2005, 21, 8588-8590.	1.6	128
158	Membrane Thinning Due to Antimicrobial Peptide Binding: An Atomic Force Microscopy Study of MSI-78 in Lipid Bilayers. <i>Biophysical Journal</i> , 2005, 89, 4043-4050.	0.2	194
159	Lipid Bilayer Disruption by Polycationic Polymers: The Roles of Size and Chemical Functional Group. <i>Langmuir</i> , 2005, 21, 10348-10354.	1.6	258
160	Monolayer Pattern Evolution via Substrate Strain-Mediated Spinodal Decomposition. <i>Physical Review Letters</i> , 2004, 93, 166104.	2.9	19
161	Simulated scanning tunneling microscopy images of three-dimensional clusters: H ₈ Si ₈ O ₁₂ on Si(100). <i>Physical Review B</i> , 2004, 70, .	1.1	10
162	Band alignment issues related to HfO ₂ /SiO ₂ /p-Si gate stacks. <i>Journal of Applied Physics</i> , 2004, 96, 7485-7491.	1.1	102

#	ARTICLE	IF	CITATIONS
163	Deformability of poly(amidoamine) dendrimers. <i>European Physical Journal E</i> , 2004, 14, 7-16.	0.7	208
164	Valence and conduction band offsets of a ZrO ₂ /SiO _x Ny/n-Si CMOS gate stack: A combined photoemission and inverse photoemission study. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 2246-2252.	0.7	56
165	Direct observation of lipid bilayer disruption by poly(amidoamine) dendrimers. <i>Chemistry and Physics of Lipids</i> , 2004, 132, 3-14.	1.5	221
166	DNA-Directed Synthesis of Generation 7 and 5 PAMAM Dendrimer Nanoclusters. <i>Nano Letters</i> , 2004, 4, 391-397.	4.5	99
167	Nanoscale Probing of the Enamel Nanorod Surface Using Polyamidoamine Dendrimers. <i>Langmuir</i> , 2004, 20, 4168-4171.	1.6	35
168	Chemical Imaging of Terrace-Based Active Sites on Gold. <i>Langmuir</i> , 2004, 20, 2250-2256.	1.6	8
169	Dynamic in Situ Characterization of Organic Monolayer Formation via a Novel Substrate-Mediated Mechanism. <i>Langmuir</i> , 2004, 20, 1258-1268.	1.6	13
170	Octylgermane on Gold: Synthesis, Oxidation, and Pattern Formation. <i>Langmuir</i> , 2004, 20, 11422-11427.	1.6	2
171	Sequential Insertion of Formaldehyde and Carbon Monoxide into a Sulfide-Bridged Pd ^{II} Ge Bond Followed by Reductive Elimination To Form a [1,3,2]Oxathiagermolan-4-one. <i>Organometallics</i> , 2004, 23, 2370-2375.	1.1	11
172	Oxidation of Alkylsilane-Based Monolayers on Gold. <i>Langmuir</i> , 2004, 20, 9636-9645.	1.6	11
173	Synthesis of a Digermene-Containing Tricyclic Nonadecadienedione Incorporating an Equivalent of Ring-Opened THF. <i>Inorganic Chemistry</i> , 2004, 43, 7665-7670.	1.9	4
174	Insertion of SO ₂ into a Sulfide-Bridged Mn ^{II} Ge Bond: Synthesis, Characterization, and Reactivity of the O-Germene-S-sulfoxylate. <i>Inorganic Chemistry</i> , 2004, 43, 2057-2063.	1.9	12
175	A Novel MEA/AFM Platform for Measurement of Real-Time, Nanometric Morphological Alterations of Electrically Stimulated Neuroblastoma Cells. <i>IEEE Transactions on Nanobioscience</i> , 2004, 3, 111-117.	2.2	12
176	Interaction of Poly(amidoamine) Dendrimers with Supported Lipid Bilayers and Cells: Hole Formation and the Relation to Transport. <i>Bioconjugate Chemistry</i> , 2004, 15, 774-782.	1.8	556
177	Variable Energy X-ray Photoemission Studies of Alkylsilane Based Monolayers on Gold. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3177-3182.	1.2	22
178	The Case of the Disappearing Monolayer: Alkylsilane Monolayer Formation, Oxidation, and Subsequent Transparency to Scanning Tunneling Microscopy. <i>ChemPhysChem</i> , 2003, 4, 1111-1114.	1.0	8
179	The differential reactivity of octahydridosilsesquioxane on Si(100)-2 \times 1 and Si(111)-7 \times 7: a comparative experimental study. <i>Ultramicroscopy</i> , 2003, 97, 35-45.	0.8	5
180	Exploring Two Reactions of Ketones with Ge[CH(SiMe ₃) ₂] ₂ : CH and OH Insertion. <i>Organometallics</i> , 2003, 22, 5054-5062.	1.1	12

#	ARTICLE	IF	CITATIONS
181	C-H Activation of Ethers and Alkanes by Germylene Aryl Halide Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 8986-8987.	6.6	61
182	Germylene Reactions with Quinones Shed Light on Germylene Phenone Equilibria. <i>Organometallics</i> , 2003, 22, 3222-3229.	1.1	14
183	Germylene-Induced Hydrogenation of Benzophenone. <i>Organometallics</i> , 2003, 22, 4613-4615.	1.1	7
184	Reactions of Palladium Germylene Complexes: Formation of Sulfide Bridges. <i>Inorganic Chemistry</i> , 2003, 42, 7219-7226.	1.9	33
185	Interaction of Dendrimers (Artificial Proteins) with Biological Hydroxyapatite Crystals. <i>Journal of Dental Research</i> , 2003, 82, 443-448.	2.5	60
186	Soft x-ray photoemission studies of Hf oxidation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 106-109.	0.9	100
187	Reflection-absorption infrared investigation of hydrogenated silicon oxide generated by the thermal decomposition of H ₈ Si ₈ O ₁₂ clusters. <i>Journal of Applied Physics</i> , 2002, 91, 9043-9048.	1.1	3
188	Effect of Surface Reconstruction on Molecular Chemisorption: A Scanning Tunneling Microscopy Study of H ₈ Si ₈ O ₁₂ Clusters on Au(111) 23 Å ² . <i>Langmuir</i> , 2002, 18, 8116-8122.	1.6	11
189	Tapping Mode Atomic Force Microscopy Investigation of Poly(amidoamine) Core-Shell Tecto(dendrimers) Using Carbon Nanoprobes. <i>Langmuir</i> , 2002, 18, 3127-3133.	1.6	65
190	Quick, Efficient Conversion of Phenones to Conjugated Trienes via Germylene Cycloaddition. <i>Organometallics</i> , 2002, 21, 457-459.	1.1	20
191	Synthesis and Reactivity of a Novel Palladium Germylene System. <i>Organometallics</i> , 2002, 21, 5373-5381.	1.1	62
192	Time-Resolved Spectroscopic Studies of B ₁₂ Coenzymes: A Comparison of the Primary Photolysis Mechanism in Methyl-, Ethyl-, n-Propyl-, and 5-Deoxyadenosylcobalamin. <i>Journal of the American Chemical Society</i> , 2002, 124, 434-441.	6.6	93
193	Formation of Alkylsilane-Based Monolayers on Gold. <i>Journal of the American Chemical Society</i> , 2002, 124, 6800-6801.	6.6	46
194	Investigation of Hydridosilsesquioxane-Based Silicon Oxide Deposition on Si(111)-7 Å ² . <i>Langmuir</i> , 2002, 18, 6233-6241.	1.6	1
195	Tapping Mode Atomic Force Microscopy Investigation of Poly(amidoamine) Dendrimers: Effects of Substrate and pH on Dendrimer Deformation. <i>Langmuir</i> , 2001, 17, 2768-2773.	1.6	114
196	Intermolecular C-H Insertions and Cyclization Reactions Involving a Stable Germylene. <i>Journal of the American Chemical Society</i> , 2001, 123, 982-983.	6.6	34
197	Formation of Mixed Layers Derived from Functional Silicon Oxide Clusters on Gold. <i>Langmuir</i> , 2001, 17, 7879-7885.	1.6	10
198	Self-limiting chemical vapor deposition of an ultra-thin silicon oxide film using tri-(tert-butoxy)silanol. <i>Thin Solid Films</i> , 2001, 397, 78-82.	0.8	5

#	ARTICLE	IF	CITATIONS
199	Infrared and density-functional-theory study of spherosiloxane-based model silicon/silicon oxide interfaces. <i>Physical Review B</i> , 2001, 64, .	1.1	11
200	Determination of Spherosiloxane Cluster Bonding to Si(100)-2Å—1by Scanning Tunneling Microscopy. <i>Physical Review Letters</i> , 2000, 85, 602-605.	2.9	20
201	The Dynamic Nature of Hydridosilsesquioxane Clusters on Gold Surfaces. <i>Langmuir</i> , 2000, 16, 8396-8403.	1.6	16
202	Photochemistry of Transition Metal Germynes and Metallacycles. <i>Organometallics</i> , 2000, 19, 1186-1189.	1.1	23
203	Nucleation of chemical vapor deposited silicon nitride on silicon dioxide. <i>Applied Physics Letters</i> , 1999, 74, 1830-1832.	1.5	7
204	The reaction of H ₈ Si ₈ O ₁₂ with a chromium oxide surface: a model for stainless steel surface modification. <i>Applied Organometallic Chemistry</i> , 1999, 13, 279-285.	1.7	6
205	Chemisorption of H ₈ Si ₈ O ₁₂ Clusters on Gold: A Novel Si-H Bond Activation. <i>Journal of the American Chemical Society</i> , 1999, 121, 3232-3233.	6.6	34
206	X-ray Crystallographic and Theoretical Comparison of Ge[2,4,6-(CF ₃) ₃ C ₆ H ₂] ₂ and Ge[N(SiMe ₃) ₂] ₂ as Ligands in (Ph ₃ P) ₂ NiGeX ₂ Complexes. <i>Organometallics</i> , 1999, 18, 1547-1552.	1.1	35
207	Synthesis and Characterization of a Soluble, Highly Branched Organo-Silicon Nitride Polymer. <i>Chemistry of Materials</i> , 1999, 11, 154-157.	3.2	7
208	H ₈ Si ₈ O ₁₂ Clusters on Si(100)-2Å—1 and Gold: A Comparative Infrared Spectroscopic Study. <i>Materials Research Society Symposia Proceedings</i> , 1999, 567, 543.	0.1	2
209	Activation of Arylnitroso Substrates on a Platinum Germylene Complex Facilitating the Formation of New C and S Bonds. <i>Journal of the American Chemical Society</i> , 1998, 120, 7484-7492.	6.6	28
210	Active Role of a Germylene Ligand in Promoting Reactions of Platinum Complexes with Oxygen and Sulfur Dioxide. <i>Inorganic Chemistry</i> , 1998, 37, 6461-6469.	1.9	29
211	Extra-atomic Relaxation and Core-Level Binding Energy Shifts at Silicon/Silicon Oxide Interfaces: Effects of Cluster Size on Physical Models. <i>Journal of Physical Chemistry B</i> , 1998, 102, 3930-3935.	1.2	12
212	o-(Trifluoromethyl)aryl Interactions and Stabilization in Hypervalent Germanium Compounds. <i>Organometallics</i> , 1998, 17, 5166-5171.	1.1	28
213	Infrared Study of H ₁₀ Si ₁₀ O ₁₅ Chemisorbed on a Si(100)-2Å—1 Surface. <i>Inorganic Chemistry</i> , 1998, 37, 6014-6017.	1.9	9
214	Surface Infrared Studies of Silicon/Silicon Oxide Interfaces Derived from Hydridosilsesquioxane Clusters. <i>Journal of the American Chemical Society</i> , 1998, 120, 7776-7782.	6.6	32
215	The role of second-neighbor effects in photoemission: Are silicon surfaces and interfaces special?. <i>Applied Physics Letters</i> , 1998, 72, 46-48.	1.5	16
216	An infrared study of H ₈ Si ₈ O ₁₂ cluster adsorption on Si(100) surfaces. <i>Journal of Chemical Physics</i> , 1998, 108, 8680-8688.	1.2	23

#	ARTICLE	IF	CITATIONS
217	A New Model Silicon/Silicon Oxide Interface Synthesized from H ₁₀ Si ₁₀₀ O ₁₅ and Si(100)-2Å—1. Japanese Journal of Applied Physics, 1997, 36, 1622-1626.	0.8	15
218	The role of extra-atomic relaxation in determining Si 2p binding energy shifts at silicon/silicon oxide interfaces. Journal of Applied Physics, 1997, 82, 2298-2307.	1.1	44
219	Synthesis and Characterization of a Novel Diarylgermylene Containing Electron-Withdrawing Groups. Organometallics, 1997, 16, 2743-2745.	1.1	61
220	Transition Metal Germylene Complexes as Hydrogenation Catalysts: The Synthesis of a Rare Bis(amino)germane. Angewandte Chemie International Edition in English, 1997, 36, 496-498.	4.4	59
221	Germylen-bergangsmetallkomplexe als Hydrierkatalysatoren: Synthese eines Bis(amino)germans. Angewandte Chemie, 1997, 109, 516-518.	1.6	13
222	Intermediates in the Catalytic Dehydrogenative Coupling of Arylgermanes. Chemistry - A European Journal, 1997, 3, 1793-1796.	1.7	36
223	Construction of Solid/Solid Interface Models Using Modular Chemistry: The Si/SiO ₂ Interface. , 1997, , 451-460.		0
224	Conversion of [(tBuCH ₂) ₂ TaN] ₅ to Cubic TaN: Related Syntheses, EHMO Calculations, and MAS and Spin Echo 15N NMR Spectroscopies. Chemistry of Materials, 1996, 8, 2468-2480.	3.2	26
225	Chloroethane Physisorbed on Hydrogenated Si(111): A Test System for the Evaluation of Core Level XPS Assignment Rules at Si/SiO ₂ Interfaces. Materials Research Society Symposia Proceedings, 1996, 446, 15.	0.1	2
226	Soft X-ray Si 2p core-level spectra of H ₈ Si ₈ O ₁₂ physisorbed on Si(111)-H: additional experimental evidence regarding the binding energy shift of the HSi ₃ fragment. Materials Research Society Symposia Proceedings, 1996, 446, 241.	0.1	4
227	Polyamidoimidonitride Clusters of Zirconium - a molecular orbital study. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 392-400.	0.6	11
228	Photoemission assignments of H _x SiO ₄ ^{x-} fragments at the Si/SiO _x interface. Applied Physics Letters, 1996, 68, 1081-1083.	1.5	8
229	Si 2p core-level shifts at the Si(100)-SiO ₂ interface: An experimental study. Physical Review B, 1996, 54, 7686-7689.	1.1	24
230	An inquiry concerning the principles of Si 2p core-level photoemission shift assignments at the Si/SiO ₂ interface. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 2824.	1.6	39
231	Reversible Insertion Reactions of a Platinum Germylene Complex. Organometallics, 1995, 14, 5008-5010.	1.1	73
232	Ligand Substitution at 19-Electron Centers and the Indenyl Effect in Organometallic Radicals. Electrocatalytic CO Substitution in (cyclopentadienyl)Fe(CO) ₃ ⁺ and (indenyl)Fe(CO) ₃ ⁺ . Organometallics, 1995, 14, 512-523.	1.1	56
233	Core-level photoemission and the structure of the Si/SiO ₂ interface: A reappraisal. Applied Physics Letters, 1994, 65, 1097-1099.	1.5	82
234	Ligand substitution at 19-electron organometallic centers. Electrocatalytic CO substitution reactions of (methylcyclopentadienyl)Mn(CO) ₂ NO ⁺ and (indenyl)Mn(CO) ₂ NO ⁺ . Inorganica Chimica Acta, 1994, 226, 53-60.	1.2	20

#	ARTICLE	IF	CITATIONS
235	Surface reactivity of alkylgold(I) complexes: substrate-selective chemical vapor deposition of gold from $\text{RAuP}(\text{CH}_3)_3$ ($\text{R} = \text{CH}_2\text{CH}_3, \text{CH}_3$) at remarkably low temperatures. <i>Inorganic Chemistry</i> , 1994, 33, 510-517.	1.9	27
236	Synthetic Control of Solid/Solid Interfaces: Analysis of Three New Silicon/Silicon Oxide Interfaces by Soft X-ray Photoemission. <i>Journal of the American Chemical Society</i> , 1994, 116, 11819-11826.	6.6	41
237	Low-temperature selective-area deposition of metals: Chemical vapor deposition of gold from ethyl(trimethylphosphine)gold(I). <i>Applied Physics Letters</i> , 1993, 62, 1475-1477.	1.5	12
238	Si/SiO ₂ interface: New structures and well-defined model systems. <i>Physical Review Letters</i> , 1993, 71, 2441-2444.	2.9	102
239	Polyamidoimidonitride clusters of zirconium. <i>Journal of the American Chemical Society</i> , 1992, 114, 3854-3858.	6.6	54
240	Ammonolysis of tantalum alkyls: formation of cubic tantalum nitride and a trimeric nitride, $[\text{Cp}^*\text{MeTaN}]_3 \text{ tris}[(\eta^5\text{-pentamethylcyclopentadienyl})(\text{methyl})\text{nitrido}]\text{tantalum}$. <i>Inorganic Chemistry</i> , 1990, 29, 1518-1526.	1.9	50
241	The ladder structure of $[(\text{tert-BuCH}_2)_2\text{TaN}]_5 \cdot \text{NH}_3 \cdot 2\text{C}_7\text{H}_8$ and its relationship to cubic tantalum nitride. <i>Journal of the American Chemical Society</i> , 1990, 112, 7989-7994.	6.6	85
242	Synthesis and reactivity of a neutral tungsten(0) alkyl complex. Insertion of CO ₂ into the W-CH ₃ bond of $\text{trans,trans-W}(\text{CH}_3)(\text{CO})_2(\text{NO})(\text{PPh}_3)_2$ and the structural characterization of $\text{trans-W}(\eta^2\text{-O}_2\text{CCH}_3)(\text{CO})(\text{NO})(\text{PPh}_3)_2$. <i>Organometallics</i> , 1987, 6, 1522-1527.	1.1	11
243	Dendrimer Synthesis and Functionalization by Click Chemistry for Biomedical Applications. , 0, , 177-193.		8
244	Nanoparticle Membrane Interactions: Mechanism for Enhanced Permeability. , 0, , 289-329.		0