

Thomas J Meade

List of Publications by Year in descending order

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133
papers

11,983
citations

30070

54
h-index

26613

107
g-index

137
all docs

137
docs citations

137
times ranked

12879
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery of Targeted Co(III)â€“DNA Inhibitors of Gli Proteins to Disrupt Hedgehog Signaling. Bioconjugate Chemistry, 2022, , .	3.6	2
2	Functional Disruption of Gli1â€“DNA Recognition via a Cobalt(III) Complex. ChemMedChem, 2022, 17, e202200025.	3.2	4
3	Towards Imaging Pt Chemoresistance Using Gd(III)â€“Pt(II) Theranostic MR Contrast Agents. ChemMedChem, 2021, , .	3.2	2
4	Magnetic Resonance Imaging of PSMA-Positive Prostate Cancer by a Targeted and Activatable Gd(III) MR Contrast Agent. Journal of the American Chemical Society, 2021, 143, 17097-17108.	13.7	33
5	Real-time MR tracking of AAV gene therapy with β gal-responsive MR probe in a murine model of GM1-gangliosidosis. Molecular Therapy - Methods and Clinical Development, 2021, 23, 128-134.	4.1	8
6	Selfâ€“Immolative Activation of β -Galactosidaseâ€“Responsive Probes for In Vivo MR Imaging in Mouse Models. Angewandte Chemie - International Edition, 2020, 59, 388-394.	13.8	32
7	Selfâ€“Immolative Activation of β -Galactosidaseâ€“Responsive Probes for In Vivo MR Imaging in Mouse Models. Angewandte Chemie, 2020, 132, 396-402.	2.0	11
8	Cobalt(III) Schiff base complexes stabilize non-fibrillar amyloid- β aggregates with reduced toxicity. Journal of Inorganic Biochemistry, 2020, 213, 111265.	3.5	5
9	Targeted Radiosensitizers for MR-Guided Radiation Therapy of Prostate Cancer. Nano Letters, 2020, 20, 7159-7167.	9.1	37
10	Maximizing Magnetic Resonance Contrast in Gd(III) Nanoconjugates: Investigation of Proton Relaxation in Zirconium Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2020, 12, 41157-41166.	8.0	20
11	A Ln(III)-3-hydroxypyridine pH responsive probe optimized by DFT. RSC Advances, 2020, 10, 8994-8999.	3.6	2
12	A Multimodal Ca(II) Responsive Near IR-MR Contrast Agent Exhibiting High Cellular Uptake. ACS Chemical Biology, 2020, 15, 334-341.	3.4	12
13	Gd(III)â€“Pt(IV) theranostic contrast agents for tandem MR imaging and chemotherapy. Chemical Science, 2020, 11, 2524-2530.	7.4	28
14	Water-Soluble Nanoconjugate for Enhanced Cellular Delivery of Receptor-Targeted Magnetic Resonance Contrast Agents. Bioconjugate Chemistry, 2019, 30, 2947-2957.	3.6	11
15	Molecular Magnetic Resonance Imaging with Gd(III)-Based Contrast Agents: Challenges and Key Advances. Journal of the American Chemical Society, 2019, 141, 17025-17041.	13.7	159
16	Inhibition of Amyloid- β Aggregation by Cobalt(III) Schiff Base Complexes: A Computational and Experimental Approach. Journal of the American Chemical Society, 2019, 141, 16685-16695.	13.7	50
17	Bimodal Fluorescence-Magnetic Resonance Contrast Agent for Apoptosis Imaging. Journal of the American Chemical Society, 2019, 141, 6224-6233.	13.7	111
18	Effect of Magnetic Coupling on Water Proton Relaxivity in a Series of Transition Metal Gd ^{III} Complexes. Inorganic Chemistry, 2018, 57, 5810-5819.	4.0	11

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19	A Markedly Improved Synthetic Approach for the Preparation of Multifunctional Au-DNA Nanoparticle Conjugates Modified with Optical and MR Imaging Probes. <i>Bioconjugate Chemistry</i> , 2018, 29, 3544-3549.	3.6	14
20	Magnetic barcode imaging for contrast agents. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 970-978.	3.0	7
21	Synthesis and evaluation of MR probes for targeted-reporter imaging. <i>Chemical Science</i> , 2017, 8, 5764-5768.	7.4	10
22	Calcium-Induced Morphological Transitions in Peptide Amphiphiles Detected by ¹⁹ F-Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39890-39894.	8.0	19
23	Injectable biomimetic liquid crystalline scaffolds enhance muscle stem cell transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7919-E7928.	7.1	81
24	Gd(III)-Gold Nanoconjugates Provide Remarkable Cell Labeling for High Field Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 153-160.	3.6	27
25	Gd(III)-Dithiolane Gold Nanoparticles for T ₁ -Weighted Magnetic Resonance Imaging of the Pancreas. <i>Nano Letters</i> , 2016, 16, 3202-3209.	9.1	63
26	Nanodiamond-Gadolinium(III) Aggregates for Tracking Cancer Growth In Vivo at High Field. <i>Nano Letters</i> , 2016, 16, 7551-7564.	9.1	60
27	Shape-Dependent Relaxivity of Nanoparticle-Based T ₁ Magnetic Resonance Imaging Contrast Agents. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22103-22109.	3.1	33
28	¹⁹ F Magnetic Resonance Imaging Signals from Peptide Amphiphile Nanostructures Are Strongly Affected by Their Shape. <i>ACS Nano</i> , 2016, 10, 7376-7384.	14.6	48
29	Cell-Permeable Esterase-Activated Ca(II)-Sensitive MRI Contrast Agent. <i>Bioconjugate Chemistry</i> , 2016, 27, 465-473.	3.6	40
30	DNA-gadolinium-gold nanoparticles for in vivo T ₁ MR imaging of transplanted human neural stem cells. <i>Biomaterials</i> , 2016, 77, 291-306.	11.4	81
31	Targeted delivery of gold nanoparticle contrast agents for reporting gene detection by magnetic resonance imaging. <i>Chemical Communications</i> , 2016, 52, 160-163.	4.1	26
32	Synthesis and Evaluation of Gd ^{III} -Based Magnetic Resonance Contrast Agents for Molecular Imaging of Prostate-Specific Membrane Antigen. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10778-10782.	13.8	57
33	Targeted Inhibition of Snail Activity in Breast Cancer Cells by Using a Co ^{III} -Box Conjugate. <i>ChemBioChem</i> , 2015, 16, 2065-2072.	2.6	19
34	Light-Activated Protein Inhibition through Photoinduced Electron Transfer of a Ruthenium(II)-Cobalt(III) Bimetallic Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 3379-3385.	13.7	34
35	Water-soluble lipophilic MR contrast agents for cell membrane labeling. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 971-977.	2.6	6
36	Multimeric Near IR-MR Contrast Agent for Multimodal In Vivo Imaging. <i>Journal of the American Chemical Society</i> , 2015, 137, 9108-9116.	13.7	88

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37	Theranostic Magnetic Nanostructures (MNS) for Cancer. <i>Cancer Treatment and Research</i> , 2015, 166, 51-83.	0.5	30
38	High Relaxivity Gd(III)-DNA Gold Nanostars: Investigation of Shape Effects on Proton Relaxation. <i>ACS Nano</i> , 2015, 9, 3385-3396.	14.6	108
39	Nanodiscs as a Modular Platform for Multimodal MR-Optical Imaging. <i>Bioconjugate Chemistry</i> , 2015, 26, 899-905.	3.6	22
40	Tuning Cobalt(III) Schiff Base Complexes as Activated Protein Inhibitors. <i>Inorganic Chemistry</i> , 2015, 54, 9066-9074.	4.0	38
41	Modulation of Amyloid β Aggregation by Histidine-Coordinating Cobalt(III) Schiff Base Complexes. <i>ChemBioChem</i> , 2014, 15, 1584-1589.	2.6	37
42	Synthesis and characterization of a porphyrazine-Gd(III) MRI contrast agent and <i>in vivo</i> imaging of a breast cancer xenograft model. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 313-322.	0.8	16
43	Lanthanide Probes for Bioresponsive Imaging. <i>Chemical Reviews</i> , 2014, 114, 4496-4539.	47.7	965
44	A multimeric MR-optical contrast agent for multimodal imaging. <i>Chemical Communications</i> , 2014, 50, 11469-11471.	4.1	26
45	Gd(III)-Labeled Peptide Nanofibers for Reporting on Biomaterial Localization <i>in Vivo</i> . <i>ACS Nano</i> , 2014, 8, 7325-7332.	14.6	50
46	Progesterone-Targeted Magnetic Resonance Imaging Probes. <i>Bioconjugate Chemistry</i> , 2014, 25, 1428-1437.	3.6	6
47	Graphene Oxide Enhances Cellular Delivery of Hydrophilic Small Molecules by Co-incubation. <i>ACS Nano</i> , 2014, 8, 10168-10177.	14.6	59
48	Cell Labeling via Membrane-Anchored Lipophilic MR Contrast Agents. <i>Bioconjugate Chemistry</i> , 2014, 25, 945-954.	3.6	17
49	Mechanisms of Gadographene-Mediated Proton Spin Relaxation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16263-16273.	3.1	25
50	Cobalt derivatives as promising therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 189-196.	6.1	143
51	Photoinduced Electron Transfer from PbS Quantum Dots to Cobalt(III) Schiff Base Complexes: Light Activation of a Protein Inhibitor. <i>Journal of the American Chemical Society</i> , 2013, 135, 13162-13167.	13.7	33
52	Structural Optimization of Zn(II)-Activated Magnetic Resonance Imaging Probes. <i>Inorganic Chemistry</i> , 2013, 52, 12250-12261.	4.0	34
53	Spherical Nucleic Acid Nanoparticle Conjugates as an RNAi-Based Therapy for Glioblastoma. <i>Science Translational Medicine</i> , 2013, 5, 209ra152.	12.4	478
54	Rational design of [Co(acacen)L ₂] ⁺ inhibitors of protein function. <i>Dalton Transactions</i> , 2013, 42, 4002.	3.3	13

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55	Axial Ligand Exchange of <i>N</i> -heterocyclic Cobalt(III) Schiff Base Complexes: Molecular Structure and NMR Solution Dynamics. <i>Inorganic Chemistry</i> , 2013, 52, 1069-1076.	4.0	36
56	Spectroscopic Elucidation of the Inhibitory Mechanism of Cys ₂ His ₂ Zinc Finger Transcription Factors by Cobalt(III) Schiff Base Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 17043-17053.	3.3	29
57	pH-Responsive Theranostic Polymer-Caged Nanobins: Enhanced Cytotoxicity and <i>T</i> ₁ MRI Contrast by Her2 Targeting. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 770-774.	2.3	11
58	High Dynamic Range Processing for Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e77883.	2.5	5
59	Synapse-Binding Subpopulations of A β ² Oligomers Sensitive to Peptide Assembly Blockers and scFv Antibodies. <i>ACS Chemical Neuroscience</i> , 2012, 3, 972-981.	3.5	45
60	Kinetics and thermodynamics of irreversible inhibition of matrix metalloproteinase ² by a Co(III) Schiff base complex. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 853-860.	2.6	13
61	Trinuclear Ruthenium Clusters as Bivalent Electrochemical Probes for Ligand-Receptor Binding Interactions. <i>Langmuir</i> , 2012, 28, 939-949.	3.5	16
62	Analytical Methods for Characterizing Magnetic Resonance Probes. <i>Analytical Chemistry</i> , 2012, 84, 6278-6287.	6.5	39
63	Specific Inhibition of the Transcription Factor Ci by a Cobalt(III) Schiff Base-DNA Conjugate. <i>Molecular Pharmaceutics</i> , 2012, 9, 325-333.	4.6	47
64	Targeted Inactivation of Snail Family EMT Regulatory Factors by a Co(III)-Ebox Conjugate. <i>PLoS ONE</i> , 2012, 7, e32318.	2.5	52
65	Synthesis, Characterization, and in vitro Testing of a Bacteria-Targeted MR Contrast Agent. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2099-2107.	2.0	16
66	A Modular System for the Synthesis of Multiplexed Magnetic Resonance Probes. <i>Journal of the American Chemical Society</i> , 2011, 133, 5329-5337.	13.7	126
67	A Steroid-Conjugated Magnetic Resonance Probe Enhances Contrast in Progesterone Receptor Expressing Organs and Tumors <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2011, 8, 1390-1400.	4.6	25
68	Synthesis and Biological Evaluation of Water-Soluble Progesterone-Conjugated Probes for Magnetic Resonance Imaging of Hormone Related Cancers. <i>Bioconjugate Chemistry</i> , 2011, 22, 2304-2316.	3.6	34
69	Probing the Chemical Stability of Mixed Ferrites: Implications for Magnetic Resonance Contrast Agent Design. <i>Chemistry of Materials</i> , 2011, 23, 2657-2664.	6.7	68
70	Reporter Protein-Targeted Probes for Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2011, 133, 16346-16349.	13.7	64
71	Protein polymer MRI contrast agents: Longitudinal analysis of biomaterials in vivo. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 220-228.	3.0	25
72	Polystyrene microsphere-ferritin conjugates: A robust phantom for correlation of relaxivity and size distribution. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 522-530.	3.0	6

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73	Kinetic Dispersion in Redox-Active Dithiocarbamate Monolayers. <i>Langmuir</i> , 2010, 26, 2904-2913.	3.5	29
74	High-performance nanostructured MR contrast probes. <i>Nanoscale</i> , 2010, 2, 1884.	5.6	66
75	Modular Polymer-Caged Nanobins as a Theranostic Platform with Enhanced Magnetic Resonance Relaxivity and pH-Responsive Drug Release. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9960-9964.	13.8	53
76	Electrochemistry of redox-active self-assembled monolayers. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1769-1802.	18.8	489
77	Ferrocene and Maleimide-Functionalized Disulfide Scaffolds for Self-Assembled Monolayers on Gold. <i>Organic Letters</i> , 2010, 12, 3372-3375.	4.6	16
78	Highly dispersible, superparamagnetic magnetite nanoflowers for magnetic resonance imaging. <i>Chemical Communications</i> , 2010, 46, 73-75.	4.1	110
79	Molecular imaging of <i>in vivo</i> gene expression. <i>Future Medicinal Chemistry</i> , 2010, 2, 503-519.	2.3	19
80	Synthesis and Characterization of New Porphyrazine-Gd(III) Conjugates as Multimodal MR Contrast Agents. <i>Bioconjugate Chemistry</i> , 2010, 21, 2267-2275.	3.6	51
81	Gd(III)-Nanodiamond Conjugates for MRI Contrast Enhancement. <i>Nano Letters</i> , 2010, 10, 484-489.	9.1	294
82	Multivalent Protein Polymer MRI Contrast Agents: Controlling Relaxivity via Modulation of Amino Acid Sequence. <i>Biomacromolecules</i> , 2010, 11, 1429-1436.	5.4	36
83	Targeted inhibition of Snail family zinc finger transcription factors by oligonucleotide-Co(III) Schiff base conjugate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13667-13672.	7.1	80
84	Multimodal Gadolinium-Enriched DNA-Gold Nanoparticle Conjugates for Cellular Imaging. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9143-9147.	13.8	174
85	Novel redox active bifunctional crosslinkers from unsymmetrical 1,1-disubstituted ferrocenes. <i>Tetrahedron Letters</i> , 2009, 50, 5409-5412.	1.4	15
86	Bioresponsive, Cell-Penetrating, and Multimeric MR Contrast Agents. <i>Accounts of Chemical Research</i> , 2009, 42, 893-903.	15.6	290
87	Magnetic Nanoparticles for Early Detection of Cancer by Magnetic Resonance Imaging. <i>MRS Bulletin</i> , 2009, 34, 441-448.	3.5	61
88	Ultrasmall, Water-Soluble Magnetite Nanoparticles with High Relaxivity for Magnetic Resonance Imaging. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20855-20860.	3.1	133
89	Modification of embolic-PVA particles with MR contrast agents. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 898-902.	3.0	27
90	Preparation of magnetic resonance contrast agents activated by β -galactosidase. <i>Nature Protocols</i> , 2008, 3, 341-350.	12.0	24

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91	Cell-Permeable MR Contrast Agents with Increased Intracellular Retention. <i>Bioconjugate Chemistry</i> , 2008, 19, 2049-2059.	3.6	51
92	Synthesis of Multimeric MR Contrast Agents for Cellular Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 6662-6663.	13.7	176
93	Electroactive Self-Assembled Monolayers on Gold via Bipodal Dithiazepane Anchoring Groups. <i>Langmuir</i> , 2008, 24, 9096-9101.	3.5	17
94	Mechanisms of Zn ^{II} -Activated Magnetic Resonance Imaging Agents. <i>Inorganic Chemistry</i> , 2008, 47, 10788-10795.	4.0	94
95	Mechanistic Investigation of \hat{I}^2 -Galactosidase-Activated MR Contrast Agents. <i>Inorganic Chemistry</i> , 2008, 47, 56-68.	4.0	70
96	The synthesis and <i>in vitro</i> testing of a zinc-activated MRI contrast agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13881-13886.	7.1	172
97	DNA $\hat{\sim}$ TiO ₂ Nanoconjugates Labeled with Magnetic Resonance Contrast Agents. <i>Journal of the American Chemical Society</i> , 2007, 129, 15760-15761.	13.7	105
98	Thein vitro effects of a bimodal contrast agent on cellular functions and relaxometry. <i>NMR in Biomedicine</i> , 2007, 20, 77-89.	2.8	61
99	Rational Design, Synthesis, and Biological Evaluation of Progesterone-Modified MRI Contrast Agents. <i>Chemistry and Biology</i> , 2007, 14, 824-834.	6.0	35
100	Multimodal MRI contrast agents. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 939-949.	2.6	211
101	Quantitative Imaging of Cell-Permeable Magnetic Resonance Contrast Agents Using X-Ray Fluorescence. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00026.	1.4	32
102	Quantitative imaging of cell-permeable magnetic resonance contrast agents using x-ray fluorescence. <i>Molecular Imaging</i> , 2006, 5, 485-97.	1.4	17
103	A Gadolinium Chelate for Detection of \hat{I}^2 -Glucuronidase: A Self-Immolative Approach. <i>Journal of the American Chemical Society</i> , 2005, 127, 12847-12855.	13.7	164
104	Magnetic Resonance Imaging of Self-Assembled Biomaterial Scaffolds. <i>Bioconjugate Chemistry</i> , 2005, 16, 1343-1348.	3.6	92
105	A Steroid-Conjugated Contrast Agent for Magnetic Resonance Imaging of Cell Signaling. <i>Journal of the American Chemical Society</i> , 2005, 127, 13164-13166.	13.7	45
106	Synthesis and Electrochemical Characterization of a Transition-Metal-Modified Ligand $\hat{\sim}$ Receptor Pair. <i>Journal of the American Chemical Society</i> , 2005, 127, 11880-11881.	13.7	17
107	Self-Assembled Peptide Amphiphile Nanofibers Conjugated to MRI Contrast Agents. <i>Nano Letters</i> , 2005, 5, 1-4.	9.1	243
108	Assessing the effects of a contrast agent on the ability of neural stem cell grafts to recover behavioural impairments in a rat model of stroke: A 1 year serial MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S497-S497.	4.3	0

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109	Cellular Delivery of MRI Contrast Agents. <i>Chemistry and Biology</i> , 2004, 11, 301-307.	6.0	86
110	Mapping transplanted stem cell migration after a stroke: a serial, in vivo magnetic resonance imaging study. <i>NeuroImage</i> , 2004, 21, 311-317.	4.2	261
111	Synthesis and visualization of a membrane-permeable MRI contrast agent. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 746-750.	2.6	67
112	New magnetic resonance contrast agents as biochemical reporters. <i>Current Opinion in Neurobiology</i> , 2003, 13, 597-602.	4.2	118
113	5â€ Modification of Duplex DNA with a Ruthenium Electron Donorâ€ Acceptor Pair Using Solid-Phase DNA Synthesis. <i>Inorganic Chemistry</i> , 2003, 42, 1039-1044.	4.0	14
114	Mechanistic Studies of a Calcium-Dependent MRI Contrast Agent. <i>Inorganic Chemistry</i> , 2002, 41, 4018-4024.	4.0	166
115	Tracking Transplanted Stem Cell Migration Using Bifunctional, Contrast Agent-Enhanced, Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 803-811.	4.2	257
116	Tracking Transplanted Stem Cell Migration Using Bifunctional, Contrast Agent-Enhanced, Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 803-811.	4.2	30
117	Tracking transplanted stem cell migration using bifunctional, contrast agent-enhanced, magnetic resonance imaging. <i>NeuroImage</i> , 2002, 17, 803-11.	4.2	94
118	Electronic Detection of Single-Base Mismatches in DNA with Ferrocene-Modified Probes. <i>Journal of the American Chemical Society</i> , 2001, 123, 11155-11161.	13.7	271
119	In vivo visualization of gene expression using magnetic resonance imaging. <i>Nature Biotechnology</i> , 2000, 18, 321-325.	17.5	1,097
120	Uridine-Conjugated Ferrocene DNA Oligonucleotides: An Unexpected Cyclization Reaction of the Uridine Base. <i>Journal of the American Chemical Society</i> , 2000, 122, 6767-6768.	13.7	84
121	Inhibition of thermolysin and human α -thrombin by cobalt(III) Schiff base complexes. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 815-819.	3.0	94
122	A Calcium-Sensitive Magnetic Resonance Imaging Contrast Agent. <i>Journal of the American Chemical Society</i> , 1999, 121, 1413-1414.	13.7	283
123	Fluorescently Detectable Magnetic Resonance Imaging Agents. <i>Bioconjugate Chemistry</i> , 1998, 9, 242-249.	3.6	188
124	Selective Inhibition of Human α -Thrombin by Cobalt(III) Schiff Base Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 8555-8556.	13.7	51
125	Spectroscopy and Electrochemistry of Cobalt(III) Schiff Base Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 2498-2504.	4.0	268
126	A Smart Magnetic Resonance Imaging Agent That Reports on Specific Enzymatic Activity. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 726-728.	4.4	319

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127	Ein "intelligentes", Reagens für die NMR-Bildgebung zur Bestimmung spezifischer enzymatischer Aktivität. <i>Angewandte Chemie</i> , 1997, 109, 749-752.	2.0	25
128	Elektronenübertragung in DNA: Ruthenium-Elektronendonor- und -acceptorkomplexe als ortsspezifische Modifikationen doppelsträngiger DNA. <i>Angewandte Chemie</i> , 1995, 107, 358-360.	2.0	44
129	Electron Transfer through DNA: Site-Specific Modification of Duplex DNA with Ruthenium Donors and Acceptors. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 352-354.	4.4	272
130	Receptor-targeted co-transport of DNA and magnetic resonance contrast agents. <i>Chemistry and Biology</i> , 1995, 2, 615-620.	6.0	74
131	Electron transfer in DNA: predictions of exponential growth and decay of coupling with donor-acceptor distance. <i>Journal of the American Chemical Society</i> , 1993, 115, 2508-2510.	13.7	71
132	Long-range electron transfer in structurally engineered pentaammineruthenium (histidine-62)cytochrome c. <i>Journal of the American Chemical Society</i> , 1989, 111, 8757-8759.	13.7	49
133	Driving-force effects on the rate of long-range electron transfer in ruthenium-modified cytochrome c. <i>Journal of the American Chemical Society</i> , 1989, 111, 4353-4356.	13.7	111