

Roger C Prince

List of Publications by Year in descending order

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265
papers

16,578
citations

16451

64
h-index

17592

121
g-index

274
all docs

274
docs citations

274
times ranked

12975
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern analytical techniques are improving our ability to follow the fate of spilled oil in the environment. <i>Current Opinion in Chemical Engineering</i> , 2022, 36, 100787.	7.8	8
2	The aprotic electrochemistry of quinones. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148558.	1.0	8
3	Bioremediation of Petroleum Hydrocarbons in the Upper Parts of Sandy Beaches. <i>Environmental Science & Technology</i> , 2022, 56, 8124-8131.	10.0	8
4	Oil Irradiation Experiments Document Changes in Oil Properties, Molecular Composition, and Dispersant Effectiveness Associated with Oil Photo-Oxidation. <i>Environmental Science & Technology</i> , 2022, 56, 7789-7799.	10.0	16
5	Occurrence and biodegradation of hydrocarbons at high salinities. <i>Science of the Total Environment</i> , 2021, 762, 143165.	8.0	22
6	Crude oil biodegradation in upper and supratidal seashores. <i>Journal of Hazardous Materials</i> , 2021, 416, 125919.	12.4	16
7	Marine Oil Snow, a Microbial Perspective. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	23
8	Hypersaline Pore Water in Gulf of Mexico Beaches Prevented Efficient Biodegradation of Deepwater Horizon Beached Oil. <i>Environmental Science & Technology</i> , 2021, 55, 13792-13801.	10.0	14
9	Deepwater Horizon 2010: Subsea dispersants protected responders from VOC exposure. <i>Marine Pollution Bulletin</i> , 2021, 173, 113034.	5.0	4
10	Contradictory Conclusions Surrounding the Effects of Chemical Dispersants on Oil Biodegradation. <i>International Oil Spill Conference Proceedings</i> , 2021, 2021, .	0.1	3
11	The Importance of Understanding Transport and Degradation of Oil and Gasses from Deep-Sea Blowouts. , 2020, , 86-106.		3
12	Oil Pollution from Operations and Shipwrecks. , 2020, , 56-74.		0
13	Bioremediation of Marine Oil Spills. , 2019, , 45-69.		1
14	A Review on the Factors Affecting the Deposition, Retention, and Biodegradation of Oil Stranded on Beaches and Guidelines for Designing Laboratory Experiments. <i>Current Pollution Reports</i> , 2019, 5, 407-423.	6.6	29
15	Fatty Acids: Introduction. , 2019, , 3-23.		0
16	Prokaryotic Hydrocarbon Degradation. , 2019, , 1-39.		11
17	Global Consequences of Ubiquitous Hydrocarbon Utilizers. , 2019, , 319-335.		0
18	Integrating Dispersants in Oil Spill Response in Arctic and Other Icy Environments. <i>Environmental Science & Technology</i> , 2018, 52, 6098-6112.	10.0	43

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19	An Opportunity Lost? Research on Alternative Oil Spill Response Technologies Requires Active Engagement with the Professionals. <i>Environmental Science & Technology</i> , 2018, 52, 14029-14030.	10.0	1
20	Prokaryotic Hydrocarbon Degraders. , 2018, , 1-41.		17
21	Sulfate-Reducing Naphthalene Degraders Are Picky Eaters. <i>Microorganisms</i> , 2018, 6, 59.	3.6	4
22	Photochemically Generated Thiyl Free Radicals Observed by X-ray Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 11519-11526.	13.7	23
23	The Rate of Crude Oil Biodegradation in the Sea. <i>Environmental Science & Technology</i> , 2017, 51, 1278-1284.	10.0	85
24	Biodegradation of oil hydrocarbons and its implications for source identification. , 2016, , 869-916.		32
25	Applications I: Degradation & Pollution Mitigation and Waste Treatment Introduction. Springer Protocols, 2016, , 1-10.	0.3	0
26	Preparing the Hydrocarbon/Crude Oil. Springer Protocols, 2016, , 15-32.	0.3	3
27	Chemical Sensitivity of the Sulfur K-Edge X-ray Absorption Spectra of Organic Disulfides. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7279-7286.	2.5	13
28	The biodegradation of crude oil in the deep ocean. <i>Marine Pollution Bulletin</i> , 2016, 111, 354-357.	5.0	46
29	Bioremediation of Marine Oil Spills. , 2016, , 1-25.		6
30	Evaluating persistence of petroleum hydrocarbons in aerobic aqueous media. <i>Chemosphere</i> , 2016, 155, 542-549.	8.2	30
31	Oil dispersants do facilitate biodegradation of spilled oil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1421.	7.1	42
32	Marine Oil Biodegradation. <i>Environmental Science & Technology</i> , 2016, 50, 2121-2129.	10.0	183
33	Colin A. Wraight, 1945–2014. <i>Photosynthesis Research</i> , 2016, 127, 237-256.	2.9	9
34	Arsenic transfer and biotransformation in a fully characterized freshwater food web. <i>Coordination Chemistry Reviews</i> , 2016, 306, 558-565.	18.8	9
35	Introduction: Field and In Situ Studies. Springer Protocols, 2015, , 1-25.	0.3	0
36	Biostimulation of Marine Crude Oil Spills Using Dispersants. Springer Protocols, 2015, , 95-104.	0.3	2

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37	Introduction: Mesocosms and Microcosms. Springer Protocols, 2015, , 1-13.	0.3	2
38	Field Studies Demonstrating the Efficacy of Bioremediation in Marine Environments. Springer Protocols, 2015, , 81-93.	0.3	3
39	Transformation and Fate of Polycyclic Aromatic Hydrocarbons in Soil. Agronomy, 2015, , 89-110.	0.2	4
40	Redesigning photosynthesis to sustainably meet global food and bioenergy demand. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8529-8536.	7.1	751
41	Oil Spill Dispersants: Boon or Bane?. Environmental Science & Technology, 2015, 49, 6376-6384.	10.0	186
42	Volume 2: Hydrocarbon Extraction. Springer Protocols, 2015, , 9-30.	0.3	1
43	Biodegradation of Dispersed Oil in Arctic Seawater at -1°C. PLoS ONE, 2014, 9, e84297.	2.5	128
44	A protocol for assessing the effectiveness of oil spill dispersants in stimulating the biodegradation of oil. Environmental Science and Pollution Research, 2014, 21, 9506-9510.	5.3	59
45	Long-Range Chemical Sensitivity in the Sulfur K-Edge X-ray Absorption Spectra of Substituted Thiophenes. Journal of Physical Chemistry A, 2014, 118, 7796-7802.	2.5	31
46	Comment on "Toxicity and Mutagenicity of Gulf of Mexico Waters During and After the Deepwater Horizon Oil Spill". Environmental Science & Technology, 2014, 48, 3591-3592.	10.0	7
47	Great crested grebe usurps badger. Nature, 2014, 514, 305-305.	27.8	1
48	Lab tests on the biodegradation of chemically dispersed oil should consider the rapid dilution that occurs at sea. Marine Pollution Bulletin, 2013, 73, 314-318.	5.0	113
49	The primary biodegradation of dispersed crude oil in the sea. Chemosphere, 2013, 90, 521-526.	8.2	212
50	Comparing Photosynthetic and Photovoltaic Efficiencies and Recognizing the Potential for Improvement. Science, 2011, 332, 805-809.	12.6	1,369
51	Lab Tests on the Biodegradation Rates of Chemically Dispersed Oil Must Consider Natural Dilution. International Oil Spill Conference Proceedings, 2011, 2011, abs245.	0.1	6
52	Field metabolomics and laboratory assessments of anaerobic intrinsic bioremediation of hydrocarbons at a petroleum-contaminated site. Microbial Biotechnology, 2009, 2, 202-212.	4.2	54
53	Arsenic K-edge X-ray absorption spectroscopy of arsenic in seafood. Molecular Nutrition and Food Research, 2009, 53, 552-557.	3.3	14
54	Characterization of a modified nitrogenase Fe protein from Klebsiella pneumoniae in which the 4Fe4S cluster has been replaced by a 4Fe4Se cluster. Journal of Biological Inorganic Chemistry, 2009, 14, 673-682.	2.6	25

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55	Localizing the Chemical Forms of Sulfur in Vivo Using X-ray Fluorescence Spectroscopic Imaging: Application to Onion (<i>Allium cepa</i>) Tissues. <i>Biochemistry</i> , 2009, 48, 6846-6853.	2.5	43
56	Development of a Multimedia Model for the Fate Prediction of Hydrocarbon Fluids in Agrochemical Formulations. , 2009, , 39-54.		0
57	Mo ^V Electron Paramagnetic Resonance of Sulfite Oxidase Revisited: The Low-pH Chloride Signal. <i>Inorganic Chemistry</i> , 2008, 47, 2033-2038.	4.0	28
58	The primary aerobic biodegradation of biodiesel B20. <i>Chemosphere</i> , 2008, 71, 1446-1451.	8.2	91
59	Chemical Forms of Mercury and Selenium in Fish Following Digestion with Simulated Gastric Fluid. <i>Chemical Research in Toxicology</i> , 2008, 21, 2106-2110.	3.3	47
60	Soluble Variants of Rhodobacter capsulatus Membrane-anchored Cytochrome cy Are Efficient Photosynthetic Electron Carriers. <i>Journal of Biological Chemistry</i> , 2008, 283, 13964-13972.	3.4	11
61	X-Ray Absorption Spectroscopy as a Probe of Microbial Sulfur Biochemistry: the Nature of Bacterial Sulfur Globules Revisited. <i>Journal of Bacteriology</i> , 2008, 190, 6376-6383.	2.2	53
62	Development of a Multimedia Model for the Fate Prediction of Hydrocarbon Fluids in Agrochemical Formulations. <i>Journal of ASTM International</i> , 2008, 5, 101637.	0.2	1
63	Biodegradation of oil hydrocarbons and its implications for source identification. , 2007, , 349-379.		21
64	Sulfur X-ray Absorption Spectroscopy of Living Mammalian Cells: An Enabling Tool for Sulfur Metabolomics. In Situ Observation of Uptake of Taurine into MDCK Cells. <i>Biochemistry</i> , 2007, 46, 14735-14741.	2.5	24
65	Modified Active Site Coordination in a Clinical Mutant of Sulfite Oxidase. <i>Journal of the American Chemical Society</i> , 2007, 129, 9421-9428.	13.7	30
66	The Primary Aerobic Biodegradation of Gasoline Hydrocarbons. <i>Environmental Science & Technology</i> , 2007, 41, 3316-3321.	10.0	74
67	Strong poison revisited. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1891-1893.	3.5	22
68	Anaerobic biodegradation of natural gas condensate can be stimulated by the addition of gasoline. <i>Biodegradation</i> , 2007, 18, 515-523.	3.0	25
69	Biodegradation of oil hydrocarbons and its implications for source identification. , 2007, , 349-379.		3
70	Localizing the Biochemical Transformations of Arsenate in a Hyperaccumulating Fern. <i>Environmental Science & Technology</i> , 2006, 40, 5010-5014.	10.0	195
71	The photosynthetic deficiency due to puhC gene deletion in Rhodobacter capsulatus suggests a PuhC protein-dependent process of RC/LH1/PufX complex reorganization. <i>Archives of Biochemistry and Biophysics</i> , 2006, 454, 59-71.	3.0	11
72	A cadmium enzyme from a marine diatom. <i>Nature</i> , 2005, 435, 42-42.	27.8	518

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73	Sequestration of fermentation CO ₂ from ethanol production. <i>Energy</i> , 2005, 30, 1865-1871.	8.8	65
74	The PuhB Protein of <i>Rhodobacter capsulatus</i> Functions in Photosynthetic Reaction Center Assembly with a Secondary Effect on Light-Harvesting Complex 1. <i>Journal of Bacteriology</i> , 2005, 187, 1334-1343.	2.2	19
75	The Photobiological Production of Hydrogen: Potential Efficiency and Effectiveness as a Renewable Fuel. <i>Critical Reviews in Microbiology</i> , 2005, 31, 19-31.	6.1	217
76	The puhE gene of <i>Rhodobacter capsulatus</i> is needed for optimal transition from aerobic to photosynthetic growth and encodes a putative negative modulator of bacteriochlorophyll production. <i>Archives of Biochemistry and Biophysics</i> , 2005, 437, 186-198.	3.0	11
77	Quantification of Hydrocarbon Biodegradation Using Internal Markers. , 2005, , 179-188.		17
78	Membrane-anchored cytochrome c as an electron carrier in photosynthesis and respiration: past, present and future of an unexpected discovery. , 2005, , 471-478.		0
79	Crude Oil Releases to the Environment: Natural Fate and Remediation Options. , 2004, , 727-736.		9
80	Anaerobic biodegradation of alicyclic constituents of gasoline and natural gas condensate by bacteria from an anoxic aquifer. <i>FEMS Microbiology Ecology</i> , 2004, 49, 129-135.	2.7	60
81	X-ray Absorption Spectroscopy of Selenate Reductase. <i>Inorganic Chemistry</i> , 2004, 43, 402-404.	4.0	35
82	The Sulfur Chemistry of Shiitake Mushroom. <i>Journal of the American Chemical Society</i> , 2004, 126, 458-459.	13.7	42
83	Coordination Chemistry at the Molybdenum Site of Sulfite Oxidase: Redox-Induced Structural Changes in the Cysteine 207 to Serine Mutant. <i>Inorganic Chemistry</i> , 2004, 43, 8456-8460.	4.0	31
84	Mercury Binding to the Chelation Therapy Agents DMSA and DMPS and the Rational Design of Custom Chelators for Mercury. <i>Chemical Research in Toxicology</i> , 2004, 17, 999-1006.	3.3	102
85	Membrane-anchored cytochrome c as an electron carrier in photosynthesis and respiration: past, present and future of an unexpected discovery. <i>Photosynthesis Research</i> , 2003, 76, 127-134.	2.9	17
86	Thioredoxin _{1/2h} overexpressed in barley seeds enhances selenite resistance and uptake during germination and early seedling development. <i>Planta</i> , 2003, 218, 186-191.	3.2	25
87	Imaging of selenium in plants using tapered metal monocapillary optics. <i>Journal of Synchrotron Radiation</i> , 2003, 10, 289-290.	2.4	19
88	Anaerobic Oxidation of Crude Oil Hydrocarbons by the Resident Microorganisms of a Contaminated Anoxic Aquifer. <i>Environmental Science & Technology</i> , 2003, 37, 5213-5218.	10.0	172
89	Effects of Photosynthetic Reaction Center H Protein Domain Mutations on Photosynthetic Properties and Reaction Center Assembly in <i>Rhodobacter sphaeroides</i> . <i>Biochemistry</i> , 2003, 42, 8919-8928.	2.5	21
90	Weathering of a subarctic oil spill over 25 years: the Caribou-Poker Creeks Research Watershed experiment. <i>Cold Regions Science and Technology</i> , 2003, 36, 11-23.	3.5	21

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91	The Roles of Photooxidation and Biodegradation in Long-term Weathering of Crude and Heavy Fuel Oils. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 145-156.	0.4	164
92	Bioremediation of Stranded Oil on an Arctic Shoreline. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 303-312.	0.4	61
93	Biodegradation of Fuel Oil Under Laboratory and Arctic Marine Conditions. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 297-302.	0.4	34
94	Experimental design of the Svalbard shoreline field trials. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 245-256.	0.4	18
95	Toxicity Evaluation with the Microtox [®] Test to Assess the Impact of In Situ Oiled Shoreline Treatment Options: Natural Attenuation and Sediment Relocation. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 273-284.	0.4	28
96	In-situ Treatment of Oiled Sediment Shorelines. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 237-244.	0.4	30
97	The Reduction of Stranded Oil by In Situ Shoreline Treatment Options. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 257-272.	0.4	35
98	Oil-Induced Mineral Aggregate Formation on Oiled Beaches: Natural Attenuation and Sediment Relocation. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 285-296.	0.4	73
99	Substrate Preferences in Biodesulfurization of Diesel Range Fuels by <i>Rhodococcus</i> sp. Strain ECRD-1. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5833-5838.	3.1	22
100	Chemical Form and Distribution of Selenium and Sulfur in the Selenium Hyperaccumulator <i>Astragalus bisulcatus</i> L. <i>Plant Physiology</i> , 2003, 131, 1460-1467.	4.8	163
101	Biliary Excretion of [(GS) ₂ AsSe]-after Intravenous Injection of Rabbits with Arsenite and Selenate. <i>Chemical Research in Toxicology</i> , 2002, 15, 1466-1471.	3.3	76
102	Aqueous Vapor Extraction: A Previously Unrecognized Weathering Process Affecting Oil Spills in Vigorously Aerated Water. <i>Environmental Science & Technology</i> , 2002, 36, 2822-2825.	10.0	26
103	The Active Site of Arsenite Oxidase from <i>Alcaligenes faecalis</i> . <i>Journal of the American Chemical Society</i> , 2002, 124, 11276-11277.	13.7	74
104	Synthesis, Purification, and Structural Characterization of the Dimethyldiselenoarsinate Anion. <i>Inorganic Chemistry</i> , 2002, 41, 5426-5432.	4.0	27
105	The OSSA II Pipeline Oil Spill: the Character and Weathering of the Spilled Oil. <i>Spill Science and Technology Bulletin</i> , 2002, 7, 135-148.	0.4	44
106	Weathering of an Arctic oil spill over 20 years: the BIOS experiment revisited. <i>Marine Pollution Bulletin</i> , 2002, 44, 1236-1242.	5.0	66
107	Chemical speciation of accumulated metals in plants: evidence from X-ray absorption spectroscopy. <i>Microchemical Journal</i> , 2002, 71, 255-259.	4.5	83
108	X-ray absorption spectroscopy of bacterial sulfur globules. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2267-2268.	1.8	11

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109	In situ observation of the generation of isothiocyanates from sinigrin in horseradish and wasabi. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1527, 156-160.	2.4	33
110	Analysis of Sulfur Biochemistry of Sulfur Bacteria Using X-ray Absorption Spectroscopy. <i>Biochemistry</i> , 2001, 40, 8138-8145.	2.5	153
111	Human Cytosolic Iron Regulatory Protein 1 Contains a Linear Iron ²⁺ Sulfur Cluster. <i>Journal of the American Chemical Society</i> , 2001, 123, 10121-10122.	13.7	23
112	Reduction and Coordination of Arsenic in Indian Mustard. <i>Plant Physiology</i> , 2000, 122, 1171-1178.	4.8	525
113	Biodegradation of Methyltertiary-Butyl Ether (MTBE) and Other Fuel Oxygenates. <i>Critical Reviews in Microbiology</i> , 2000, 26, 163-178.	6.1	38
114	Fate of Selenate and Selenite Metabolized by <i>Rhodobacter sphaeroides</i> . <i>Applied and Environmental Microbiology</i> , 2000, 66, 4849-4853.	3.1	74
115	Subcellular Localization and Speciation of Nickel in Hyperaccumulator and Non-Accumulator <i>Thlaspi</i> Species. <i>Plant Physiology</i> , 2000, 122, 1343-1354.	4.8	431
116	The orf162b Sequence of <i>Rhodobacter capsulatus</i> Encodes a Protein Required for Optimal Levels of Photosynthetic Pigment-Protein Complexes. <i>Journal of Bacteriology</i> , 2000, 182, 5440-5447.	2.2	19
117	A Novel Protein-Bound Copper ²⁺ Molybdenum Cluster. <i>Journal of the American Chemical Society</i> , 2000, 122, 8321-8322.	13.7	90
118	A Metabolic Link between Arsenite and Selenite: The Seleno-bis(S-glutathionyl) Arsinium Ion. <i>Journal of the American Chemical Society</i> , 2000, 122, 4637-4639.	13.7	132
119	Structural Basis of the Antagonism between Inorganic Mercury and Selenium in Mammals. <i>Chemical Research in Toxicology</i> , 2000, 13, 1135-1142.	3.3	158
120	Pyrogenic Polycyclic Aromatic Hydrocarbons in Oil Burn Residues. <i>Environmental Science & Technology</i> , 2000, 34, 1934-1937.	10.0	31
121	The Active Site Structure of <i>Thalassiosira weissflogii</i> Carbonic Anhydrase 1. <i>Biochemistry</i> , 2000, 39, 12128-12130.	2.5	117
122	Structure of the Molybdenum Site of <i>Rhodobacter sphaeroides</i> Biotin Sulfoxide Reductase. <i>Biochemistry</i> , 2000, 39, 4046-4052.	2.5	33
123	POTENTIAL OF BIOMASS FUELS IN THE CONTEXT OF GLOBAL CLIMATE CHANGE: Focus on Transportation Fuels. <i>Annual Review of Environment and Resources</i> , 2000, 25, 199-244.	1.2	171
124	X-ray absorption spectroscopy of selenium-containing amino acids. <i>Journal of Biological Inorganic Chemistry</i> , 1999, 4, 791-794.	2.6	66
125	X-ray absorption spectroscopy of cadmium phytochelatin and model systems. <i>BBA - Proteins and Proteomics</i> , 1999, 1429, 351-364.	2.1	83
126	Structure of the Molybdenum Site of Dimethyl Sulfoxide Reductase. <i>Journal of the American Chemical Society</i> , 1999, 121, 1256-1266.	13.7	149

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127	Zinc Ligands in the Metal Hyperaccumulator <i>Thlaspi caerulescens</i> As Determined Using X-ray Absorption Spectroscopy. <i>Environmental Science & Technology</i> , 1999, 33, 713-717.	10.0	382
128	Treatment of Oiled Sediment Shorelines by Sediment Relocation. <i>International Oil Spill Conference Proceedings</i> , 1999, 1999, 549-554.	0.1	10
129	Exxon Oil Spill Technology Advances from the Valdez Cleanup. <i>International Oil Spill Conference Proceedings</i> , 1999, 1999, 357-362.	0.1	0
130	The Arms Suppliers in Predator-Prey Arms Races. <i>BioScience</i> , 1999, 49, 944.	4.9	1
131	Photooxidation of Crude Oils. <i>Environmental Science & Technology</i> , 1998, 32, 3719-3723.	10.0	240
132	Prions are copper-binding proteins. <i>Trends in Biochemical Sciences</i> , 1998, 23, 197-198.	7.5	23
133	Sulfur K-edge X-ray absorption spectroscopy for determining the chemical speciation of sulfur in biological systems. <i>FEBS Letters</i> , 1998, 441, 11-14.	2.8	150
134	Anaerobic Biodegradation of Long-Chain Alkanes under Sulfate-Reducing Conditions. <i>Environmental Science & Technology</i> , 1998, 32, 2191-2195.	10.0	127
135	Brassica Plants to Provide Enhanced Human Mineral Nutrition: Selenium Phytoenrichment and Metabolic Transformation. <i>Journal of Medicinal Food</i> , 1998, 1, 253-261.	1.5	38
136	Interaction of Arsenate with the Molybdenum Site of Sulfite Oxidase. <i>Journal of the American Chemical Society</i> , 1998, 120, 4522-4523.	13.7	38
137	Shoreline Bioremediation Following the Exxon Valdez Oil Spill in Alaska. <i>Bioremediation Journal</i> , 1997, 1, 97-104.	2.0	67
138	Metal Accumulation by Aquacultured Seedlings of Indian Mustard. <i>Environmental Science & Technology</i> , 1997, 31, 1636-1644.	10.0	187
139	The remarkable complexity of hydroxylamine oxidoreductase. <i>Nature Structural Biology</i> , 1997, 4, 247-250.	9.7	19
140	Bioremediation of marine oil spills. <i>Trends in Biotechnology</i> , 1997, 15, 158-160.	9.3	66
141	Environmental Applications of Marine Biotechnology. <i>Books in Soils, Plants, and the Environment</i> , 1997, , 615-628.	0.1	0
142	Electron Paramagnetic Resonance Spectroscopy of the Iron-Molybdenum Cofactor of <i>Clostridium pasteurianum</i> Nitrogenase. <i>Inorganic Chemistry</i> , 1996, 35, 434-438.	4.0	23
143	Longevity in the deep. <i>Trends in Ecology and Evolution</i> , 1996, 11, 280.	8.7	0
144	The membrane-bound cytochrome <i>cy</i> of <i>Rhodobacter capsulatus</i> can serve as an electron donor to the photosynthetic reaction center of <i>Rhodobacter sphaeroides</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1996, 1273, 159-164.	1.0	17

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145	Environmental Stability of Selected Petroleum Hydrocarbon Source and Weathering Ratios. <i>Environmental Science & Technology</i> , 1996, 30, 2332-2339.	10.0	320
146	X-ray absorption spectroscopy of <i>Pyrococcus furiosus</i> rubredoxin. <i>Journal of Biological Chemistry</i> , 1996, 1, 226-230.	2.6	20
147	Photosynthesis: the Z-scheme revised. <i>Trends in Biochemical Sciences</i> , 1996, 21, 121-122.	7.5	12
148	The Molybdenum Site of Sulfite Oxidase: A Comparison of Wild-Type and the Cysteine 207 to Serine Mutant Using X-ray Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 1996, 118, 8588-8592.	13.7	123
149	Cytochrome f revealed. <i>Trends in Biochemical Sciences</i> , 1995, 20, 217-218.	7.5	20
150	Alteration of Axial Coordination by Protein Engineering in Myoglobin. <i>Journal of Biological Chemistry</i> , 1995, 270, 15993-16001.	3.4	63
151	Wide Band, Time-Resolved Photoacoustic Study of Electron Transfer Reactions: Difference between Measured Enthalpies and Redox Free Energies. <i>The Journal of Physical Chemistry</i> , 1995, 99, 1090-1093.	2.9	37
152	Just plain vanilla?. <i>Trends in Biochemical Sciences</i> , 1994, 19, 521.	7.5	24
153	Effectiveness of bioremediation for the Exxon Valdez oil spill. <i>Nature</i> , 1994, 368, 413-418.	27.8	660
154	Roles of the Soluble Cytochrome c ₂ and Membrane-Associated Cytochrome c _y of <i>Rhodobacter capsulatus</i> in Photosynthetic Electron Transfer. <i>Biochemistry</i> , 1994, 33, 2496-2502.	2.5	65
155	Haloalkane dehalogenase caught in the act. <i>Trends in Biochemical Sciences</i> , 1994, 19, 3-4.	7.5	11
156	17.alpha.(H)-21.beta.(H)-hopane as a conserved internal marker for estimating the biodegradation of crude oil. <i>Environmental Science & Technology</i> , 1994, 28, 142-145.	10.0	415
157	Bacterioferritin: A Hemoprotein Member of the Ferritin Family. <i>Advances in Experimental Medicine and Biology</i> , 1994, 356, 157-164.	1.6	8
158	Bacterial Autotrophic CO ₂ Fixation. , 1994, , 121-127.		0
159	X-ray absorption spectroscopy of oriented cytochrome oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1993, 1142, 240-252.	1.0	35
160	Direct observation of bis-sulfur ligation to the heme of bacterioferritin. <i>Journal of the American Chemical Society</i> , 1993, 115, 7716-7718.	13.7	30
161	Novel iron-sulfur clusters. <i>Trends in Biochemical Sciences</i> , 1993, 18, 153-154.	7.5	22
162	Rising interest in nitric oxide synthase. <i>Trends in Biochemical Sciences</i> , 1993, 18, 35-36.	7.5	26

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163	Petroleum Spill Bioremediation in Marine Environments. <i>Critical Reviews in Microbiology</i> , 1993, 19, 217-240.	6.1	286
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