

Original Papers and Review Papers

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Total number of original papers and review papers, 1120, H-Index, 90, Total number of citations, 40,000

- (1) Y. Ozaki, H. Sugeta, and T. Miyazawa: Molecular conformations and C-Cl stretching vibrations of 1-chloro-2-methylpropane and C-S stretching vibrations of 2-methyl-1-propanethiol and L-cysteine, *Chemistry Letters*, 713-716 (1975).
- (2) Y. Ozaki, T. Kitagawa, and Y. Kyogoku: Raman study of the acid-base transition of ferric myoglobin; direct evidence for the existence of two molecular species at alkaline pH, *FEBS Letters*, **62**, 369-372 (1976).
- (3) Y. Ozaki, T. Kitagawa, Y. Kyogoku, H. Shimada, T. Iizuka, and Y. Ishimura: An Anomaly in the Resonance Raman Spectra of Cytochrome P-450cam in the Ferrous High-spin State, *Journal of Biochemistry*, **80**, 1447-1451 (1976).
- (4) T. Kitagawa, Y. Ozaki, J. Teraoka, Y. Kyogoku, and T. Yamanaka: The pH Dependence of the Resonance Raman Spectra and Structural Alterations at Heme Moieties of Various C-Type Cytochromes, *Biochimica et Biophysica Acta*, **494**, 100-114 (1977).
- (5) T. Kitagawa, Y. Ozaki, Y. Kyogoku, and T. Horie: Resonance Raman Study of the pH-Dependent and Detergent-Induced Structural Alterations in the Heme Moiety of Rhodospirillum Rubrum Cytochrome c', *Biochimica et Biophysica Acta*, **495**, 1-11 (1977).
- (6) K. Kawano, Y. Ozaki, Y. Kyogoku, H. Ogoshi, H. Sugimoto, and Z. Yoshida: ¹⁵N Nuclear Magnetic Resonance Spectra of Octaethylporphyrin, *Journal of The Chemical Society Chemical Communications*, **1977**, 226-227 (1977).
- (7) T. Kitagawa, Y. Ozaki, and Y. Kyogoku: Resonance Raman studies on the ligand-iron interactions in hemoproteins and metallo-porphyrins, *Adv. Biophys*, **11**, 153-196 (1978).
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- (9) K. Tanaka, H. Akutsu, Y. Ozaki, Y. Kyogoku, and K. Tomita: Molecular Conformations of γ -Aminobutyric Acid and γ -Amino- β -hydroxybutyric Acid in Aqueous Solution, *The Bulletin of the Chemical Society of Japan*, **51**, 2654-2658 (1978).
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- Inorganic Chemistry*, **18**, 1772-1776 (1979).
- (11) Y. Ozaki, Y. Kyogoku, H. Ogoshi, H. Sugimoto, and Z. Yoshida: ^{15}N Nuclear Magnetic Resonance Studies of the Iron-Axial Ligand Bond in Low Spin Iron (II) Complexes of Octaethylporphyrin, *Journal of The Chemical Society Chemical Communications*, **1979**, 76-77 (1979).
 - (12) K. Kawano, Y. Ozaki, Y. Kyogoku, H. Ogoshi, H. Sugimoto, and Z. Yoshida: Nuclear Magnetic Resonance Spectra of Nitrogen-15 Enriched Octaethylporphyrin and its Derivatives, *Journal of the Chemical Society, Perkin Transactions II*, **1979**, 1319-1325 (1979).
 - (13) Y. Ozaki, R. W. King, and P. R. Carey: Methotrexate and Folate Binding to Dihydrofolate Reductase. Separate Characterization of the Pteridine and *p*-Aminobenzoyl Binding Sites by Resonance Raman Spectroscopy, *Biochemistry*, **20**, 3219-3225 (1981).
 - (14) A. L. Verma, Y. Ozaki, A. C. Storer, and P. R. Carey: Rotational Isomers of Ethyl Dithioacetate and Ethyl Thionoacetate; A Raman Study, *Journal of Raman Spectroscopy*, **11**, 390-392 (1981).
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 - (16) C. P. Huber, Y. Ozaki, D. H. Pliura, A. C. Storer, and P. R. Carey: Precise Structural Information for Transient Enzyme-Substrate Complexes by a Combined X-ray Crystallographic-Resonance Raman Spectroscopic Approach, *Biochemistry*, **21**, 3109-3115 (1982).
 - (17) J. J. C. Teixeira-Dias, V. M. Jardim-Barreto, Y. Ozaki, A. C. Storer, and P. R. Carey: The infrared, Raman, and resonance Raman spectra and normal coordinate analysis of methyl and ethyl dithioacetate, *Canadian Journal of Chemistry*, **60**, 174-189 (1982).
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