

### **Disentangling the factors driving electronic word-of-mouth use through a configurational approach**

Wang, P., Li, H. & Liu, Y., 23 Feb 2020, In : INTERNET RESEARCH. 30, 3, p. 925-943 19 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Artificial backbone neuronal network for nano scale sensors**

Walsh, F., Boyle, N. T., Mardinoglu, A., Chiesa, A. D., Botvich, D., Prina-Mello, A. & Balasubramaniam, S., 2011, 2011 *IEEE Conference on Computer Communications Workshops, INFOCOM WKSHPS 2011*. p. 449-454 6 p. 5928855

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Fame and fortune, or just fun? A study on why people create content on video platforms**

Törhönen, M., Sjöblom, M., Hassan, L. & Hamari, J., 31 Jul 2019, In : INTERNET RESEARCH.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Guerrilla Memory: Street Art and Play Engraving the Memory of Martyrs in Urban Spaces**

Thibault, M. & Opromolla, A., 2018, In : Lexia. p. 457-482 25 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Low-complexity sequential information and energy reception**

Tegos, S. A., Diamantoulakis, P. D., Pappi, K., Sofotasios, P. C., Muhaidat, S. & Karagiannidis, G. K., Aug 2019, *ISWCS 2019 - 16th International Symposium on Wireless Communication Systems*. VDE Verlag GmbH, p. 635-639 5 p.

(Proceedings of the International Symposium on Wireless Communication Systems; vol. 2019-August).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Young mobile users: Radical and individual - Not**

Suominen, A., Hyrynsalmi, S. & Knuutila, T., May 2014, In : Telematics and Informatics. 31, 2, p. 266-281 16 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Digital athletics in analogue stadiums: Comparing gratifications for engagement between live attendance and online esports spectating**

Sjöblom, M., Macey, J. & Hamari, J., 2019, In : INTERNET RESEARCH.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Cybersecurity Attacks and Defences for Unmanned Smart Ships**

Silverajan, B., Ocak, M. & Nagel, B., 1 Jul 2018, *Proceedings - IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings/GreenCom/CPSCoM/SmartData/Blockchain/CIT 2018*. IEEE, p. 15-20 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Planar monopole antennas on substrates fabricated through an additive manufacturing process**

Saintsing, C. D., Yu, K., Qi, H. J. & Tentzeris, M., 19 Jun 2015, In : IEEE Radio and Wireless Symposium, RWS. 2015-June, June, p. 159-161 3 p., 7129744.

Research output: Contribution to journal › Article › Scientific › peer-review

### **A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet**

Ruohonen, J., Scepanovic, S., Hyrynsalmi, S., Mishkovski, I., Aura, T. & Leppänen, V., 2 Mar 2017, *Proceedings - 2016 European Intelligence and Security Informatics Conference, EISIC 2016 : 7th European Intelligence and Security Informatics Conference, Uppsala; Sweden; 17 - 19 August 2016*. Brynielsson, J. & Johansson, F. (eds.). IEEE, p. 144-147 4 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Designing interactive systems for work engagement**

Roto, V., Clemmensen, T., Väättäjä, H. & Law, E. L. C., 2018, In : Human Technology. 14, 2, p. 135-139 5 p.

Research output: Contribution to journal › Editorial › Scientific

### **Special Issue on Designing Interactive Systems for Work Engagement**

Roto, V. (ed.), Clemmensen, T. (ed.), Väättäjä, H. (ed.) & Law, E. L. C. (ed.), 2018, In : Human Technology. 14, 2, p. 135-257 5 p.

Research output: Contribution to journal › Special issue › Scientific › peer-review

### **Review of technologies for low-cost integrated sensors**

Rida, A., Lakafosis, V., Vyas, R., Tentzeris, M. M. & Nikolaou, S., 2011, *2011 IEEE International Conference on RFID-Technologies and Applications, RFID-TA 2011*. p. 513-520 8 p. 6068593

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech**

Räsänen, O., Seshadri, S., Karadayi, J., Riebling, E., Bunce, J., Cristia, A., Metze, F., Casillas, M., Rosemberg, C., Bergelson, E. & Soderstrom, M., 1 Oct 2019, In : Speech Communication. 113, p. 63-80 18 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Digital Games Research: A Survey Study on an Emerging Field and Its Prevalent Debates**

Quandt, T., Van Looy, J., Vogelgesang, J., Elson, M., Ivory, J. D., Consalvo, M. & Mäyrä, F., 1 Dec 2015, In : JOURNAL OF COMMUNICATION. 65, 6, p. 975-996 22 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **The effect of small-scale mobility on terahertz band communications**

Petrov, V., Moltchanov, D., Koucheryavy, Y. & Jornet, J. M., 5 Sep 2018, *Proceedings of the 5th ACM International Conference on Nanoscale Computing and Communication, NANOCOM 2018*. ACM, 2 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Distant speech separation using predicted time-frequency masks from spatial features**

Pertilä, P. & Nikunen, J., 2015, In : Speech Communication. 68, p. 97-106 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Transparency of intentions decreases privacy concerns in ubiquitous surveillance**

Oulasvirta, A., Suomalainen, T., Hamari, J., Lampinen, A. & Karvonen, K., 2014, In : CYBERPSYCHOLOGY BEHAVIOR AND SOCIAL NETWORKING. 17, 10

Research output: Contribution to journal › Article › Scientific › peer-review

### **Optimal subgroup configuration for multicast services over 5G-satellite systems**

Orsino, A., Araniti, G., Scopelliti, P., Gudkova, I. A., Samouylov, K. E. & Iera, A., 19 Jul 2017, *2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017*. IEEE

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Advanced packet scheduling for efficient video support with limited channel feedback on MIMO LTE downlink**

Nonchev, S., Valkama, M. & Hamila, R., 2011, *2011 IEEE GLOBECOM Workshops, GC Wkshps 2011*. p. 766-771 6 p. 6162557

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Digital storytelling promoting twenty-first century skills and student engagement**

Niemi, H. & Multisilta, J., 2016, In : Technology, Pedagogy and Education. 25, 4, p. 451-468

Research output: Contribution to journal › Article › Scientific › peer-review

### **Cultural influence on online community use: A cross-cultural study on online exercise diary users of three nationalities**

Malinen, S. & Nurkka, P., 2015, In : International Journal of Web Based Communities. 11, 2, p. 153-169 17 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Value Emergence in the Usage of Mobile News Alerts**

Mäkelä, L., Boedeker, M. & Helander, N., 2019, In : Digital Journalism.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Social capital characteristics in RD project networks**

Majuri, M. & Lanz, M., 4 Oct 2018, *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, 8481775

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **eSports, skins and loot boxes: Participants, practices and problematic behaviour associated with emergent forms of gambling**

Macey, J. & Hamari, J., Jan 2019, In : *New Media and Society*. 21, 1, p. 20-41

Research output: Contribution to journal › Article › Scientific › peer-review

### **What predicts esports betting? A study on consumption of video games, esports, gambling and demographic factors**

Macey, J., Abarbanel, B. & Hamari, J., 2020, In : *New Media and Society*.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Linearization of BJTs with logarithmic predistortion**

Lunden, O-P. & Paldanius, T., 14 May 2019, *2019 IEEE Radio and Wireless Symposium, RWS 2019*. IEEE, (IEEE Radio and Wireless Symposium, RWS).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Error analysis of NOMA-based user cooperation with SWIPT**

Li, S., Bariah, L., Muhaidat, S., Sofotasios, P., Liang, J. & Wang, A., 1 May 2019, *Proceedings - 15th Annual International Conference on Distributed Computing in Sensor Systems, DCOSS 2019*. IEEE, p. 507-513 7 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Data, 'dusha', and the Internet of Skills music: would a connected Art Glove help to preserve heritage better?**

Koucheryavy, Y., Kirichek, R., Yastrebova, A. & Shilina, M., 2017, In : *Russian Journal of Communication*. 9, 3, p. 263-267 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Quo vadis, humanity? Ethics on the last mile toward cybernetic organism**

Koucheryavy, Y., Kirichek, R., Glushakov, R. & Pirmagomedov, R., 2 Sep 2017, In : *Russian Journal of Communication*. 9, 3, p. 287-293 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Secure Firmware Updates for IoT: A Survey**

Kolehmainen, A., 1 Jul 2018, *Proceedings - IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings/GreenCom/CPSCoM/SmartData/Blockchain/CIT 2018*. IEEE, p. 112-117 6 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **2.4 GHz inkjet-printed RF energy harvester on bulk cardboard substrate**

Khonsari, Z., Björninen, T., Tentzeris, M. M., Sydänheimo, L. & Ukkonen, L., Jan 2015, *2015 IEEE Radio and Wireless Symposium (RWS), 25-28 Jan. 2015, San Diego, CA*. IEEE, p. 153-155 3 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Virtualizing power cords by wireless power transmission and energy harvesting**

Kawahara, Y., Wei, W., Narusue, Y., Shigeta, R., Asami, T. & Tentzeris, M., 2013, *RSW 2013 - 2013 IEEE Radio and Wireless Symposium - RWS 2013*. p. 37-39 3 p. 6486633

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **At least nine ways to play: Approaching gamer mentalities**

Kallio, K. P., Mäyrä, F. & Kaipainen, K., Jul 2011, In : *GAMES AND CULTURE: A JOURNAL OF INTERACTIVE MEDIA*. 6, 4, p. 327-353 27 p.

Research output: Contribution to journal › Review Article › Scientific › peer-review

### **Critical Playable Cities**

Hassan, L. & Thibault, M., 2019, *Making Smart Cities More Playable*. Nijholt, A. (ed.). Springer Nature, p. 71-85 14 p. (Gaming Media and Social Effects).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **What is eSports and why do people watch it?**

Hamari, J. & Sjöblom, M., 2017, In : *INTERNET RESEARCH*. 27, 2, p. 211-232 22 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Progress and applications of VECSELS: The most versatile laser platform**

Guina, M., 21 Oct 2015, *2015 1st URSI Atlantic Radio Science Conference, URSI AT-RASC 2015*. Institute of Electrical and Electronics Engineers Inc., 7303031

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Mobility aware eMBMS management in urban 5G-oriented systems**

Desogus, C., Fadda, M., Murroni, M., Araniti, G. & Orsino, A., 19 Jul 2017, *2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017*. IEEE

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Multipacket reception MAC schemes for the RFID EPC Gen2 protocol**

De Donno, D., Tarricone, L., Lakafosis, V. & Tentzeris, M. M., 2012, *2012 International Symposium on Wireless Communication Systems, ISWCS 2012 - Proceedings*. p. 311-315 5 p. 6328380

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Physical layer security for dual-hop SWIPT-enabled CR networks**

Bouabdellah, M., El Bouanani, F., Sofotasios, P. C., Da Costa, D. B., Mezher, K., Benazza, H., Muhaidat, S. & Karagiannidis, G. K., Aug 2019, *ISWCS 2019 - 16th International Symposium on Wireless Communication Systems*. VDE Verlag GmbH, p. 629-634 6 p. (Proceedings of the International Symposium on Wireless Communication Systems; vol. 2019-August).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **OFDM radar with LTE waveform: Processing and performance**

Barneto, C. B., Anttila, L., Fleischer, M. & Valkama, M., 14 May 2019, *2019 IEEE Radio and Wireless Symposium, RWS 2019*. IEEE COMPUTER SOCIETY PRESS, 8714410. (IEEE Radio and Wireless Symposium, RWS).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Novel D2D-based relaying method for multicast services over 3GPP LTE-A systems**

Araniti, G., Orsino, A., Militano, L., Putrino, G., Andreev, S., Koucheryavy, Y. & Iera, A., 19 Jul 2017, *2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017*. IEEE

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Human-robot interactive learning architecture using ontologies and symbol manipulation**

Angleraud, A., Houbre, Q., Kyrki, V. & Pieters, R., 6 Nov 2018, *RO-MAN 2018 - 27th IEEE International Symposium on Robot and Human Interactive Communication: August 27-31, 2018, Nanjing, China..* IEEE, p. 384-389 6 p. (IEEE RO-MAN).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

**Chip-to-package wireless power transfer and its application to mm-Wave antennas and monolithic radiometric receivers**  
Aluigi, L., Thai, T. T., Tentzeris, M. M., Roselli, L. & Alimenti, F., 2013, *RSW 2013 - 2013 IEEE Radio and Wireless Symposium - RWW 2013*. p. 202-204 3 p. 6486688

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Utilising EEG signals for modulating neural molecular communications**

Adonias, G. L., Barros, M. T., Doyle, L. & Balasubramaniam, S., 5 Sep 2018, *Proceedings of the 5th ACM International Conference on Nanoscale Computing and Communication, NANOCOM 2018*. Association for Computing Machinery, Inc, 2 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

**PAPR reduction and digital predistortion for non-contiguous waveforms with well-localized spectrum**

Abdelaziz, M., Anttila, L., Renfors, M. & Valkama, M., 19 Oct 2016, *ISWCS 2016 - 13th International Symposium on Wireless Communication Systems, Proceedings*. IEEE, p. 581-585 5 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review