

Shyamalava Mazumdar

List of Publications by Year in descending order

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | J- and H-Aggregates of Porphyrin~Surfactant Complexes: Time-Resolved Fluorescence and Other Spectroscopic Studies. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1528-1538. | 2.6 | 753 |
| 2 | Electrospray Ionization Mass Spectrometry: A Technique to Access the Information beyond the Molecular Weight of the Analyte. <i>International Journal of Analytical Chemistry</i> , 2012, 2012, 1-40. | 1.0 | 377 |
| 3 | Structural and Conformational Stability of Horseradish Peroxidase: Effect of Temperature and pH. <i>Biochemistry</i> , 2000, 39, 263-270. | 2.5 | 288 |
| 4 | Fluorescence Dynamics of Noncovalently Linked Porphyrin Dimers, and Aggregates. <i>The Journal of Physical Chemistry</i> , 1995, 99, 17192-17197. | 2.9 | 216 |
| 5 | Dynamics of Porphyrin Molecules in Micelles. Picosecond Time-Resolved Fluorescence Anisotropy Studies. <i>The Journal of Physical Chemistry</i> , 1995, 99, 10708-10715. | 2.9 | 89 |
| 6 | Characterization of a partially unfolded structure of cytochrome c induced by sodium dodecyl sulphate and the kinetics of its refolding. <i>FEBS Journal</i> , 1998, 254, 662-670. | 0.2 | 84 |
| 7 | Direct electrochemistry of heme proteins: effect of electrode surface modification by neutral surfactants. <i>Bioelectrochemistry</i> , 2001, 53, 17-24. | 4.6 | 82 |
| 8 | J- and H-Aggregates of Porphyrins with Surfactants: Fluorescence, Stopped Flow and Electron Microscopy Studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998, 02, 369-376. | 0.8 | 69 |
| 9 | Stabilization of Partially Folded States of Cytochrome C in Aqueous Surfactant: Effects of Ionic and Hydrophobic Interactions. <i>Biochemistry</i> , 2003, 42, 14606-14613. | 2.5 | 68 |
| 10 | Spectroscopic and Mechanistic Studies of Type-1 and Type-2 Copper Sites in <i>Pseudomonas aeruginosa</i> Azurin As Obtained by Addition of External Ligands to Mutant His46Gly. <i>Biochemistry</i> , 1996, 35, 1397-1407. | 2.5 | 60 |
| 11 | The role of surface O-vacancies in the photocatalytic oxidation of Methylene Blue by Zn-doped TiO ₂ : A Mechanistic approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 345, 36-53. | 3.9 | 55 |
| 12 | Six-coordinated high-spin models for ferric hemoproteins: NMR and ESR study of the diaquo(protoporphyrinato IX)iron(III) cation and aquohydroxo(protoporphyrinato IX)iron(III) intercalated in aqueous detergent micelles. <i>Inorganic Chemistry</i> , 1988, 27, 2541-2543. | 4.0 | 51 |
| 13 | The introduction of a negative charge into the hydrophobic patch of <i>Pseudomonas aeruginosa</i> azurin affects the electron self-exchange rate and the electrochemistry. <i>FEBS Journal</i> , 1994, 222, 583-588. | 0.2 | 47 |
| 14 | pH-Induced Conformational Perturbation in Horseradish Peroxidase. Picosecond Tryptophan Fluorescence Studies on Native and Cyanide-Modified Enzymes. <i>FEBS Journal</i> , 1995, 227, 823-828. | 0.2 | 45 |
| 15 | Reaction of hydrogen peroxide and peroxidase activity in carboxymethylated cytochrome c: spectroscopic and kinetic studies. <i>BBA - Proteins and Proteomics</i> , 2002, 1596, 63-75. | 2.1 | 39 |
| 16 | Direct correlation of the crystal structure of proteins with the maximum positive and negative charge states of gaseous protein ions produced by electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1409-1421. | 2.8 | 38 |
| 17 | Formation of doubly charged Co ²⁺ ions: a combined experimental and theoretical study. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1988, 21, 2815-2826. | 1.5 | 36 |
| 18 | Excited states of XH ₂ ⁺ (X=C, N, O, S) ions: a combined experimental and theoretical study. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1988, 21, 2571-2584. | 1.5 | 34 |

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|----|---|-----|-----------|
| 19 | Proton and carbon-13 NMR studies on the structure of micelles encapsulating hemes in aqueous sodium dodecyl sulfate solutions. <i>The Journal of Physical Chemistry</i> , 1990, 94, 5947-5953. | 2.9 | 34 |
| 20 | Interaction of sodium dodecyl sulfate with human native and cross-linked hemoglobins: a transient kinetic study. <i>Biophysical Chemistry</i> , 2002, 98, 267-273. | 2.8 | 34 |
| 21 | Evidence of Molecular Fragmentation inside the Charged Droplets Produced by Electrospray Process. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1707-17. | 2.8 | 32 |
| 22 | Protein encapsulation into mesoporous silica hosts. <i>Microporous and Mesoporous Materials</i> , 2008, 109, 535-541. | 4.4 | 30 |
| 23 | Modification of the heme active site to increase the peroxidase activity of thermophilic cytochrome P450: A rational approach. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1185-1194. | 3.5 | 30 |
| 24 | Proton NMR and optical spectra and magnetic properties of four-coordinated intermediate-spin, five-coordinated high-spin, and six-coordinated low-spin iron(II) hemes encapsulated in aqueous detergent micelles: model for hemoproteins. <i>Inorganic Chemistry</i> , 1989, 28, 3243-3248. | 4.0 | 28 |
| 25 | Stability and characterization of iron(III) and iron(II) heme peptides encapsulated in aqueous detergent micelles: proton NMR and UV-visible spectroscopic studies. <i>Inorganic Chemistry</i> , 1991, 30, 700-705. | 4.0 | 28 |
| 26 | Conformational Substates of Apoprotein of Horseradish Peroxidase in Aqueous Solution: A Fluorescence Dynamics Study. <i>The Journal of Physical Chemistry</i> , 1995, 99, 13283-13290. | 2.9 | 28 |
| 27 | Direct electrochemistry of dinuclear CuA fragment from cytochrome c oxidase of <i>Thermus thermophilus</i> at surfactant modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2010, 55, 4174-4179. | 5.2 | 28 |
| 28 | Binding of cyanide and thiocyanate to manganese reconstituted myoglobin and formation of peroxide compound: optical spectral, multinuclear NMR, and kinetic studies. <i>Inorganic Chemistry</i> , 1993, 32, 5362-5367. | 4.0 | 25 |
| 29 | Binding of camphor to <i>Pseudomonas putida</i> cytochrome P450cam: steady-state and picosecond time-resolved fluorescence studies. <i>FEBS Letters</i> , 2000, 477, 157-160. | 2.8 | 23 |
| 30 | Effect of Polar Solvents on the Optical Properties of Water-Dispersible Thiol-Capped Cobalt Nanoparticles. <i>Langmuir</i> , 2008, 24, 3439-3445. | 3.5 | 22 |
| 31 | Thermodynamic basis of the thermostability of CYP175A1 from <i>Thermus thermophilus</i> . <i>International Journal of Biological Macromolecules</i> , 2010, 46, 412-418. | 7.5 | 22 |
| 32 | Role of Threonine 101 on the Stability of the Heme Active Site of Cytochrome P450cam: Multiwavelength Circular Dichroism Studies. <i>Biochemistry</i> , 2006, 45, 12715-12722. | 2.5 | 20 |
| 33 | Roles of two surface residues near the access channel in the substrate recognition by cytochrome P450cam. <i>Biophysical Chemistry</i> , 2008, 135, 1-6. | 2.8 | 20 |
| 34 | Effects of zinc substitution on the electron superconductor $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. <i>Physical Review B</i> , 1990, 41, 4797-4800. | 3.2 | 18 |
| 35 | Tuning the substrate specificity by engineering the active site of cytochrome P450cam: A rational approach. <i>Dalton Transactions</i> , 2010, 39, 3115. | 3.3 | 18 |
| 36 | Conjugation of cytochrome c with hydrogen titanate nanotubes: novel conformational state with implications for apoptosis. <i>Nanotechnology</i> , 2011, 22, 415705. | 2.6 | 18 |

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| 37 | NMR studies on interaction of lauryl maltoside with cytochrome c oxidase: a model for surfactant interaction with the membrane protein. <i>Journal of Inorganic Biochemistry</i> , 2002, 91, 116-124. | 3.5 | 17 |
| 38 | Role of substrate on the conformational stability of the heme active site of cytochrome P450cam: effect of temperature and low concentrations of denaturants. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 477-488. | 2.6 | 17 |
| 39 | Non-covalent dimers of the lysine containing protonated peptide ions in gaseous state: electrospray ionization mass spectrometric study. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1212-1219. | 1.6 | 17 |
| 40 | Valence Bond Theory of Organic Charge-Transfer Salts. <i>Molecular Crystals and Liquid Crystals</i> , 1979, 52, 93-102. | 0.8 | 16 |
| 41 | Effect of redox potential of the heme on the peroxidase activity of cytochrome b562. <i>Biophysical Chemistry</i> , 2003, 105, 263-268. | 2.8 | 16 |
| 42 | Thermostability of Proteins: Role of Metal Binding and pH on the Stability of the Dinuclear CuA Site of <i>Thermus thermophilus</i> . <i>Biophysical Journal</i> , 2007, 93, 2845-2851. | 0.5 | 16 |
| 43 | Reversible inactivation of cytochrome P450 by alkaline earth metal ions: Auxiliary metal ion induced conformation change and formation of inactive P420 species in CYP101. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1312-1321. | 3.5 | 16 |
| 44 | Engineering of <i>Thermus thermophilus</i> Cytochrome c ₅₅₂ : Thermally Tolerant Artificial Peroxidase*. <i>ChemBioChem</i> , 2008, 9, 2954-2957. | 2.6 | 16 |
| 45 | Thermodynamic Effects of the Alteration of the Axial Ligand on the Unfolding of Thermostable Cytochrome c. <i>Biochemistry</i> , 2013, 52, 1373-1384. | 2.5 | 16 |
| 46 | On the quantal identification of low-lying electronic states of CO ₂ ⁺ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989, 22, L385-L389. | 1.5 | 15 |
| 47 | Steady-State and Picosecond-Time-Resolved Fluorescence Studies on the Recombinant Heme Domain of <i>Bacillus megaterium</i> Cytochrome P-450. <i>FEBS Journal</i> , 1997, 244, 361-370. | 0.2 | 15 |
| 48 | Sequence Specific Association of Tryptic Peptides with Multiwalled Carbon Nanotubes: Effect of Localization of Hydrophobic Residues. <i>Biomacromolecules</i> , 2012, 13, 1410-1419. | 5.4 | 15 |
| 49 | How are S ₂ ⁺ ions formed in electron collisions with linear Si ₃ Ci ₃ S ₃ ?. <i>Rapid Communications in Mass Spectrometry</i> , 1989, 3, 24-26. | 1.5 | 14 |
| 50 | Conformational change due to reduction of cytochrome-c oxidase in lauryl maltoside: picosecond time-resolved tryptophan fluorescence studies on the native and heat modified enzyme. <i>BBA - Proteins and Proteomics</i> , 1994, 1209, 227-237. | 2.1 | 14 |
| 51 | Direct electrochemical oxidation of horseradish peroxidase: cyclic voltammetric and spectroelectrochemical studies. <i>New Journal of Chemistry</i> , 1999, 23, 137-139. | 2.8 | 14 |
| 52 | Oxygenation of Monoenoic Fatty Acids by CYP175A1, an Orphan Cytochrome P450 from <i>Thermus thermophilus</i> HB27. <i>Biochemistry</i> , 2012, 51, 7880-7890. | 2.5 | 14 |
| 53 | Micelle-induced release of haem-NO from nitric oxide complex of myoglobin. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, . | 2.0 | 13 |
| 54 | Effect of Adriamycin on the boundary lipid structure of cytochrome c oxidase: pico-second time-resolved fluorescence depolarization studies. <i>Biophysical Chemistry</i> , 2000, 86, 15-28. | 2.8 | 13 |

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| 55 | pH-Induced Conformational Transition in the Soluble CuA Domain of <i>Paracoccus denitrificans</i> Cytochrome Oxidase. <i>Biochemistry</i> , 2001, 40, 6180-6189. | 2.5 | 13 |
| 56 | Effects of salts on the charge-state distribution and the structural basis of the most-intense charge-state of the gaseous protein ions produced by electrospray ionization. <i>International Journal of Mass Spectrometry</i> , 2010, 289, 84-91. | 1.5 | 13 |
| 57 | Time-resolved study of tryptophan fluorescence in vesicle reconstituted cytochrome oxidase. <i>FEBS Letters</i> , 1993, 336, 211-214. | 2.8 | 11 |
| 58 | Covalent linkage of CYP101 with the electrode enhances the electrocatalytic activity of the enzyme: Vectorial electron transport from the electrode. <i>Inorganica Chimica Acta</i> , 2010, 363, 2804-2811. | 2.4 | 11 |
| 59 | The CS ₂ dication. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1988, 86, 351-355. | 1.8 | 10 |
| 60 | Aggregation in five-coordinate high-spin natural hemins: determination of solution structure by proton NMR. <i>The Journal of Physical Chemistry</i> , 1990, 94, 561-566. | 2.9 | 10 |
| 61 | Redox-linked conformational changes in bovine heart cytochrome oxidase: Picosecond time-resolved fluorescence studies of cyanide complex. <i>Biopolymers</i> , 2000, 57, 316-322. | 2.4 | 10 |
| 62 | Steady-State and Time-Resolved Fluorescence Studies on Wild Type and Mutant Chromatium vinosum High Potential Iron Proteins: Holo- and Apo-Forms. <i>Biophysical Journal</i> , 2001, 81, 2320-2330. | 0.5 | 10 |
| 63 | Structure and Redox Properties of the Haem Centre in the C357M Mutant of Cytochrome P450cam. <i>ChemBioChem</i> , 2005, 6, 1204-1211. | 2.6 | 10 |
| 64 | Effect of alcohols on binding of camphor to cytochrome P450cam: Spectroscopic and stopped flow transient kinetic studies. <i>Archives of Biochemistry and Biophysics</i> , 2006, 455, 154-162. | 3.0 | 10 |
| 65 | Conformational Dynamics Coupled to Protonation Equilibrium at the Cu _A Site of <i>Thermus thermophilus</i> : Insights into the Origin of Thermostability. <i>Biochemistry</i> , 2008, 47, 1309-1318. | 2.5 | 10 |
| 66 | Biochemical and Molecular Dynamic Simulation Analysis of a Weak Coiled Coil Association between Kinesin-II Stalks. <i>PLoS ONE</i> , 2012, 7, e45981. | 2.5 | 10 |
| 67 | Notes. Electronic spectral study of the aqua ? hydroxo equilibrium of model iron(III) haems encapsulated in aqueous detergent micelles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1003. | 1.1 | 9 |
| 68 | Artificial metalloenzymes based on protein assembly. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214593. | 18.8 | 9 |
| 69 | Electronic structure of synthetic iron(III) porphyrins in pyridine and pyridine-water solutions: A proton magnetic resonance study. <i>Inorganica Chimica Acta</i> , 1988, 148, 17-20. | 2.4 | 8 |
| 70 | Succinylation of cytochrome c investigated by electrospray ionization mass spectrometry: Reactive lysine residues. <i>International Journal of Mass Spectrometry</i> , 2009, 281, 55-62. | 1.5 | 8 |
| 71 | Ultrafast dynamics of hemin aggregates. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 26862-26869. | 2.8 | 8 |
| 72 | Controlled Uptake of an Iridium Complex inside Engineered apo-Ferritin Nanocages: Study of Structure and Catalysis**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 8 |

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| 73 | Biomimetic chemistry of hemes inside aqueous micelles. , 1993, , 115-145. | | 7 |
| 74 | Role of the Surface-Exposed Leucine 155 in the Metal Ion Binding Loop of the CuA Domain of Cytochrome <i>c</i> Oxidase from <i>Thermus thermophilus</i> on the Function and Stability of the Protein. <i>Biochemistry</i> , 2012, 51, 2443-2452. | 2.5 | 7 |
| 75 | Unveiling the urease like intrinsic catalytic activities of two dinuclear nickel complexes towards the <i>in situ</i> syntheses of aminocyanopyridines. <i>Dalton Transactions</i> , 2021, 50, 4848-4858. | 3.3 | 7 |
| 76 | Notes. Proton nuclear magnetic resonance and optical spectra of six-co-ordinated high-spin (S= 2) bis(tetrahydrofuran)(3,7,12,17-tetramethyl-8,13-divinylporphyrin-2,18-dipropionato)iron(II) encapsulated in aqueous detergent micelles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2633. | 1.1 | 6 |
| 77 | Low-spin iron(III) porphyrins encapsulated in aqueous detergent micelles: proton- and nitrogen-15 nuclear magnetic resonance studies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 1057. | 1.1 | 6 |
| 78 | Octaethylporphyrinate haem complexes encapsulated inside aqueous detergent micelles: a spectroscopic study. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 2091. | 1.1 | 6 |
| 79 | Mechanism of Copper Incorporation in Subunit II of Cytochrome <i>c</i> Oxidase from <i>Thermus thermophilus</i> : Identification of Intermediate Species. <i>Biochemistry</i> , 2013, 52, 4620-4635. | 2.5 | 6 |
| 80 | Kinesin associated protein, DmKAP, binding harnesses the C-terminal ends of the Drosophila kinesin-2 stalk heterodimer. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 506-511. | 2.1 | 6 |
| 81 | Ion-ion mutual neutralization of N ₂ ⁺ with F ⁻ and other fluorine-containing negative ions. <i>Chemical Physics Letters</i> , 1995, 237, 448-455. | 2.6 | 5 |
| 82 | Structural Design of the Active Site for Covalent Attachment of the Heme to the Protein Matrix: Studies on a Thermostable Cytochrome P450. <i>Biochemistry</i> , 2011, 50, 1042-1052. | 2.5 | 5 |
| 83 | Role of substituents on the reactivity and product selectivity in reactions of naphthalene derivatives catalyzed by the orphan thermostable cytochrome P450, CYP175A1. <i>Bioorganic Chemistry</i> , 2015, 62, 94-105. | 4.1 | 5 |
| 84 | Mono-nuclear copper complexes mimicking the intermediates for the binuclear copper center of the subunit II of cytochrome oxidase: a peptide based approach. <i>Dalton Transactions</i> , 2016, 45, 17624-17632. | 3.3 | 5 |
| 85 | Substitution of iron with cobalt in the prosthetic group of bacterial cytochrome P450: Effects on the stability and structure of the protein. <i>Inorganica Chimica Acta</i> , 2019, 487, 398-404. | 2.4 | 5 |
| 86 | Direct Observation of Release of Cytochrome c from Lipid-Encapsulated Protein by Peroxide and Superoxide: A Possible Mechanism for Drug-Induced Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 311-314. | 2.1 | 4 |
| 87 | Selective Deletion of the Internal Lysine Residue from the Peptide Sequence by Collisional Activation. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1967-1980. | 2.8 | 4 |
| 88 | A molecular Fe-complex as a catalyst probe for in-gel visual detection of proteins via signal amplification. <i>Chemical Communications</i> , 2015, 51, 15257-15260. | 4.1 | 4 |
| 89 | Identification of a copper ion recognition peptide sequence in the subunit II of cytochrome c oxidase: a combined theoretical and experimental study. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 411-425. | 2.6 | 4 |
| 90 | Covalent conjugation of single-walled carbon nanotube with CYP101 mutant for direct electrocatalysis. <i>Analytical Biochemistry</i> , 2021, 626, 114204. | 2.4 | 4 |

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| 91 | Heme CD as a probe for monitoring local structural changes in hemeproteins: Alkaline transition in hemeproteins. <i>Journal of Chemical Sciences</i> , 1995, 107, 497-503. | 1.5 | 4 |
| 92 | An NMR and circular dichroism study of the interaction of thiocyanate with human and cross-linked hemoglobin: identification of Lys-1 \pm -99 as a possible dissociation linked binding site. <i>Biophysical Chemistry</i> , 2003, 106, 233-240. | 2.8 | 3 |
| 93 | pH-Induced Conformational Perturbation in Horseradish Peroxidase. <i>FEBS Journal</i> , 1995, 227, 823-828. | 0.2 | 3 |
| 94 | The structural dynamics of the kinesin-2 stalk heterodimer and its biological relevance. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 171-177. | 2.1 | 3 |
| 95 | Experimental predictions for the normal state of electron-doped high-temperature superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 161, 423-430. | 1.2 | 2 |
| 96 | Adenosine triphosphate synthesis using an electrochemically-driven proton pump. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 807. | 2.0 | 2 |
| 97 | Regioselective Oxygenation of Polyunsaturated Fatty Acids by the Thermostable P450 from <i>Thermus thermophilus</i> HB27. <i>Current Biotechnology</i> , 2015, 4, 345-356. | 0.4 | 2 |
| 98 | Unfolding pathway of cytochrome c oxidase induced by ionic surfactants: Circular dichroism and picosecond time-resolved fluorescence studies. <i>Journal of Chemical Sciences</i> , 1998, 110, 479-490. | 1.5 | 2 |
| 99 | Dielectric relaxation study of glycine and valine in water mixture using picosecond time domain reflectometry. <i>Indian Journal of Biochemistry and Biophysics</i> , 1997, 34, 385-90. | 0.0 | 2 |
| 100 | Proton nuclear magnetic resonance studies on haemin chloride in pyridine-water solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 2797-2802. | 1.1 | 1 |
| 101 | A simple formalism on dynamics of proteins on potential energy landscapes. <i>Protein Science</i> , 2004, 13, 487-493. | 7.6 | 1 |
| 102 | Inhibition of bacterial oxidases by formamide and analogs. <i>Biological Chemistry</i> , 2008, 389, 599-607. | 2.5 | 1 |
| 103 | The protein inhibitor of nNOS (PIN/DLC1/LC8) binding does not inhibit the NADPH-dependent heme reduction in nNOS, a key step in NO synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 189-193. | 2.1 | 1 |
| 104 | Transition metal complexes as promoters of direct electron transfer from gold electrodes to cytochrome c. <i>Journal of Chemical Sciences</i> , 2021, 133, 1. | 1.5 | 1 |
| 105 | Time-resolved fluorescence study of the single tryptophan in thiocyanate and azide derivatives of horseradish peroxidase: Implication for pH-induced conformational change in the heme cavity. <i>Journal of Chemical Sciences</i> , 1995, 107, 505-518. | 1.5 | 1 |
| 106 | Spectroscopic and electrochemical studies of the pH-Induced transition in the CuA centre from <i>Thermus thermophilus</i> . <i>Inorganica Chimica Acta</i> , 2022, 533, 120749. | 2.4 | 1 |
| 107 | Controlled Uptake of an Iridium Complex inside Engineered apo-Ferritin Nanocages: Study of Structure and Catalysis**. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 1 |
| 108 | INTERACTION OF SURFACTANTS WITH BIOMOLECULES AND MIMICS**To Professor Samaresh Mitra on the occasion of his 60th birthday.. , 2001, , 73-128. | | 0 |

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| 109 | Chapter 10. Oxidation of Unnatural Substrates by Engineered Cytochrome P450cam. , 0, , 330-365. | | 0 |
| 110 | Micelle-induced release of heme-NO from nitric oxide complex of myoglobin. Journal of Chemical Sciences, 1994, 106, 763-763. | 1.5 | 0 |
| 111 | Picosecond fluorescence decay of tryptophan in bovine cytochrome-c oxidase. Journal of Chemical Sciences, 1994, 106, 766-766. | 1.5 | 0 |
| 112 | Protein-surfactant interaction: Selective unfolding in hemeproteins. Journal of Chemical Sciences, 1996, 108, 313-313. | 1.5 | 0 |