Occupational Health Alert

Occupational Health Alert issue deals with articles published from 01st June 2019 to 30th June 2019 on Industrial Ergonomics and Brucellosis & Veterinarians

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Occupational Health Alert

Industrial Ergonomics

01st June 2019 to 30th June 2019

1.	A systems approach to extraordinarily major coal mine accidents in China from 1997 to 2011: an application of the HFACS approach. Zhang Y, Jing L, Bai Q, Liu T, Feng Y. Int J Occup Saf Ergon. 2019 Jun;25(2):181-193
2.	AMICAI: A Method Based on Risk Analysis to Integrate Responsible Research and Innovation into the Work of Research and Innovation Practitioners. Brandl C, Wille M, Nelles J, Rasche P, Schäfer K, Flemisch FO, Frenz M, Nitsch V, Mertens A. Sci Eng Ethics. 2019 Jun 13
3.	Analysis of natural finger-press motions for design of trackball buttons. Yang X, Tjolleng A, Lee W, Park S, Lee B, Jeong J, Kim J, Hong W, Jung K, You H, Park S. Ergonomics. 2019 Jun;62(6):767-777
4.	Expert evaluation of traffic signs: conventional vs. alternative designs. Ben-Bassat T, Shinar D, Almqvist R, Caird JK, Dewar RE, Lehtonen E, Salmon PM, Sinclair M, Summala H, Zakowska L, Liberman G. Ergonomics. 2019 Jun;62(6):734-747
5.	Metabolic energy cost of workers in agriculture, construction, manufacturing, tourism, and transportation industries. Poulianiti KP, Havenith G, Flouris AD. Ind Health. 2019 Jun 4;57(3):283-305
6.	Neuroergonomics Applications of Electroencephalography in Physical Activities: A Systematic Review. Rahman M, Karwowski W, Fafrowicz M, Hancock PA. Front Hum Neurosci. 2019 Jun 4;13:182
7.	Posture normalisation of 3D body scans. Danckaers F, Huysmans T, Hallemans A, De Bruyne G, Truijen S, Sijbers J. Ergonomics. 2019 Jun;62(6):834-848
8.	Pulling force prediction using neural networks. Jain R, Meena ML, Sain MK, Dangayach GS. Int J Occup Saf Ergon. 2019 Jun;25(2):194-199

9.	Source specific exposure and risk assessment for indoor aerosols. Koivisto AJ, Kling KI, Hänninen O, Jayjock M, Löndahl J, Wierzbicka A, Fonseca AS, Uhrbrand K, Boor BE, Jiménez AS, Hämeri K, Maso MD, Arnold SF, Jensen KA, Viana M, Morawska L, Hussein T. Sci Total Environ. 2019 Jun 10;668:13-24
10.	Training visual attention in a naturalistic visual environment. Huang YY, Menozzi M, Beldi G, Brand Y. Ergonomics. 2019 Jun;62(6):748-758
11.	Using a smart textile system for classifying occupational manual material handling tasks: evidence from lab-based simulations. Mokhlespour Esfahani MI, Nussbaum MA, Kong ZJ. Ergonomics. 2019 Jun;62(6):823-833
12.	Visual differentiation and recognition memory of look-alike drug names: effects of disfluent format, text enhancement, and exposure time. Liu K, Or CKL, Li SYW. Ergonomics. 2019 Jun 7:1-32

Brucellosis & Veterinarians

1.	[Occupational characteristics and clinical manifestations of 245 cases of occupational brucellosis]. Chinese. Liang C, Wei W, Liang XW, Wang LJ, Peng L, De EJ. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi. 2018 Oct 20;36(10):755-758
2.	A community-based knowledge, attitude, and practice survey on rabies among cattle owners in selected areas of Bhutan Rinchen, Sangay; Tenzin, Tenzin; Hall, David; van der Meer, Frank; Sharma, Basant; et al. PLoS Neglected Tropical Diseases; San Francisco Vol. 13, Iss. 4, (Apr 2019): e0007305.
3.	An exploratory study of factors associated with human **brucellosis** in mainland China based on time-series-cross-section data from 2005 to 2016 Lin, Yun; Xu, Minghan; Zhang, Xingyu; Zhang, Tao. PLoS One; San Francisco Vol. 14, Iss. 6, (Jun 2019
4.	Antibodies produced by dogs successfully challenged with live Leptospira spp. did not cross-react to Brucella antigen in a commercial rapid slide agglutination test that detects antibodies to Brucella canis. Krecic MR. J Vet Diagn Invest. 2019 Jan;31(1):83-85
5.	Brucella-associated cervical bursitis in cattle Auricelio Alves de Macedo; Nayanna Ribeiro Galvão; Joicy Cortez Sá; Ana Patrícia de Carvalho da Silva; Juliana Pinto da Silva Mol; et al. Tropical Animal Health and Production; Dordrecht Vol. 51, Iss. 3, (Mar 2019): 697-702
6.	Brucellosis awareness and knowledge in communities worldwide: A systematic review and meta-analysis of 79 observational studies. Zhang N, Zhou H, Huang DS, Guan P. PLoS Negl Trop Dis. 2019 May 2;13(5):e0007366.
7.	Brucellosis knowledge, attitudes and practices of a South African communal cattle keeper group Cloete, Alicia; Gerstenberg, Cornelia; Mayet, Natalie; Tempia, Stefano.The Onderstepoort Journal of Veterinary Research; Onderstepoort Vol. 86, Iss. 1, (2019
8.	Community, system and policy level drivers of bovine tuberculosis in smallholder periurban dairy farms in India: a qualitative enquiry Abhimanyu Singh Chauhan; Mathew, Sunil George; Lindahl, Johanna; Grace, Delia; Kakkar, Manish. BMC Public Health; London Vol. 19, (2019).
9.	Current status of veterinary public health activities in Bangladesh and its future plans Khatun, M Minara; Islam, M Ariful; Rahman, M Mufizur .**BMC Veterinary Research; London** Vol. 15, (2019)
10.	Current status of veterinary public health activities in Bangladesh and its future plans. Khatun MM, Islam MA, Rahman MM. BMC Vet Res. 2019 May 22;15(1):164

11.	Distribution of Brucella field strains isolated from livestock, wildlife populations, and humans in Italy from 2007 to 2015 De Massis, Fabrizio; Zilli, Katiuscia; Guido Di Donato; × Roberta Nuvoloni; Pelini, Sandro; et al. PLoS One; San Francisco Vol. 14, Iss. 3, (Mar 2019): e0213689.
12.	Epidemiological characteristics, clinical manifestations and laboratory findings in 850 patients with **brucellosis** in Heilongjiang Province, China Jiang, Wenhui; Chen, Jiwang; Li, Qian; Jiang, Lisheng; Huang, Yanxin; et al. BMC Infectious Diseases; London Vol. 19, (2019).
13.	ethinking "One Health" through Brucellosis: ethics, boundaries and politics. Hermesh B, Rosenthal A, Davidovitch N. Monash Bioeth Rev. 2018 Jun 5
14.	Investigation and characterization of Brucella canis infections in pet-quality dogs and associated human exposures during a 2007-2016 outbreak in Michigan. Johnson CA, Carter TD, Dunn JR, Baer SR, Schalow MM, Bellay YM, Guerra MA, Frank NA. J Am Vet Med Assoc. 2018 Aug 1;253(3):322-336
15.	Milk handling practices and consumption behavior among Borana pastoralists in southern Ethiopia Kebede Amenurbara Wielandrbara Szonyi; Grace, Delia. Journal of Health, Population and Nutrition; London Vol. 38, (2019)
16.	Neglected zoonotic diseases in Nigeria: role of the public health veterinarian. Elelu N, Aiyedun JO, Mohammed IG, Oludairo OO, Odetokun IA, Mohammed KM, Bale JO, Nuru S. Pan Afr Med J. 2019 Jan 18;32:36
17.	Notes from the Field: Adverse Event Associated with Unintentional Exposure to the Brucella abortus RB51 Vaccine - Oregon, December 2017. Hatcher SM, Shih D, Holderman J, Cossaboom C, Leman R, DeBess E. MMWR Morb Mortal Wkly Rep. 2018 Jul 6;67(26):74
18.	Outbreak of human brucellosis in Southern Brazil and historical review of data from 2009 to 2018. Lemos TS, Cequinel JC, Costa TP, Navarro AB, Sprada A, Shibata FK, Gondolfo R, Tuon FF. PLoS Negl Trop Dis. 2018 Sep 18;12(9):e0006770
19.	Risk factors for new bovine brucellosis infections in Colombian herds Cárdenas, Liliana; Peña, Mario; Melo, Oscar; Casal, Jordi.BMC Veterinary Research; London Vol. 15, (2019).
20.	Risk factors for occupational Brucella infection in veterinary personnel in India. Proch V, Singh BB, Schemann K, Gill JPS, Ward MP, Dhand NK. Transbound Emerg Dis. 2018 Jun;65(3):791-798

21.	Risk factors of **brucellosis** (re-)incidence in sheep and goat flocks in an endemic area of Portugal Castelo, C; Simões, J. Tropical Animal Health and Production; Dordrecht Vol. 51, Iss. 2, (Feb 2019): 487-490.
22.	Risk of adverse pregnancy outcomes and seroprevalence for **brucellosis** in pregnant women exposed to goats or raw goat products in southern Thailand: a prospective cohort study Kan Kledmanee; Liabsuetrakul, Tippawan; Sretrirutchai, Somporn. BMC Pregnancy and Childbirth; London Vol. 19, (2019)
23.	Ser oprevalence and Associated Risk Factors of Brucellosis among Indigenous Cattle in the Adamawa and North Regions of Cameroon. Awah-Ndukum J, Mouiche MMM, Bayang HN, Ngwa VN, Assana E, Feussom KJM, Manchang TK, Zoli PA. Vet Med Int. 2018 Jan 8;2018:3468596
24.	Sero prevalence of Brucellosis in Butchers, Veterinarians and Slaughterhouse Workers in Hamadan, Western Iran. Mamani M, Majzoobi MM, Keramat F, Varmaghani N, Moghimbeigi A. J Res Health Sci. 2018 Feb 10;18(1):e00406.
25.	Seroprevalence of Human **Brucellosis** in Wadi Al Dawaser region of Saudi Arabia Rahamathulla, Mohamudha Parveen. Pakistan Journal of Medical Sciences Quarterly; Karachi Vol. 35, Iss. 1, (Feb 28, 2019): 129-135.
26.	Small-scale and backyard livestock owners needs assessment in the western United States Pires, Alda F A; × Amos Peterson; Baron, Jerome N; Adams, Ragan; Martínez-López, Beatriz; et al .PLoS One; San Francisco Vol. 14, Iss. 2, (Feb 2019): e0212372.
27.	Veterinary infectious diseases control in China Zhang, Xiaodong. The Lancet Infectious Diseases; London Vol. 19, Iss. 4, (Apr 2019): 354-356.
28.	Zoonosis and veterinary waste disposal in rural practice. Huertas PS, León EA, Tarabla HD. Rev Argent Microbiol. 2018 Dec 14