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	Authors:	D. Bubesh Kumar
	Paper Title:	Electrochemical Corrosion Properties of 316LSS and Titanium in Various Corrosion Media
1.	<p>Abstract: The work was carried on biomedical implants and the selection of correct methods for corrosion studies and study of the corrosion products, electrochemical methods are used to determine the metal and alloys corrosion rate and to characterize the corrosion damage. Microscopy and spectroscopy studies are used for characterization and determination of thickness and nature of the corrosion products.</p> <p>Keyword: Corrosion, Titanium & 316L SS</p> <p>References:</p> <ol style="list-style-type: none"> 1. Robert Wen-Wei Hsu, Chun-Chen Yang, Ching-An Huang, Yi-Sui Chen, "Investigation on the corrosion behaviour of Ti- 6Al-4V implant alloy by electrochemical techniques". Materials chemistry and physics 2004, 86 269-278. 2. W. Kajzer, A. Krauze, W. Walke, J. Marciniak. Corrosion resistance of Cr-Ni-Mo steel in simulated body fluids. Journal of achievements in materials and manufacturing Engineering. September-October 2006. Volume 18, issue 1-2. 3. Kkochnim Oh, SooHoon Ahn, Kwangsup Eom, Hyuksang Kwon. A study on the localized corrosion and repassivation Kinetics of Fe-20Cr-XNi (X=0-20wt%) stainless steels via electrochemical analysis. K. Oh at. Corrosion science XXX, 2015, pp.350-354. 4. Zuoqia LIU, Xuequn Cheng, shengjie LU and Xiaogang LI. Effect of chloride ions 316L stainless steel in cyclic cooling water. Acta Metall. sin. (Eng. Lett.), December 2010, Vol. 23 No. 6 pp.431-438. 5. Kkochnim Oh, SooHoon Ahn, Kwangsup Eom, Hyuksang Kwon. A study on the localized corrosion and repassivation Kinetics of Fe-20Cr-XNi (X=0-20wt%) stainless steels via electrochemical analysis. K. Oh at. Corrosion science XXX, 2015, p.11. 6. Seifedine Kadry, Corrosion Analysis of Stainless Steel, European Journal of Scientific Research, ISSN 1450-216X, 2008, Vol. 22 No. 4 pp.508-516. 7. Z. Ahmadian, IDanaee, M.A. Golzar. Effect of surface treatment on corrosion resistance of 304 stainless steel implants in tyrode solution, February 2013, volume 59, 20. 8. Hamid Reza Asgari Bidhendi, Majidpouranvari. Association of metallurgical engineers of Serbia AMES, metalurgija-Mjom, 2011, vol. 17 (1) p.13-22. 9. W. Walke, Z. Paszenda, A. Ziebowicz. Corrosion behaviour of Co-Cr-W-Ni alloy in diverse body fluids, Archive of materials Science and Engineering. 2007, vol. 28, 15.04. 10. Lei Yang, Erlin Zhang. Biocorrosion behavior of magnesium alloy in different simulated fluids for biomedical application. Materials science and Engineering C 2009, 29 1691-1696. 11. Meisam Salahshoor and Yuebin Gue. Biodegradable Orthopedic Magnesium-Calcium (MgCa) alloys, Processing, and Corrosion Performance. Materials 2012, 5, pp.135-155. 12. Geetha Manivasagam, Durgalakshmi Dhinasekaran and Asokamani Rajamanikam. "Biomedical Implants: Corrosion and its Prevention - A Review" Recent Patents on Corrosion Science. 2010, Volume 17, pp.40-54. 	1-4
2.	<p>Authors:</p> <p>K M Vara Prasad, Ande Prasad</p> <p>Paper Title:</p> <p>A Novel Methodology for Efficient Retrievals of Sketch Based Images using Local Binary Patterns and Generalized Gamma Mixture Models (GGMM)</p> <p>Abstract: The enormous work in Information technology sector met towards the development of methodologies for identifying or retrieving the images based on content. However in specific conditions narration is the best suitable way to express and hence basing the views of narration sketch based images are thus developed and utilized. These sketch based images are most useful in criminal investigations. The present article portrays a methodology for retrieving such sketch based images using the statistical modeling approaches.</p> <p>Keyword: statistical models, criminal applications, Sketch-based Images, experimental evaluation, content based retrievals.</p> <p>References:</p> <ol style="list-style-type: none"> 1. G. Ravi Kiran Sarvadevabhatla, Ishat Dwivedi, Abhijat Biswas, Sahil Manocha and R. Venkatesh Babu, " SketchParse : Towards Rich Descriptions for Poorly Drawn Sketches using Multi-Task Hierarchical Deep Networks", IEEE, 2017. 2. T. Bui, L. Ribeiro, M. Ponti and J. Collomosse, " compact descriptors for sketch-based image retrieval using a triplet loss convolutional neural network", CVIU, 2017. 3. [Chunlei Peng, Xinbo Gao, Nannan Wang, and Jie Li, " Superpixel-Based Face Sketch-Photo Synthesis", IEEE, 2017. 4. Kaiyue Pang, Yi-Zhe Song, Tao Xiang, and Timothy M. Hospedales, "Cross-domain Generative Learning for Fine-Grained Sketch-Based Image Retrieval", 2017. 5. Hua Zhang, Si Liu, Changqing Zhang, wenqi Ren, Rui Wang, and Xiaochun Cao, "SketchNet: Sketch Classification with Images", IEEE, 2016. 6. Andrea Manno-Kovacs, "CONTENT BASED IMAGE RETRIEVAL USING SALIENT ORIENTATION HISTOGRAMS", ICIP, 2016. 7. Xinghui Dong and Mike J. Chantler, "Perceptually Motivated Image Features Using Contours", IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 25, NO. 11, 2016. 8. Aishwarya Deore, Dr. B. L. Gunjal, "A Survey On Sketch Based Image Retrieval Technique", IJARIE, 2016. 9. Jifei Song, Qian Yu, Yi-Zhe Song, Tao Xiang and Timothy M. Hospedales, " Deep Spatial-Semantic Attention for Fine-Grained Sketch-Based Image Retrieval", 10. Yonggang Qi, Yi-Zhe Song, Honggang Zhang and Jun Liu, " SKETCH-BASED IMAGE RETRIEVAL VIA SIAMESE CONVOLUTIONAL NEURAL NETWORK", IEEE, 2016. 11. Lihua Tian, Liguang Han, and Junhua Yue, " Research on Image Segmentation based on Clustering Algorithm", IJSP, 2016. 13. Shatanu Deshpande, and Naman Goyal, "Sketch Based Image Retrieval", IEEE, 2016. 	5-9