Fahmi Himo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2879928/publications.pdf

Version: 2024-02-01

129 papers	7,906 citations	53794 45 h-index	51608 86 g-index
133 all docs	133 docs citations	133 times ranked	8079 citing authors

#	Article	IF	Citations
1	On the Importance of Considering Multinuclear Metal Sites in Homogeneous Catalysis Modeling. Topics in Catalysis, 2022, 65, 96-104.	2.8	4
2	Computational Study of Mechanism and Enantioselectivity of Imine Reductase from Amycolatopsis orientalis. ChemistryOpen, 2022, 11, e202100250.	1.9	7
3	Solvent Dependency in Stereoselective Î´â€Lactam Formation of Chiral Î±â€Fluoromalonate Derivatives: Stereodivergent Synthesis of Heterocycles with Fluorine Containing Stereocenters Adjacent to Tertiary Stereocenters. Advanced Synthesis and Catalysis, 2022, 364, 958-965.	4.3	2
4	Status report on the quantum chemical cluster approach for modeling enzyme reactions. Communications Chemistry, 2022, 5, .	4.5	40
5	Binding and Assembly of a Benzotriazole Cavitand in Water. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
6	Computational and Experimental Study of Turboâ€Organomagnesium Amide Reagents: Cubane Aggregates as Reactive Intermediates in Pummerer Coupling. Chemistry - A European Journal, 2021, 27, 2767-2773.	3.3	4
7	Metal Ion Promiscuity and Structure of 2,3â€Dihydroxybenzoic Acid Decarboxylase of Aspergillus oryzae. ChemBioChem, 2021, 22, 652-656.	2.6	17
8	Mechanism of the Kinugasa Reaction Revisited. Journal of Organic Chemistry, 2021, 86, 10665-10671.	3.2	11
9	Combined Experimental and Computational Study of Ruthenium N-Hydroxyphthalimidoyl Carbenes in Alkene Cyclopropanation Reactions. ACS Catalysis, 2021, 11, 10950-10963.	11.2	9
10	Enzymatic Stetter Reaction: Computational Study of the Reaction Mechanism of MenD. ACS Catalysis, 2021, 11, 12355-12366.	11.2	6
11	Mechanisms of metal-dependent non-redox decarboxylases from quantum chemical calculations. Computational and Structural Biotechnology Journal, 2021, 19, 3176-3186.	4.1	12
12	Electrophilic Fluorination of Alkenes via Boraâ€Wagnerâ€Meerwein Rearrangement. Access to Î²â€Difluoroalkyl Boronates. Angewandte Chemie, 2021, 133, 26531.	2.0	4
13	Electrophilic Fluorination of Alkenes via Boraâ€Wagnerâ€“Meerwein Rearrangement. Access to Î²â€Difluoroalkyl Boronates. Angewandte Chemie - International Edition, 2021, 60, 26327-26331.	13.8	31
14	Mechanism of Biocatalytic Friedelâ€“Crafts Acylation by Acyltransferase from Pseudomonas protegens. ACS Catalysis, 2020, 10, 570-577.	11.2	24
15	Mechanisms of Formation and Rearrangement of Benziodoxole-Based CF₃ and SCF₃ Transfer Reagents. Journal of Organic Chemistry, 2020, 85, 15577-15585.	3.2	4
16	Computational Study of Pictetâ€“Spenglerase Strictosidine Synthase: Reaction Mechanism and Origins of Enantioselectivity of Natural and Non-Natural Substrates. ACS Catalysis, 2020, 10, 13630-13640.	11.2	20
17	Enantioselective Construction of Tertiary Fluoride Stereocenters by Organocatalytic Fluorocyclization. Journal of the American Chemical Society, 2020, 142, 20048-20057.	13.7	55
18	Unraveling the Mechanism of the Ir^{III}â€Catalyzed Regiospecific Synthesis of Î±â€Chlorocarbonyl Compounds from Allylic Alcohols. Chemistry - A European Journal, 2020, 26, 14978-14986.	3.3	4

#	Article	IF	Citations
19	Mechanism of 3â€Methylglutaconyl CoA Decarboxylase AibA/AibB: Pericyclic Reaction versus Direct Decarboxylation. Angewandte Chemie, 2020, 132, 23173-23177.	2.0	1
20	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganeseâ€“Potassium Dinuclear Active Species. Chemistry - A European Journal, 2020, 26, 10647-10647.	3.3	0
21	Mechanism of 3â€Methylglutaconyl CoA Decarboxylase AibA/AibB: Pericyclic Reaction versus Direct Decarboxylation. Angewandte Chemie - International Edition, 2020, 59, 22973-22977.	13.8	8
22	Variants of the Acyltransferase from Mycobacterium smegmatis Enable Enantioselective Acyl Transfer in Water. ACS Catalysis, 2020, 10, 10500-10507.	11.2	23
23	Modeling the Reaction of Carboxylic Acids and Isonitriles in a Selfâ€Assembled Capsule. Chemistry - A European Journal, 2020, 26, 10861-10870.	3.3	5
24	Esterification of Tertiary Amides: Remarkable Additive Effects of Potassium Alkoxides for Generating Hetero Manganeseâ€“Potassium Dinuclear Active Species. Chemistry - A European Journal, 2020, 26, 10735-10742.	3.3	6
25	Modeling Enzymatic Enantioselectivity using Quantum Chemical Methodology. ACS Catalysis, 2020, 10, 6430-6449.	11.2	71
26	Mechanisms of Metal-Catalyzed Electrophilic F/CF3/SCF3 Transfer Reactions from Quantum Chemical Calculations. Topics in Organometallic Chemistry, 2020, , 39-56.	0.7	2
27	Efficient Stereoselective Carbocyclization to cis-1,4-Disubstituted Heterocycles Enabled by Dual Pd/Electron Transfer Mediator (ETM) Catalysis. Journal of the American Chemical Society, 2020, 142, 5751-5759.	13.7	21
28	Origins of Enantiopreference of Mycobacterium smegmatis Acyl Transferase: A Computational Analysis. Chemistry - A European Journal, 2019, 25, 11945-11954.	3.3	15
29	Computational characterization of enzyme-bound thiamin diphosphate reveals a surprisingly stable tricyclic state: implications for catalysis. Beilstein Journal of Organic Chemistry, 2019, 15, 145-159.	2.2	7
30	Diastereoselective Synthesis of N-Protected 2,3-Dihydropyrroles via Iron-Catalyzed Cycloisomerization of Î±-Allenic Sulfonamides. ACS Catalysis, 2019, 9, 1733-1737.	11.2	26
31	Enzymatic Pictetâ€“Spengler Reaction: Computational Study of the Mechanism and Enantioselectivity of Norcoclaurine Synthase. Journal of the American Chemical Society, 2019, 141, 11230-11238.	13.7	49
32	Scope and Challenge of Computational Methods for Studying Mechanism and Reactivity in Homogeneous Catalysis. ACS Catalysis, 2019, 9, 6803-6813.	11.2	145
33	Modeling Decomposition of N-Nitrosoamides in a Self-Assembled Capsule. Journal of Organic Chemistry, 2019, 84, 7354-7361.	3.2	5
34	Computational Study of Enantioselective Carboligation Catalyzed by Benzoylformate Decarboxylase. ACS Catalysis, 2019, 9, 5657-5667.	11.2	13
35	Editorial: Challenges in Computational Enzymology. Frontiers in Chemistry, 2019, 7, 690.	3.6	3
36	Mechanism(s) of thermal decomposition of N-Nitrosoamides: A density functional theory study. Tetrahedron, 2019, 75, 929-935.	1.9	10

#	Article	IF	Citations
37	Mechanisms of Rh-Catalyzed Oxyfluorination and Oxytrifluoromethylation of Diazocarbonyl Compounds with Hypervalent Fluoroiodine. ACS Catalysis, 2018, 8, 4483-4492.	11.2	35
38	Mechanism and Structure of Î³-Resorcylate Decarboxylase. Biochemistry, 2018, 57, 3167-3175.	2.5	30
39	Mechanistic Insight into Enantioselective Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€“Borylation of Enallenes. Chemistry - A European Journal, 2018, 24, 2433-2439.	3.3	11
40	Mechanism and selectivity of rhodiumâ€catalyzed Cï£¿H bond arylation of indoles. International Journal of Quantum Chemistry, 2018, 118, e25526.	2.0	7
41	Efficient Formation of 2,3-Dihydrofurans via Iron-Catalyzed Cycloisomerization of Î±-Allenols. ACS Catalysis, 2018, 8, 12-16.	11.2	42
42	Reaction Mechanism and Substrate Specificity of Iso-orotate Decarboxylase: A Combined Theoretical and Experimental Study. Frontiers in Chemistry, 2018, 6, 608.	3.6	12
43	An Unsymmetric Ligand with a N5 O2 Donor Set and Its Corresponding Dizinc Complex: A Structural and Functional Phosphoesterase Model. European Journal of Inorganic Chemistry, 2018, 2018, 3986-3986.	2.0	0
44	Highly Selective Palladium-Catalyzed Hydroborylative Carbocyclization of Bisallenes to Seven-Membered Rings. Journal of the American Chemical Society, 2018, 140, 14324-14333.	13.7	38
45	Computational Study of Mycobacterium smegmatis Acyl Transferase Reaction Mechanism and Specificity. ACS Catalysis, 2018, 8, 10698-10706.	11.2	40
46	Mechanisms of Rh-Catalyzed Oxyaminofluorination and Oxyaminotrifluoromethylthiolation of Diazocarbonyl Compounds with Electrophilic Reagents. Organic Letters, 2018, 20, 6646-6649.	4.6	20
47	Mixed Explicitâ€“Implicit Solvation Approach for Modeling of Alkane Complexation in Water-Soluble Self-Assembled Capsules. Journal of the American Chemical Society, 2018, 140, 12527-12537.	13.7	15
48	An Unsymmetric Ligand with a N₅O₂ Donor Set and Its Corresponding Dizinc Complex: A Structural and Functional Phosphoesterase Model. European Journal of Inorganic Chemistry, 2018, 2018, 4004-4013.	2.0	14
49	A Theoretical Study of the Benzoylformate Decarboxylase Reaction Mechanism. Frontiers in Chemistry, 2018, 6, 205.	3.6	15
50	Mechanistic alternatives for peptide bond formation on the ribosome. Nucleic Acids Research, 2018, 46, 5345-5354.	14.5	12
51	Mechanistic Elucidation of Zirconium-Catalyzed Direct Amidation. Journal of the American Chemical Society, 2017, 139, 2286-2295.	13.7	70
52	Theoretical Study of Enzyme Promiscuity: Mechanisms of Hydration and Carboxylation Activities of Phenolic Acid Decarboxylase. ACS Catalysis, 2017, 7, 1733-1741.	11.2	37
53	Recent Trends in Quantum Chemical Modeling of Enzymatic Reactions. Journal of the American Chemical Society, 2017, 139, 6780-6786.	13.7	199
54	A Combined Experimental-Theoretical Study of the LigW-Catalyzed Decarboxylation of 5-Carboxyvanillate in the Metabolic Pathway for Lignin Degradation. ACS Catalysis, 2017, 7, 4968-4974.	11.2	37

#	Article	IF	Citations
55	Exploring the Catalytic Promiscuity of Phenolic Acid Decarboxylases: Asymmetric, 1,6â€Conjugate Addition of Nucleophiles Across 4â€Hydroxystyrene. Advanced Synthesis and Catalysis, 2017, 359, 2066-2075.	4.3	18
56	Quantum Chemical Study of Dual-Substrate Recognition in Ï‰-Transaminase. ACS Omega, 2017, 2, 890-898.	3.5	18
57	Metathesis Mechanism of Zinc-Catalyzed Fluorination of Alkenes with Hypervalent Fluoroiodine. ACS Catalysis, 2017, 7, 1093-1100.	11.2	57
58	Quantum Chemical Modeling of Cycloaddition Reaction in a Self-Assembled Capsule. Journal of the American Chemical Society, 2017, 139, 15494-15503.	13.7	35
59	Mechanism and Stereoselectivity of the BINOL-Catalyzed Allylboration of Skatoles. Organic Letters, 2017, 19, 5904-5907.	4.6	21
60	Regioselective paraâ€Carboxylation of Catechols with a Prenylated Flavin Dependent Decarboxylase. Angewandte Chemie - International Edition, 2017, 56, 13893-13897.	13.8	64
61	Quantum chemical study of mechanism and stereoselectivity of secondary alcohol dehydrogenase. Journal of Inorganic Biochemistry, 2017, 175, 259-266.	3.5	23
62	Mechanism and Selectivity of Cooperatively Catalyzed Meyerâ€“Schuster Rearrangement/Tsujiâ€“Trost Allylic Substitution. Evaluation of Synergistic Catalysis by Means of Combined DFT and Kinetics Simulations. Journal of the American Chemical Society, 2017, 139, 10250-10266.	13.7	43
63	Regioselektive paraâ€Carboxylierung von Catecholen mit einer Prenylflavinâ€abhÃngigen Decarboxylase. Angewandte Chemie, 2017, 129, 14081-14085.	2.0	6
64	Elucidation of Mechanisms and Selectivities of Metal-Catalyzed Reactions using Quantum Chemical Methodology. Accounts of Chemical Research, 2016, 49, 1006-1018.	15.6	73
65	Peptide Release on the Ribosome Involves Substrate-Assisted Base Catalysis. ACS Catalysis, 2016, 6, 8432-8439.	11.2	15
66	Quantum Chemical Modeling of Enantioconvergency in Soluble Epoxide Hydrolase. ACS Catalysis, 2016, 6, 8145-8155.	11.2	32
67	Origins of Stereoselectivity in Peptide-Catalyzed Kinetic Resolution of Alcohols. ACS Catalysis, 2016, 6, 1165-1171.	11.2	20
68	Nucleophilic Substitution of the Hydroxyl Group in Stereogenic Alcohols with Chirality Transfer. Synlett, 2016, 27, 173-176.	1.8	3
69	Theoretical Study of Phosphodiester Hydrolysis and Transesterification Catalyzed by an Unsymmetric Biomimetic Dizinc Complex. Inorganic Chemistry, 2016, 55, 1872-1882.	4.0	30
70	Enzyme catalysis by entropy without Circe effect. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2406-2411.	7.1	50
71	Theoretical study of the reaction mechanism of phenolic acid decarboxylase. FEBS Journal, 2015, 282, 4703-4713.	4.7	47
72	Catalytic Asymmetric Reactions of 4â€Substituted Indoles with Nitroethene: A Direct Entry to Ergot Alkaloid Structures. Chemistry - A European Journal, 2015, 21, 17578-17582.	3.3	46

#	Article	IF	Citations
73	Theoretical Study of Mechanism and Stereoselectivity of Catalytic Kinugasa Reaction. Journal of Organic Chemistry, 2015, 80, 2649-2660.	3.2	48
74	A quantum chemical study of the Ï‰-transaminase reaction mechanism. Organic and Biomolecular Chemistry, 2015, 13, 8453-8464.	2.8	70
75	BrÃ¸nsted Acid-Catalyzed Intramolecular Nucleophilic Substitution of the Hydroxyl Group in Stereogenic Alcohols with Chirality Transfer. Journal of the American Chemical Society, 2015, 137, 4646-4649.	13.7	58
76	Mechanism, reactivity, and selectivity of the iridium-catalyzed C(sp³)â€“H borylation of chlorosilanes. Chemical Science, 2015, 6, 1735-1746.	7.4	63
77	A Heterobimetallic Fe^{III}Mn^{II} Complex of an Unsymmetrical Dinucleating Ligand: A Structural and Functional Model Complex for the Active Site of Purple Acid Phosphatase of Sweet Potato. European Journal of Inorganic Chemistry, 2014, 2014, 2204-2212.	2.0	35
78	A dinuclear zinc(II) complex of a new unsymmetric ligand with an N5O2 donor set; A structural and functional model for the active site of zinc phosphoesterases. Journal of Inorganic Biochemistry, 2014, 132, 6-17.	3.5	28
79	Quantum Chemical Studies of Mechanisms for Metalloenzymes. Chemical Reviews, 2014, 114, 3601-3658.	47.7	494
80	Theoretical Study of Reaction Mechanism and Stereoselectivity of Arylmalonate Decarboxylase. ACS Catalysis, 2014, 4, 4153-4160.	11.2	44
81	Stereoselective allylboration of imines and indoles under mild conditions. An in situ E/Z isomerization of imines by allylboroxines. Chemical Science, 2014, 5, 2732-2738.	7.4	54
82	Arylation with Unsymmetrical Diaryliodonium Salts: A Chemoselectivity Study. Chemistry - A European Journal, 2013, 19, 10334-10342.	3.3	220
83	Quantum Chemistry as a Tool in Asymmetric Biocatalysis: Limonene Epoxide Hydrolase Test Case. Angewandte Chemie - International Edition, 2013, 52, 4563-4567.	13.8	54
84	Combining Meyerâ€“Schuster Rearrangement with Aldol and Mannich Reactions: Theoretical Study of the Intermediate Interception Strategy. Journal of the American Chemical Society, 2012, 134, 19159-19169.	13.7	26
85	Theoretical Study of Asymmetric Transfer Hydrogenation of Ketones Catalyzed by Amino Acidâ€Đerived Rhodium Complexes. ChemCatChem, 2012, 4, 1095-1104.	3.7	22
86	Luminescence properties of the Cu4I62â^' cluster. CrystEngComm, 2011, 13, 4729.	2.6	22
87	Theoretical Study of the Chemoselectivity of Tungsten-Dependent Acetylene Hydratase. ACS Catalysis, 2011, 1, 937-944.	11.2	31
88	Quantum Chemical Modeling of Enzymatic Reactions: The Case of Decarboxylation. Journal of Chemical Theory and Computation, 2011, 7, 1494-1501.	5.3	66
89	Theoretical Study of Mechanism and Selectivity of Copper-Catalyzed Câ€“H Bond Amidation of Indoles. Journal of Organic Chemistry, 2011, 76, 9246-9252.	3.2	44
90	The quantum chemical cluster approach for modeling enzyme reactions. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2011, 1, 323-336.	14.6	232

#	Article	IF	Citations
91	Quantum chemical modeling of enzymatic reactions: The case of histone lysine methyltransferase. Journal of Computational Chemistry, 2010, 31, 1707-1714.	3.3	63
92	Quantum Chemical Modeling of Enzymatic Reactions â€“ Applications to Epoxide-Transforming Enzymes. , 2010, , 719-747.		11
93	Phosphate Mono- and Diesterase Activities of the Trinuclear Zinc Enzyme Nuclease P1â€”Insights from Quantum Chemical Calculations. Inorganic Chemistry, 2010, 49, 6883-6888.	4.0	33
94	Reaction Mechanism of the Trinuclear Zinc Enzyme Phospholipase C: A Density Functional Theory Study. Journal of Physical Chemistry B, 2010, 114, 2533-2540.	2.6	38
95	Origin of Enantioselectivity in the Organocatalytic Reductive Amination of Î±â€Branched Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 525-529.	4.3	61
96	Theoretical Study of the RNA Hydrolysis Mechanism of the Dinuclear Zinc Enzyme RNase Z. European Journal of Inorganic Chemistry, 2009, 2009, 2967-2972.	2.0	15
97	Recent developments of the quantum chemical cluster approach for modeling enzyme reactions. Journal of Biological Inorganic Chemistry, 2009, 14, 643-651.	2.6	257
98	Technical aspects of quantum chemical modeling of enzymatic reactions: the case of phosphotriesterase. Theoretical Chemistry Accounts, 2008, 120, 515-522.	1.4	67
99	Theoretical Investigation of the Reaction Mechanism of the Dinuclear Zinc Enzyme Dihydroorotase. Chemistry - A European Journal, 2008, 14, 4287-4292.	3.3	47
100	Theoretical Investigation of the Second-Shell Mechanism of Nitrile Hydratase. European Journal of Inorganic Chemistry, 2008, 2008, 1406-1412.	2.0	24
101	On the Role of Tyrosine as Catalytic Base in Nitrile Hydratase. European Journal of Inorganic Chemistry, 2008, 2008, 3452-3459.	2.0	10
102	Reaction of Carboxylic Acids with Isocyanides: A Mechanistic DFT Study. European Journal of Organic Chemistry, 2008, 2008, 4751-4754.	2.4	12
103	Quantum Chemical Modeling of the Dehalogenation Reaction of Haloalcohol Dehalogenase. Journal of Chemical Theory and Computation, 2008, 4, 1129-1137.	5.3	72
104	Density Functional Theory Study of the Cinchona Thioureaâ€•Catalyzed Henry Reaction: Mechanism and Enantioselectivity. Advanced Synthesis and Catalysis, 2007, 349, 2537-2548.	4.3	99
105	Quantum chemical modeling of enzymatic reactions: The case of 4-oxalocrotonate tautomerase. Bioorganic Chemistry, 2007, 35, 444-457.	4.1	78
106	Insights into the Reaction Mechanism of Soluble Epoxide Hydrolase from Theoretical Active Site Mutants. Journal of Physical Chemistry B, 2006, 110, 21299-21310.	2.6	41
107	Quantum chemical modeling of enzyme active sites and reaction mechanisms. Theoretical Chemistry Accounts, 2006, 116, 232-240.	1.4	180
108	Theoretical Study of the Full Reaction Mechanism of Human Soluble Epoxide Hydrolase. Chemistry - A European Journal, 2006, 12, 6898-6909.	3.3	59

#	Article	IF	Citations
109	Copper(I)-Catalyzed Synthesis of Azoles. DFT Study Predicts Unprecedented Reactivity and Intermediates. Journal of the American Chemical Society, 2005, 127, 210-216.	13.7	1,497
110	Reaction Mechanism of Deoxyribonucleotidase:Â A Theoretical Study. Journal of Physical Chemistry B, 2005, 109, 20004-20008.	2.6	18
111	Catalytic Mechanism of Limonene Epoxide Hydrolase, a Theoretical Study. Journal of the American Chemical Society, 2005, 127, 14339-14347.	13.7	78
112	Câ€“C bond formation and cleavage in radical enzymes, a theoretical perspective. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1707, 24-33.	1.0	53
113	Quantum Chemical Studies of Radical-Containing Enzymes. Chemical Reviews, 2003, 103, 2421-2456.	47.7	266
114	Density Functional Theory Study of the Intramolecular [2 + 3] Cycloaddition of Azide to Nitriles. Journal of Organic Chemistry, 2003, 68, 9076-9080.	3.2	36
115	DNA Repair by Spore Photoproduct Lyase:Â A Density Functional Theory Study. Journal of Physical Chemistry B, 2003, 107, 11188-11192.	2.6	18
116	Why Is Tetrazole Formation by Addition of Azide to Organic Nitriles Catalyzed by Zinc(II) Salts?. Journal of the American Chemical Society, 2003, 125, 9983-9987.	13.7	333
117	Catalytic Mechanism of Benzylsuccinate Synthase, a Theoretical Study. Journal of Physical Chemistry B, 2002, 106, 7688-7692.	2.6	42
118	Mechanisms of Tetrazole Formation by Addition of Azide to Nitriles. Journal of the American Chemical Society, 2002, 124, 12210-12216.	13.7	303
119	Density Functional Theory Study of the Î²-Carotene Radical Cation. Journal of Physical Chemistry A, 2001, 105, 7933-7937.	2.5	32
120	Catalytic Mechanism of Glyoxalase I:Â A Theoretical Study. Journal of the American Chemical Society, 2001, 123, 10280-10289.	13.7	50
121	Substituent effects on OH bond strength and hyperfine properties of phenol, as model for modified tyrosyl radicals in proteins. International Journal of Quantum Chemistry, 2000, 76, 714-723.	2.0	68
122	Very Stable Ribonucleotide Substrate Radical Relevant for Class I Ribonucleotide Reductase. Journal of Physical Chemistry B, 2000, 104, 7502-7509.	2.6	37
123	Substituent effects on OH bond strength and hyperfine properties of phenol, as model for modified tyrosyl radicals in proteins. , 2000, 76, 714.		1
124	Catalytic Mechanism of Pyruvate Formate-Lyase (PFL). A Theoretical Study. Journal of the American Chemical Society, 1998, 120, 11449-11455.	13.7	69
125	Effects of Ionizing Radiation on Crystalline Cytosine Monohydrate. Journal of Physical Chemistry B, 1998, 102, 7484-7491.	2.6	68
126	Hydrogen Atom Transfer in Ribonucleotide Reductase (RNR). Journal of Physical Chemistry B, 1998, 102, 10622-10629.	2.6	138

#	Article	IF	Citations
127	Electronic and Magnetic Properties of Neutral and Charged Quinone and Plastoquinone Radicals. Journal of Physical Chemistry A, 1997, 101, 9496-9504.	2.5	51
128	Theoretical Study of Model Tryptophan Radicals and Radical Cations:Â Comparison with Experimental Data of DNA Photolyase, CytochromecPeroxidase, and Ribonucleotide Reductase. Journal of Physical Chemistry B, 1997, 101, 9811-9819.	2.6	46
129	Binding and Assembly of a Benzotriazole Cavitand in Water. Angewandte Chemie, 0, , .	2.0	4