OTHER PUBLICATIONS

Yang, L.; Weiss, T. M.; Lehrer, R. I.; Huang, H. W., "Crystallization of antimicrobial pores in membranes: magainin and protegrin." Biochemical J. 2000,79, pp. 2002-2009.
Hicks, R. P.; Mones, E.; Kim, H.; Koser, B. W.; Nichols, D. A.; Bhattacharjee, A. K., "Comparison of the conformation and electrostatic surface properties of magainin peptides bound to SDS and DPC micelles," Biopolymers 2003, 68, 459-470.
Rozek, A.; Friedrich, C. L.; Hancock, R. E., "Structure of the bovine antimicrobial peptide indolicidin bound to dodecylphosphocholine and sodium dodecyl sulfate micelles." Biochemistry 2000, 39, pp. 15765-15774.
Whitehead, T. L.; Jones, L. M.; Hicks, R. P., "Effects of the incorporation of CHAPS into SDS micelles on neuropeptide-micelle binding: separation of the role of electrostatic interactions from hydrophobic interactions." Biopolymers 2001, 58, (7), pp. 593-605.
Whitehead, T. L.; Jones, L. M.; Hicks, R. P., "PFG-NMR investigations of the binding of cationic neuropeptides to anionic and zwitterionic micelles." J Biomol Struct Dyn 2004, 21, (4), pp. 567-576.
Kyle, D. J.; Blake, P. R.; Smithwick, D.; Green, L. M.; Martin, J. A.; Sinsko, J. A.; Summers, M. F., "NMR and computational evidence that high-affinity bradykinin receptor antagonists adopt C-terminal beta-turns." JMedChem 1993, 36, (10), pp. 1450-1460.
Hicks, R. P.; Bhonsle, J. B.; Venugopal, D.; Koser, B. W.; Magill, A. J., "De Novo Design of Selective Antibiotic Peptides by Incorporation of Un-natural Amino Acids."J. Med. Chem. 2007, 50, (13), pp. 3026-3036.
Giacometti, A.; Cirioni, 0.; Del Prete, M. S.; Paggi, A. M.; D'Errico, M. M.; Scalise, G., "Combination studies between polycationic peptides and clinically used antibiotics against Gram-positive and Gram-negative bacteria." Peptides 2000,21, pp. 1155-1160.
Grgurina, I.; Bensaci, M.; Pocsfalvi, G.; Mannina, L.; Cruciani, O.; Fiore, A.; Fogliano, V.; Sorensen, K. N.; Takemoto, J. Y., "Novel cyclic lipodepsipeptide from Pseudomonas syringae pv. lachrymans strain 508 and Syringopeptin antimicrobial activities." Antimicrobial Agents and Chemotherapy 2005, 49, (12), pp. 5037-5045.
Lockwood, N. A.; Haseman, J. R.; Tirrell, M. V.; Mayo, K. H., "Acylation of SC4 dodecapeptide increases bactericidal potency against Gram-positive bacteria, including drug-resistant strains." Biochem. J. 2004,378, pp. 93-103.
Giacometti, A.; Cirioni, O.; Del Prete, M. S.; Barchiesi, F.; Paggi, A. M.; Petrelli, E.; Scalise, G., "Comparative activities of polycationic peptides and clinically used antimicrobial agents against multidrug-resistant nosocomial isolates of Acinetobacter baumannii." J. Antimicrobial Chemotherapy 2000, 46, pp. 807-810.
Sklenar, M.; Piotto, M.; Leppik, R.; Saudek, V., "Gradient-tailored water suppression for 1H-15N HSQS experiments optimized to retain full sensitivity." J. Magn. Res. Series A 1993, 102, pp. 241-245.
Di Modugno, E.; Erbetti, I.; Ferrari, L.; Galassi, G.; Hammond, S. M.; Xerri, L., "In vitro activity of the tribactam GV 104326 against Gram-Positive, Gram-Negative and anaerobic bacteria." Antimicrobial Agents and Chemotherapy 1994, vol. 38, No. 10, pp. 2362-2368.
Misiek, M.; Pursiano, T. A.; Leitner, F.; Price, K. E., "Microbiological properties of a new cephalosporin, BL-S 339: 7-(phenylacetyimidoyl-aminoacetamido)-3-(2-methyl-1,3,4-thiadiazol-5-ylthlomethyl)ceph-3-em-4-carboxylic acid." Antimicrobial Agents and Chemotherapy, 1973, vol. 3, No. 1,pp. 40-48.
Edwards, J. R.. Turner, P. J.; Withnell, E. S.; Grindy, A. J.; Narin, K.., "In vitro antibacterial activity of SM-7338, a carbapenem antibiotic with stability to dehydropeptidase I." Antimicrobial Agents and Chemotherapy 1989,33, (2), pp. 215-222.
Montesinos, M. C; Gadangi, P.; Longaker, M.; Sung, J.; Levine, J.; Nilsen, D.; Reibman, J.; Li, M.; Jiang, C.-K.; Hirschhorn, R.; Recht, P. A.; Ostad, E.; Levin, R. I.; Cronstein, B. N., "Wound healing is accelerated by agonists of adenosine A2 (Galpha-s-linked) receptors." J. Exp. Med. 1997, vol. 186, No. 9, pp. 1615-1620.
Grant, G. A., Synthetic Peptides, A user's guide. 2nd ed.; Oxford University Press: New York, NY, 2002, Chap. 3, "Principles and Practice of Solid-Phase Peptide Synthesis", pp. 93-171.
Benoiton, N. L., Chemistry ofPeptide Synthesis. Taylor and Francis (CRC Press): Boca-Raton, FL, 2006, Chapters 5.5-5.14, pp. 131-142.
Schmidt, J. J.; Stafford, R. G.; Millard, C. B., "High-throughput assays for botulinum neurotoxin proteolytic activity: serotypes A, B, D, and F." Anal Biochem 2001,296, (1), pp. 130-137.
Ghose, A. K.; Crippen, G. M., "Atomic physicochemical parameters for three-dimensional structure-directed quantitative structure-activity relationships. 2. Modeling dispersive and hydrophobic interactions." Chem. Inf. Comput. Sci. 1987, 27, pp. 21-35.
Ghose, A. K.; Crippen, G. M., "Atomic physicochemical parameters for three-dimensional structure-directed quantitative structure-activity relationships. 1. PArtition coefficients as a measure of hydrophobicity." J. Comput. Chem. 1986, vol. 7, No. 4, pp. 565-577.
Hansch, C, "A quantitative approach to biochemical structure-activity relationships", Accounts of Chemical Research 1969, 2, pp. 232-239.
Cramer, R. D. I.; E., P. D.; Bunce, J. D., "Comparative Molecular Field Analysis (CoMFA). 1. Effect of Shape on Binding of Steroids to Carrier Proteins", J. Am. Chem. Soc. 1988,110, pp. 5959-5967.
Hopfinger, A. J.; Burke, B. J., Chapter 7, Concepts and Applications of Molecular Similarity. "Molecular shape analysis: a formation to quantitatively establish spatial molecular similarity." Wiley: New York, 1990; pp. 173-209.
Klebe, G., "Comparative Molecular Similarity Indices Analysis: CoMSIA", Perspectives in Drug Discovery and Design 1998, 12/13/14, pp. 87-104.
Jain, A. N.; Dietterich, T. G.; Lathrop, R. H.; Chapman, D.; Critchlow, R. E. J., "Compass: A Shape-Based Maching Learning Tool for Drug Design", J. Computer-Aided Mol. Design 1994, 8, pp. 635-652.
Doweyko, A. M., "The hypothetical active site lattice . . . ", Math. Chem. 1991, 7, pp. 273-285.
Wiener, H., "Structural Determination of Paraffin Bioling Points," J. Am. Chem. Soc. 1947, 69, pp. 17-20.
Bonchev, D., Information theoretic indices for characterization of chemical structures. 1983; Research Studies Press, John Wiley & Sons, Ltd., New York, pp. 66-67.
Hosoya, H. "Topological Index. A Newly Proposed Quantity Characterizing the Topological Nature . . . ", Bulletin of the Chemical Society of Japan, 1971, vol. 44, No. 9, pp. 2332-2339.
Kier, L. B.; Hall, L. H., Molecular connectivity in chemistry and drug research. Academic Press: NewYork. 1976; vol. 14, pp. 40-80.
Kier. L. B., "A Shape Index from Molecular Graphs", Quantitative Structure-Activity Relationships 1985, 4, pp. 109-116.
Kier. L. B., Hall, L H., Frazer, J.W., "An Index of Electrotopological State for Atoms in Molecules," J. Math. Chem. 1991, 7, pp. 229-241.
Balaban. A. T., "Highly Discriminating Distance-based Topological Index", Chem. Phys. Letts 1982, vol. 89, No. 5, pp. 399-404.
Bonchev. D., Mekenyan, 0., Trinajstic, N.J., "Isomer Discrimination by Topological Information Approach", J. Computational Chem. 1981, vol. 2, No. 2, pp. 127-148.
Marsili, M., Gasteiger. J., "Fast calculation of atomic charges from molecular topology and orbital electronegativies." Studies in Physical and Theoretical Chemistry 1981, 16, pp. 56-67.
Rohrbaugh, R.H., Jurs. P. C, "Descriptions of Molecular Shape Applied in Studies of Structure . . . ", Analytica Chimica Acta 1987, 199, pp. 99-109.
Hasan, M.N., "Prediction of gas and liquid chromatographic tetention indices of polyhalogenated byphenyls", Jurs. P. C. Anal. C 'hem. 1990, 62, pp. 2323-2329.
Kharkar. P. S.: Desai. B.: Gaveria. II.: Varu. B.: Loriva. R., "Three-dimensional quantitative structure-activity relationship of 1,4-dihydropyridines as antituber cular agents" J. Med. Chem. 2002, 45, pp. 4858-4867.
Drew. M. G. B.: Wilden, G. R. H.; Spillanc. W. J.: Walsh. R. M.; Ryder. C. A."Quantitative structure-activity relationsip studies of sulfamates RNHSO4Na: distinction between sweet, sweet-bitter, and bitter molecules", J. Argicultural and Food Chem. 1998, 46, pp. 3016-3026.
Hirashima, A.: Rafaeli, A.: Gileadi. C; Kuwano. E., "Three-dimensional quantitative structure-activity studies of octopaninergic agonists responsible for the inhibition of sex-pheromone production in Hercoverpa armigera", Bioorg. &Med. Chem. 1999, 7, pp. 2621-2628.