

Bioinformatics Institute Publications – 2007

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2.	<i>I Mihalek, I Res, O Lichtarge.</i> Background frequencies for residue variability estimates : BLOSUM revisited. BMC Bioinformatics 2007, 8:488
3.	<i>Vinod K Shah, Arvind J Desai, Jagdish B Vasvani, Mukesh M Desai, Bharat P Shah, Tilak K Lall, Manoj R Mshru, Kavita K Shalia, Vivek Tanavde, Satish S Desai, Bhavin J Jankaria.</i> Bone Marrow Cells for Myocardial Repair - A New Therapeutic Concept. Indian Heart Journal 2007, 59 (6): 482-490
4.	<i>Ruhe JE, Streit S, Hart S, Wong CH, Specht K, Knyazev P, Knyazeva T, Tay LS, Loo HL, Foo P, Wong W, Pok S, Lim SJ, Ong H, Luo M, Ho HK, Peng K, Lee TC, Bezler M, Mann C, Gaertner S, Hoefler H, Iacobelli S, Peter S, Tay A, Brenner S, Venkatesh B, Ullrich A.</i> Genetic alterations in the tyrosine kinase transcriptome of human cancer cell lines. Cancer Research 6:23, 11368-11376
5.	<i>Ildiko Szeverenyi, Andrew J. Cassidy, Cheuk Wang Chung, Bernett T.K. Lee, John E.A. Common, Stephen C. Ogg, Huija Chen, Shu Yin Sim, Walter L.P. Goh, Kee Woei Ng, John A. Simpson, Li Lian Chee, Goi Hui Eng, Bin Li, Declan P. Lunny, Danny Chuon, Aparna Venkatesh, Kian Hoe Khoo, W.H. Irwin McLean, Yun Ping Lim, E. Birgitte Lane.</i> The Human Intermediate Filament Database: Comprehensive Information on a Gene Family Involved in Many Human Diseases. Human Mutation
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8.	<i>Hui Jun Lee, Deepa Srinivasan, David Coomber, David P. Lane, Chandra S. Verma Hui Jun Lee, Deepa Srinivasan, David Coomber, David P. Lane, Chandra S. Verma.</i> Modulation of the p53-MDM2 Interaction by Phosphorylation of Thr18. Cell Cycle 6:21, 2604-2611
9.	<i>Lee-Yee Choong, Simin Lim, Marie Chiew-Shia Loh, Xiaohui Man, Yunhao Chen, Weiyi Toy, Mengfei Pan, Chien-Shing Chen, Anuradha Poonepalli, M. Prakash Hande, Puay-Hoon Tan, Manuel Salto-Tellez, Chow-Yin Wong, Nilesh Shah, Brian J. Druker, Yoon-Pin Lim.</i> Progressive loss of epidermal growth factor receptor in a subpopulation of breast cancers: implications in target-directed therapeutics. Molecular Cancer Therapeutics
10.	<i>Li Chen, Yee Leng Yap.</i> Automated Charge State Determination of Complex Isotope-Resolved Mass Spectra by Peak-Target Fourier Transform. Journal of the American Society for Mass Spectrometry. Vol 19, Issue 1, Jan 08, Pg 46-54, doi:10.1016/j.jasms.2007.10.015
11.	<i>Yvonne M-S Tay, Wai-Leong Tam, Yen-Sin Ang, Philip M Gaughwin, Henry He Yang, Weijia Wang, Rubing Liu, Joshy George, Huck-Hui Ng, Ranjan J Perera, Thomas Lufkin, Isidore Rigoutsos, Andrew M Thomson, Bing Lim.</i> MicroRNA-134 Modulates the Differentiation of Mouse Embryonic Stem Cells, Where It Causes Post-Transcriptional Attenuation of Nanog and LRH1. Stem Cells Vol. 26, pp 17-29
12.	<i>Yan Nei Law, Hwee Kuan Lee, Andy M. Yip.</i> A Multi-resolution Stochastic Level Set Method for Mumford-Shah Image Segmentation. Computational Applied Mathematics Report
13.	<i>Chuanzhao Li, Li Chen, Marc Garland.</i> Synchronicity of Mononuclear and Dinuclear Events in

	Homogeneous Catalysis . Journal of the American Chemical Society
14.	<i>Gloria Fuentes, Anthonio Ballesteros, Chandra Verma.</i> Enthalpic and Entropic Contributions in the Transesterification of Sucrose: Computational Study of Lipases and Subtilisin . Journal of Biomolecular Structure & Dynamics
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16.	<i>Yunhao Chen, Lee Yee Choong, Qingsong Lin, Robin Philips, Chee Hong Wong, Boon Keong Ang, Yee Ling Tan, Marie Chiew Shia Loh, Choy Leong Hew, Nilesh Shah, Brian J Druker, Poh Kuan Chong, Yoon Pin Lim.</i> Differential expression of novel tyrosine kinase substrates during breast cancer development . Molecular & Cellular Proteomics
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21.	<i>Yunhao Chen, Teck-Yew Low, Lee-Yee Choong, Yee-Ling Tan, Toy Weiyi, Qingsong Lin, Boon-Keong Ang, Chee-Hong Wong, Bin Li, Choy-Leong Hew, Newman Siu-Kwan Sze, Brian J. Druker and Yoon-Pin Lam.</i> Phosphoproteomics identified Endofin, DCBDL2 and KIAA0582 as novel tyrosine phosphorylation targets of EGF signaling and Iressa in human cancer cells . Proteomics
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