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Child sexual abuse material networks on the darkweb: a multi-method approach

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REFERENCES

- Aaltonen, M. (2021). *Using the findings of research on CSAM users to strengthen global child protection efforts. What have we learnt and where do we go from here?* [Conference presentation]. ReDirection International Expert Webinar.
- Afroz, S., Garg, V., McCoy, D., & Greenstadt, R. (2013). Honor among thieves: A common's analysis of cybercrime economies. *APWG eCrime Researchers Summit*, 1-11. <https://doi.org/10.1109/eCRS.2013.6805778>
- Alharbi, A., Faizan, M., Alosaimi, W., Alyami, H., Agrawal, A., Kumar, R., & Ahmad Khan, R. (2021). Exploring the topological properties of the tor dark web. *IEEE Access*, 9, 21746–21758. <https://doi.org/10.1109/ACCESS.2021.3055532>
- Babchishin, K.M., Hanson, R.K. & VanZuylen, H. (2015). Online child pornography offenders are different: A meta-analysis of the characteristics of online and offline sex offenders against children. *Archives of Sexual Behavior*, 44, 45–66. <https://doi.org/10.1007/s10508-014-0270-x>
- Baechler, S. (2019). Do we need to know each other? Bridging the gap between the university and the professional field. *A Journal of Policy and Practice*, 13(1), 102–114. <https://doi.org/10.1093/police/pax091>
- Bakken, S.A., Moeller, K., & Sandberg, S. (2017). Coordination problems in crypto-markets: Changes in cooperation, competition and valuation. *European Journal of Criminology*, 15(4), 1-19. <https://doi.org/10.1177/1477370817749177>
- Balfe, M., Gallagher, B., Masson, H., Balfe, S., Brugha, R., & Hackett, S. (2015). Internet child sex offenders' concerns about online security and their use of identity protection technologies: A review. *Child Abuse Review*, 24(6), 427–439. <https://doi.org/10.1002/car.2308>
- Barabási, A.L. (2016). *Network Science*. Cambridge University Press.
- Bartlett, J. (2014). *The Dark Net: Inside the digital underworld*. Maven Publishing.
- Beauregard, E., & Leclerc, B. (2007). An application of the rational choice approach to the offending process of sex offenders: A closer look at the decision-making. *Sexual Abuse*, 19(2), 115–133. <https://doi.org/10.1177/107906320701900204>
- Beauregard, E., Proulx, J., Rossmo, K., Leclerc, B., & Allaire, J. (2007). Script analysis of the hunting process of serial sex offenders. *Criminal Justice and Behavior*, 34(8), 1069–1084. <https://doi.org/10.1177/0093854807300851>
- Beckert, J., & Wehinger, F. (2013). In the shadow: Illegal markets and economic sociology. *Socio-Economic Review*, 11(1), 5-30. <https://doi.org/10.1093/ser/mws020>

- Beech, A.R., Elliott, I.A., Birgden, A., & Findlater, D. (2008). The internet and child sexual offending: A criminological review. *Aggression and Violent Behavior, 13*, 216–228. <https://doi.org/10.1016/j.avb.2008.03.007>
- Best, J., & Luckenbill, D.F. (1980). The social organization of deviants. *Social Problems, 28*(1), 14–31. <https://doi.org/10.2307/800378>
- Bleakley, P. (2018). Watching the watchers: Taskforce Argos and the evidentiary issues involved with infiltrating Dark Web child exploitation networks. *The Police Journal: Theory, Practice, Principles, 92*(3), 221–236. <https://doi.org/10.1177/0032258X18801409>
- Blokland, A. (2018). Taking a criminal career approach to sexual offending. In P. Lussier & E. Beauregard (Eds.), *Sexual offending: A criminological perspective* (1st ed., pp. 141–155). Routledge.
- Blokland, A., & Lussier, P. (2015). *Sex offenders: A criminal career approach*. Wiley-Blackwell.
- Blumstein, A., Cohen, J., & Farrington, D.P. (1988). Longitudinal and criminal career research: Further clarifications. *Criminology, 26*(1), 57–74. <http://www.ncjrs.gov/App/publications/abstract.aspx?ID=110130>
- Boerman, F., Grapendaal, M., Nieuwenhuis, F., & Stoffers, E. (2017). *Nationaal Dreigingsbeeld 2017: georganiseerde criminaliteit*. Dienst Landelijke Informatieorganisatie (Politie).
- Bonachich, P. (1987). Power and centrality: A family of measures. *American Journal of Sociology, 92*(5), 1170–1182.
- Borgatti, S.P. (2006). Identifying sets of key players in a social network. *Computational & Mathematical Organization Theory, 12*(1), 21–34. <https://doi.org/10.1007/s10588-006-7084-x>
- Borrion, H. (2013). Quality assurance in crime scripting. *Crime Science, 2*(6). <https://doi.org/10.1186/2193-7680-2-6>
- Bozkurt, A., Koutropoulos, A., Singh, L., & Honeychurch, S. (2020). On lurking: Multiple perspectives on lurking within an educational community. *The Internet and Higher Education, 44*. <https://doi.org/10.1016/j.iheduc.2019.100709>
- Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology, 3*(2), 77–101. <http://doi.org/10.1191/1478088706qp0630a>
- Brayley, H., Cockbain, E., & Laycock, G. (2011). The value of crime scripting: Deconstructing internal child sex trafficking. *A Journal of Policy and Practice, 5*, 132–143. <https://doi.org/10.1093/police/par024>
- Brennan, M., & Hammond, S. (2017). A methodology for profiling paraphilic interest in child sexual exploitation material users on peer-to-peer networks. *Journal of Sexual Aggression, 23*(1), 90–103. <https://doi.org/10.1080/13552600.2016.1241308>

- Brin, S., & Page, L. (1998). The anatomy of a large-scale hypertextual web search engine. *Computer Networks and ISDN Systems*, 30(1-7), 107-117. [https://doi.org/10.1016/S0169-7552\(98\)00110-X](https://doi.org/10.1016/S0169-7552(98)00110-X)
- Broadhurst, R., Grabosky, P., Alazab, M., Bouhours, B., & Chon, S. (2014). Organizations and cyber crime: An analysis of the nature of groups engaged in cyber crime. *International Journal of Cyber Criminology*, 8(1), 1-20. <https://ssrn.com/abstract=2461983>
- Broome, L.J., Izura, C., & Davies, J. (2020). A psycho-linguistic profile of online grooming conversations: A comparative study of prison and police staff considerations. *Child Abuse & Neglect*, 109. <https://doi.org/10.1016/j.chiabu.2020.104647>
- Caldwell, M.F. (2016). Quantifying the decline in juvenile sexual recidivism rates. *Psychology, Public Policy, and Law*, 22(4), 414 - 426. <http://dx.doi.org/10.1037/law0000094>
- Canadian Centre for Child Protection (2017). *Survivors' Survey: Executive Summary 2017*. CCCP. www.protectchildren.ca/pdfs/C3P_SurvivorsSurveyExecutiveSummary2017_en.pdf
- Canadian Centre for Child Protection. (2018). *Protect we will* (Social value report 2016-2017). https://www.protectchildren.ca/pdfs/C3P_SocialValueReport_2016-2017_en.pdf
- Caneppele, S., & Aebi, M. (2019). Crime drop or police recording flop? On the relationship between the decrease of offline crime and the increase of online and hybrid crimes. *Policing: A Journal of Policy and Practice*, 13(1), 66-79. <https://doi.org/10.1093/police/pax055>
- Carnes, P.J. (2003). The anatomy of arousal: Three internet portals. *Sexual and Relationship Therapy*, 18(3), 309-328. <https://doi.org/10.1080/14681990310153937>
- Chiang, E., & Grant, T. (2019). Deceptive identity performance: Offender moves and multiple identities in online child abuse conversations. *Applied Linguistics*, 40(4), 675-698. <https://doi.org/10.1093/applin/amy007>
- Chiu, Y., & Leclerc, B. (2017). An examination of sexual offenses against women by acquaintances: The utility of a script framework for prevention purposes. In B. Leclerc & E. Savona (Eds.), *Crime prevention in the 21st century* (1st ed., pp. 59-76). Springer.
- Chiu, Y., Leclerc, B., & Townsley, M. (2011). Crime Script Analysis of drug manufacturing in clandestine laboratories: Implications for prevention. *The British Journal of Criminology*, 51(2), 355-374. <https://doi.org/10.1093/bjc/azr005>
- Cohen-Almagor, R. (2013). Online child sex offenders: Challenges and counter-measures. *The Howard Journal of Criminal Justice*, 52(2), 190-215. <https://doi.org/10.1111/hojo.12006>
- Cooper, A. (1998). Sexuality and the internet: Surfing into the new millennium. *CyberPsychology and Behavior*, 1, 187-193. <https://www.liebertpub.com/doi/10.1089/cpb.1998.1.187>

- Cornish, D. (1994). The procedural analysis of offending and its relevance for situational prevention. In R. Clarke (Ed.), *Crime prevention studies* (Vol. 3, pp. 151–196). Criminal Justice Press.
- Cornish, D., & Clarke, R. (2002). Analyzing organized crimes. In A.R. Piquero & S.G. Tibbets (Eds.), *Rational choice and criminal behavior: Recent research and future challenges* (1st ed., pp. 41–64). Routledge.
- Cranefield, J., Yoong, P., & Huff, S. (2015). Rethinking lurking: Invisible leading and following in a knowledge transfer ecosystem. *Journal of the Association for Information Systems*, 16(4), 213–247. <https://doi.org/10.17705/ijais.00394>
- Cross, J.C. (2000). Passing the buck: Risk avoidance and risk management in the illegal/informal drug trade. *International Journal of Sociology and Social Policy*, 20(9–10), 68–94. <https://doi.org/10.1108/01443330010789232>
- Dalins, J., Wilson, C., & Carman, M. (2018). Criminal motivation on the dark web: A categorisation model for law enforcement. *Digital Investigation*, 24, 62–71. <https://doi.org/10.1016/j.diin.2017.12.003>
- Davis, R.A. (2001). A cognitive-behavioral model of pathological internet use. *Computers in Human Behavior*, 17(2), 187–195. [https://doi.org/10.1016/S0747-5632\(00\)00041-8](https://doi.org/10.1016/S0747-5632(00)00041-8)
- Décary-Héту, D., & Dupont, B. (2013). Reputation in a dark network of online criminals. *Global Crime*, 14(2–3), 175–196. <https://doi.org/10.1080/17440572.2013.801015>
- DeHart, D., Dwyer, G., Seto, M.C., Moran, R., Letourneau, E., & Schwarz-Watts, D. (2017). Internet sexual solicitation of children: A proposed typology of offenders based on their chats, e-mails, and social network posts. *Journal of Sexual Aggression*, 23(1), 77–89. <https://doi.org/10.1080/13552600.2016.1241309>
- Dehghanniri, H., & Borrion, H. (2019). Crime scripting: A systematic review. *European Journal of Criminology*, 18(4), 504–525. <https://doi.org/10.1177/1477370819850943>
- DeMarco, J., Sharrock, J., Crowther, T., & Barnard, M. (2018). *Behaviour and characteristics of perpetrators of online-facilitated child sexual abuse and exploitation: A rapid evidence assessment*. Independent Inquiry into Child Sexual Abuse.
- Dombert, B., Schmidt, A., Banse, R., Briken, P., Hoyer, J., Neutze, J., & Osterheider, M. (2016). How common is men's self-reported sexual interest in prepubescent children?, *The Journal of Sex Research*, 53(2), 214–223. <https://doi.org/10.1080/00224499.2015.1020108>
- Duijn, P. (2016). *Detecting and disrupting criminal networks: a data driven approach*. [Dissertation, University of Amsterdam].
- Duijn, P., Kashirin, V., & Sloot, P. (2014). The relative ineffectiveness of criminal network disruption. *Scientific Reports*, 4, 1–15. <https://doi.org/10.1038/srep04238>
- Duijn, P., & Klerks, P. (2014). De brug tussen wetenschap en opsporingspraktijk: Onderzoek naar de toepassing van sociale netwerkanalyse in de opsporing. *Tijdschrift voor Criminologie*, 56(4), 39–70. <https://doi.org/10.5553/TvC/0165182X2014056004003>

- Dupont, B. (2013). Skills and trust: a tour inside the hard drives of computer hackers. In C. Morselli (Ed.), *Illicit networks* (pp. 195-217). Routledge.
- Dupont, B., Côté, A., Boutin, J., & Fernandez, J. (2017). Darkode: Recruitment patterns and transactional features of “the most dangerous cybercrime forum in the world”. *American Behavioral Scientist*, 61(11), 1219-1243. <https://doi.org/10.1177/0002764217734263>
- Dupont, B., Côté, A., Savine, C., & Décary-Héту, D. (2016). The ecology of trust among hackers. *Global Crime*, 17(2), 129-151. <https://doi.org/10.1080/17440572.2016.1157480>
- Durkin, K.F., & Bryant, C.D. (1999). Propagandizing pederasty: A thematic analysis of the on-line exculpatory accounts of unrepentant pedophiles. *Deviant Behaviour: An Inter-Disciplinary Journal*, 20, 103-127. <https://doi.org/10.1080/016396299266524>
- Durkin, K.F., Forsyth, C.J., & Quinn, J. F. (2006). Pathological internet communities: A new direction for sexual deviance research in a post modern era. *Sociological Spectrum*, 26(6), 595-606. <https://doi.org/10.1080/02732170600948857>
- Duwe, G. (2014). To what extent does civil commitment reduce sexual recidivism? Estimating the selective incapacitation effects in Minnesota. *Journal of Criminal Justice*, 42(2), 193-202. <https://doi.org/10.1016/j.jcrimjus.2013.06.009>
- Eck, J.E. (1995). A general model of the geography of illicit retail marketplaces. In J. Eck & D. Weisburd (Ed.), *Crime and place: Crime prevention studies* (4th ed., pp. 67-93). Criminal Justice Press.
- Egan, M. (2018). *Thinking of venturing on to the dark web? You might want to change your mind*. Tech Advisor. <https://www.techadvisor.co.uk/how-to/internet/dark-web-3593569/>
- Elliott, I.A., & Beech, A.R. (2009). Understanding online child pornography use: Applying sexual offense theory to internet offenders. *Aggression and Violent Behavior*, 14(3), 180-193. <https://doi.org/10.1016/j.avb.2009.03.002>
- Elliott, I.A., Beech, A.R., & Mandeville-Norden, R. (2013). The psychological profiles of internet, contact, and mixed internet/contact sex offenders. *Sexual Abuse*, 25(1), 3-20. <https://doi.org/10.1177/1079063212439426>
- Europol (2016). *Internet Organised Crime Threat Assessment (iOCTA)*. Europol.
- Europol (2017). *Internet Organised Crime Threat Assessment (iOCTA)*. Europol.
- Europol (2018). *Internet Organised Crime Threat Assessment (iOCTA)*. Europol.
- Europol (2019). *Internet Organised Crime Threat Assessment (iOCTA)*. Europol.
- Europol (2020). *Exploiting isolation: Offenders and victims of online child sexual abuse during the Covid-19 pandemic*. Europol.
- Felson, M. (2003). The process of co-offending. In M.J. Smith & D.B. Cornish (Eds.), *Theory for practice in situational crime prevention* (pp. 149-168). Willan Publishing.

- Felson, M. (2006). *The ecosystem for organized crime*. HEUNI.
- Finklea, K. (2017). *Darkweb*. Congressional Research Service. <https://fas.org/sgp/crs/misc/R44101.pdf>
- Fonhof, A., Van der Bruggen, M., & Takes, F. (2018). Characterizing key players in child exploitation networks on the Dark Net. *Complex Networks*, 8(13), 412–423. https://doi.org/10.1007/978-3-030-05414-4_33
- Fortin, F., & Proulx, J. (2019). Sexual interests of child sexual exploitation material (CSEM) consumers: Four patterns of severity over time. *International Journal of Offender Therapy and Comparative Criminology*, 63(1), 55–67. <https://doi.org/10.1177/0306624X18794135>
- Frank, R., Westlake, B., & Bouchard, M. (2010). The structure and content of online child exploitation networks. *Workshop on intelligence and security informatics* (pp. 1–9). <https://dl.acm.org/doi/10.1145/1938606.1938609>
- Ghosh, S., Das, A., Porras, P., Yegneswaran, V., & Gehani, A. (2017). Automated categorization of onion sites for analyzing the Darkweb ecosystem. *Proceedings of the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*. 1793–1802. <https://doi.org/10.1145/3097983.3098193>
- Gibson, L., Linden, R., & Johnson, S. (1980). A situational theory of rape. *Canadian Journal of Criminology*, 22, 51–65. <http://www.ncjrs.gov/App/publications/abstract.aspx?ID=65103>
- Gilmour, N. (2014). Understanding money laundering: A crime script approach. *The European Review of Organised crime*, 1(2), 35–56. <https://doi.org/10.1016/j.ijl-cj.2015.03.002>
- Goldsmith, J. & Wu, T. (2006). *Who controls the Internet? Illusions of a borderless world*. Oxford University Press.
- Gong, W., Lim, E., & Zhu, F. (2015). Characterizing silent users in social media communities. *Proceedings of the Ninth International AAAI Conference on Web and Social Media*, 140–149. https://ink.library.smu.edu.sg/sis_research/3107
- Goodman, M. (2015). *Future Crimes: Inside the digital underground and the battle for our connected world*. Transworld Publishers.
- Grady, M.D., Levenson, J. S., Mesias, G., Kavanagh, S., & Charles, J. (2019). “I can’t talk about that”: Stigma and fear as barriers to preventive services for minor-attracted persons. *Stigma and Health*, 4(4), 400–410. <https://doi.org/10.1037/sah0000154>
- Greenberg, D.F. (2014). Studying New York City’s crime decline: Methodological issues. *Justice Quarterly*, 31(1), 154–188. <https://doi.org/10.1080/07418825.2012.752026>
- Griffiths, G., & Norris, G. (2020). Explaining the crime drop: Contributions to declining crime rates from youth cohorts since 2005. *Crime, Law and Social Change*, 73, 25–53. <https://doi.org/10.1007/s10611-019-09846-5>

- Hammond, S., Quayle, E., Kirakowski, J., O'Halloran, E., & Wynne, F. (2009). *An examination of problematic paraphilic use of Peer to Peer facilities*. MAPAP Project. <http://antipaedo.lip6.fr/T24/TR/hebe.pdf>
- Hanson, R.K., Harris, A.J.R., Letourneau, E., Helmus, L.M., & Thornton, D. (2018). Reductions in risk based on time offense-free in the community: Once a sexual offender, not always a sexual offender. *Psychology, Public Policy, and Law*, 24(1), 48-63. <https://doi.org/10.1037/law0000135>
- Hobbs, D. (2013). *Lush life: Constructing organized crime in the UK*. Oxford University Press.
- Holt, T.J. (2010). Exploring strategies for qualitative criminological and criminal justice inquiry using on-line data. *Journal of Criminal Justice Education*, 21(4), 466-487. <https://doi.org/10.1080/10511253.2010.516565>
- Holt, T. (2010). Examining the role of technology in the formation of deviant subcultures. *Social Science Computer Review*, 28(4), 466-481. <https://doi.org/10.1177/0894439309351344>
- Holt, T. (2012). Examining forces shaping cybercrime markets online. *Social Science Computer Review*, 31(2), 165-177. <https://doi.org/10.1177/0894439312452998>
- Holt, T., Blevins, K., Burkert, N. (2010). Considering the pedophile subculture online. *Sexual Abuse: A Journal of Research and Treatment*, 22(1), 3-24. <https://doi.org/10.1177/1079063209344979>
- Holt, T., Blevins, K.R., & Kuhns, J.B. (2014). Examining diffusion and arrest avoidance practices among Johns. *Crime & Delinquency*, 60(2), 261-283. <https://doi.org/10.1177/0011128709347087>
- Holt, T.J., & Bossler, A.M. (2014). An assessment of the current state of cybercrime scholarship. *Deviant Behavior*, 35(1), 20-40. <https://doi.org/10.1080/01639625.2013.822209>
- Holt, T., Smirnova, O., Chua, Y.T., & Copes, H. (2015). Examining the risk reduction strategies of actors in online criminal markets. *Global Crime*, 16(2), 81-103. <https://doi.org/10.1080/17440572.2015.1013211>
- Hout, M.C. van, & Bingham, T. (2013). Surfing the Silk Road: A study of users' experiences. *International Journal of Drug Policy*, 24(6), 524-529. <https://doi.org/10.1016/j.drugpo.2013.08.011>
- Hout, M.C. van, & Bingham, T. (2014). Responsible vendors, intelligent consumers: Silk Road, the online revolution in drug trading. *International Journal of Drug Policy*, 25(2), 183-189. <https://doi.org/10.1016/j.drugpo.2013.10.009>
- Hsu, M., Chang, C., & Yen, C. (2011). Exploring the antecedents of trust in virtual communities. *Behaviour & Information Technology*, 30(5), 587-601. <https://doi.org/10.1080/0144929X.2010.549513>

- Hughes, D., Walkerdine, J., Coulson, G., & Gibson, S. (2006). Is deviant behavior the norm on P2P file-sharing networks? *IEEE Distributed Systems Online*, 7(2). <https://doi.org/10.1109/MDSO.2006.13>
- Huikuri, S. (2021). *Dark Web chatlogs and offender conversations* [Conference presentation]. ReDirection International Expert Webinar.
- Hutchings, A., & Holt, T.J. (2015). A crime script analysis of the online stolen data market. *British Journal of Criminology*, 55(3), 596–614. <https://doi.org/10.1093/bjc/azu106>
- Hutchings, A., & Holt, T.J. (2017). The online stolen data market: Disruption and intervention approaches. *Global Crime*, 18(1), 11–30. <https://doi.org/10.1080/17440572.2016.1197123>
- ICMEC (2018). *Child sexual abuse material: Model legislation & global review*. International Centre for Missing and Exploited Children.
- Insoll, T., Ovaska, A., & Vaaranen-Valkonen, N. (2021). *CSAM users in the Dark Web: Protecting children through prevention*. Suojellaan Lapsia ry. / Protect Children.
- Interagency Working Group (2016). *Terminology Guidelines for the Protection of Children from Sexual Exploitation and Sexual Abuse*. EPCAT International.
- Interpol & ECPAT (2018). *Towards a global indicator on unidentified victims in child sexual exploitation material: Technical report*. Interpol & ECPAT International.
- Jacobs, B. (1993). Undercover deception clues: A case of restrictive deterrence. *Criminology*, 31(2), 281–299. <https://doi.org/10.1111/j.1745-9125.1993.tb01131.x>
- Jacobs, B. (1999). *Dealing crack: The social world of street corner selling*. Northeastern University Press.
- Jardine, E. (2015). *The Dark Web dilemma: Tor, anonymity and online policing*. Global Commission on Internet Governance. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2667711
- Jarlov, P., Latapy, M., Aidouni, F., Magnien, C., Berger, C., & Crispino, F. (2009). *Monitoring pedophile activity in a P2P network*. MAPAP Project. <http://antipaedo.lip6.fr/results.htm>
- Jenkins, P. (2001). *Beyond Tolerance: Child pornography on the internet*. New York University Press.
- Jenkins, R.E., & Thomas, A.R. (2004). *Deviance online: Portrayals of bestiality on the internet*. Center for Social Science Research.
- Jin, X., Lee, M., & Cheung, C. (2010). Predicting continuance in online communities: Model development and empirical test. *Behaviour & Information Technology*, 29(4), 383–394. <https://doi.org/10.1080/01449290903398190>
- Joffres, K., Bouchard, M., Frank, R., & Westlake, B. (2011). Strategies to disrupt online child pornography networks. *European Intelligence and Security Informatics Conference*, 163–170. <https://doi.org/10.1109/EISIC.2011.32>

- Johnson, B. & Natarajan, M. (1995). Strategies to avoid arrest: Crack sellers' response to intensified policing. *American Journal of Police*, 14(3-4), 49-69. <https://doi.org/10.1108/07358549510111947>
- Jones, B., & Nagin, D. (2013). A note on a Stata plugin for estimating group based trajectory models. *Sociological Methods and Research*, 42(4), 608-613. <https://doi.org/10.1177/0049124113503141>
- Kahneman, D. (2011). *Thinking Fast and Slow*. Allen Lane.
- Kaur, S., & Randhawa, S. (2020). Dark Web: A web of crimes. *Wireless Personal Communications*, 112, <https://doi.org/10.1007/s11277-020-07143-2>
- Kim, J., Bushway, S., & Tsao, H-S. (2015). Identifying classes of explanations for crime drop: Period and cohort effects for New York State. *Journal of Quantitative Criminology*, 32(3), 357-375. <https://doi.org/10.1007/s10940-015-9274-5>
- Kinzel, A. (2021). *The language of online child sexual groomers: A corpus assisted discourse study of intentions, requests and grooming duration*. [Doctoral dissertation, Swansea University]. <https://doi.org/10.23889/SUthesis.59027>
- Kleemans, E.R. (2014). Organized crime research: Challenging assumptions and informing policy. In J. Knutsson & E. Cockbain (Eds.), *Applied police research: Challenges and opportunities: Crime science series* (pp. 57-67). Willan Publishing.
- Kleinberg, B, Van der Vegt, I., & Gill, P (2020). The temporal evolution of a farright forum. *Journal of Computational Social Science*, 4. <https://doi.org/10.1007/s42001-020-00064-x>
- Kloess, J., & Van der Bruggen, M. (2021). Trust and relationship development among users in Dark Web Child sexual exploitation and abuse networks: A literature review from a psychological and criminological perspective. *Trauma, Violence & Abuse*. Advance online publication. <https://doi.org/10.1177/15248380211057274>
- Kleinrock, L. (2008). History of the internet and its flexible future. *IEEE Wireless Communications*, 15(1), 8-18. <https://doi.org/10.1109/MWC.2008.4454699>
- Krone, T. (2004). A typology of online child pornography offending. *Trends and Issues in Crime and Criminal Justice*, 279, 1-7.
- Krone, T., Spiranovic, C., Prichard, J., Watters, P., Wortley, R., Gelb, K., & Hunn, C. (2020). Child sexual abuse material in child-centred institutions: Situational crime prevention approaches. *Journal of Sexual Aggression*, 26(1), 91-110. <https://doi.org/10.1080/13552600.2019.1705925>
- Kokolaki, E., Daskalaki, E., Psaroudaki, K., Christodoulaki, M., & Fragopoulou, P. (2020). Investigating the dynamics of illegal online activity: The power of reporting, dark web, and related legislation. *Computer Law & Security Review*, 38. <https://doi.org/10.1016/j.clsr.2020.105440>

- Kruisbergen, E.W., Leukfeldt, E.R., Kleemans, E.R., & Roks, R.A. (2018). *Organised crime and IT: Empirical results of the fifth round of the Dutch Organised Crime Monitor*. WODC.
- Lacey, D., & Salmon P. (2015). It's dark in there: Using systems analysis to investigate trust and engagement in Dark Web forums. In D. Harris (Ed.), *Engineering Psychology and Cognitive Ergonomics. Lecture Notes in Computer Science*. Springer. https://doi.org/10.1007/978-3-319-20373-7_12
- Lanning, K. (1986). Situational and preferential sex offenders. In M. Frost & M.J. Seng (Eds.), *Sexual Exploitation of the Child* (pp. 28-39). NCJ-104925.
- Lanning, K. (2001). Cyber pedophiles: A behavioral perspective. In R. Hazelwood & A.W. Burgess (Eds.), *Practical aspects of rape investigation: A multidisciplinary approach* (3rd ed., pp. 199-220). CRC Press.
- Lanning, K. (2010). *Child Molesters: A Behavioral Analysis*. NCMEC.
- Latapy, M., Magnien, C., & Del Vecchio, N. (2008). Basic notions for the analysis of large two-mode networks. *Social Networks*, 30(1), 31-48. <https://doi.org/10.1016/j.socnet.2007.04.006>
- Lavorgna, A., & Sergi, A. (2016). Serious, therefore organised? A critique of the emerging “cyber-organised crime” rhetoric in the United Kingdom. *International Journal of Cyber Criminology* 10(2), 170-187. <https://doi.org/10.5281/zenodo.163400>
- Leclerc, B., Drew, J., Holt, T., Cale, J., & Singh, S. (2021). Child sexual abuse material on the darknet: A script analysis of how offenders operate. *Trends & issues in crime and criminal justice*, 627, 1-14. <https://doi.org/10.52922/ti78160>
- Leclerc, B., Wortley, R., & Smallbone, S. (2011). Getting into the script of adult child sex offenders and mapping out situational prevention measures. *Journal of Research in Crime and Delinquency*, 48(2), 209-237. <https://doi.org/10.1177/0022427810391540>
- Leukfeldt, E.R. (2015). Organised cybercrime and social opportunity structures: A proposal for future research directions. *The European Review of Organised Crime*, 2(2), 91-103.
- Leukfeldt, E.R. (2016). *Cybercriminal networks: Origin, growth and criminal capabilities*. Eleven international Publishing.
- Leukfeldt, E.R., Kleemans, E., & Stol, W. (2016). Cybercriminal networks, social ties and online forums: Social ties versus digital ties within phishing and malware networks. *British Journal of Criminology*, 57(3), 704-722. <https://doi.org/10.1093/bjc/azw009>
- Leukfeldt, E.R., Lavorgna, A., & Kleemans, E.R. (2017). Organised cybercrime or cybercrime that is organised? An assessment of the conceptualisation of financial cybercrime as organised crime. *European Journal of Criminological Policy and Research*, 23(3), 287-300. <https://doi.org/10.1007/s10610-016-9332-z>

- Lievesley, R., Harper, C.A., & Elliott, H. (2020). The internalization of social stigma among minor-attracted persons: Implications for treatment. *Archives of Sexual Behavior*, 49, 1291–1304. <https://doi.org/10.1007/s10508-019-01569-x>
- Liggett, R., Lee, J.R., Roddy, A.L., & Wallin, M.A. (2020). The Dark Web as a platform for crime: An exploration of illicit drug, firearm, CSAM, and cybercrime markets. In T. Holt & A. Bossler (Eds.), *The Palgrave Handbook of International Cybercrime and Cyberdeviance* (pp. 91–116). Springer International Publishing. https://doi.org/10.1007/978-3-319-78440-3_17
- Lorenzo-Dus, N., Kinzel, A., & Cristofaro, M. (2020). The communicative modus operandi of online child sexual groomers: Recurring patterns in their language use. *Journal of Pragmatics*, 155, 15–27. <https://doi.org/10.1016/j.pragma.2019.09.010>
- Lusthaus, J. (2012). Trust in the world of cybercrime. *Global Crime*, 13(2), 71–94. <https://doi.org/10.1080/17440572.2012.674183>
- Lusthaus, J. (2013). How organised is organised cybercrime? *Global Crime*, 14(1), 52–60. <https://doi.org/10.1080/17440572.2012.759508>
- Lutz, C., & Hoffmann, C.P. (2017). The dark side of online participation: Exploring non-, passive and negative participation. *Information, Communication & Society*, 20(6), 876–897. <https://doi.org/10.1080/1369118X.2017.1293129>
- Malesky, L.A., & Ennis, L. (2004). Supportive distortions: An analysis of posts on a pedophile internet message board. *Journal of Addictions & Offender Counseling*, 24, 92–100. <https://onlinelibrary.wiley.com/doi/abs/10.1002/j.2161-1874.2004.tb00185.x>
- Markham, A.N. (2010). Internet research. In D. Silverman (Ed.), *Qualitative research: Theory, method, and practices* (3rd ed., pp. 111–127). SAGE.
- Martellozzo, E. (2015). Policing online child sexual abuse: The British experience. *European Journal of Policing Studies*, 3(1), 32–52.
- Martin, J. (2014). Lost on the Silk Road: Online drug distribution and the “cryptomarket.” *Criminology & Criminal Justice*, 14(3), 351–367. <https://doi.org/10.1177/1748895813505234>
- Maruna, S., & Mann, R.E. (2006). A fundamental attribution error? Rethinking cognitive distortions. *Legal and Criminological Psychology*, 11, 155–177. <https://onlinelibrary.wiley.com/doi/abs/10.1348/135532506X114608>
- Masson, K., & Bancroft, A. (2018). ‘Nice people doing shady things’: Drugs and the morality of exchange in the darknet cryptomarkets. *International Journal of Drug Policy*, 58, 78–84. <https://doi.org/10.1016/j.drugpo.2018.05.008>
- May, T. & Hough, M. (2004). Drug markets and distribution systems. *Addiction Research & Theory*, 12(6), 549–563. <https://doi.org/10.1080/16066350412331323119>
- Mazerolle, P., & McPhedran, S. (2019). Specialization and versatility in offending. In D.P. Farrington, L. Kazemian, & A.R. Piquero (Eds.), *The Oxford Handbook of Developmental and Life-Course Criminology*. Oxford University Press.

- Merdian, H.L., Curtis, C., Thakker, J., Wilson, N., & Boer, D.P. (2013). The three dimensions of online child pornography offending. *Journal of Sexual Aggression, 19* (1), 121-132. <https://doi.org/10.1080/13552600.2011.611898>
- Miller, B. (2016). A computer-mediated escape from the closet: Exploring identity, community, and disinhibited discussion on an internet coming out advice forum. *Sexuality and Culture, 20*, 602-625. <https://link.springer.com/article/10.1007/s12119-016-9343-4>
- Morselli, C. (2009). Hells Angels in springtime. *Trends in Organized Crime, 12*, 145-158. <https://doi.org/10.1007/s12117-009-9065-1>
- Morselli, C., & Roy, J. (2008). Brokerage qualifications in ringing operations. *Criminology, 46*(1), 71-98. <https://doi.org/10.1111/j.1745-9125.2008.00103.x>
- Morzy, M. (2013). Evolution of online forum communities. In T. Özyer, J. Rokne, G. Wagner, & A. Reuser (Eds.), *The influence of technology on social network analysis and mining* (pp. 615-630). Springer.
- Mousavi, S., Roper, S., & Keeling, K. (2017). Interpreting social identity in online brand communities: Considering posters and lurkers. *Psychology and Marketing, 34*(4), 376-393. <https://doi.org/10.1002/mar.20995>
- Nagin, D.S. (2005). *Group-based modeling of development*. Harvard University Press.
- Nationaal Rapporteur (2021). *Dadermonitor seksueel geweld tegen kinderen 2015-2019*. Nationaal Rapporteur.
- National Crime Agency (2019). *National Strategic Assessment of Serious and Organised Crime*. <https://nationalcrimeagency.gov.uk/who-we-are/publications/296-national-strategic-assessment-of-serious-organised-crime-2019/file>
- Newman, M.E. (2001). Scientific collaboration networks. II. Shortest paths, weighted networks, and centrality. *Physical Review E, 64*(1). <https://doi.org/10.1103/PhysRevE.64.016132>
- Nolker, R.D., & Zhou, L. (2005). Social computing and weighting to identify member roles in online communities. *Proceedings of the 2005 IEEE/WIC/ACM International Conference on Web Intelligence, 87-93*. <https://doi.org/10.1109/WI.2005.134>
- Nonnecke, B., & Preece, J. (2000). Lurker demographics: Counting the silent. *Proceedings of the SIGCHI conference on Human Factors in Computing Systems, 73-80*. <https://doi.org/10.1145/332040.332409>
- Nurse, J., & Bada, M. (2018). The group element of cybercrime: Types, dynamics, and criminal operations. In A. Attrill-Smith, C. Fullwood, M. Keep, & D. Kuss (Eds.), *The Oxford Handbook of Cyberpsychology* (pp. 691-716). Oxford University Press.
- Ó Ciardha, C., & Ward, T. (2013). Theories of cognitive distortions in sexual offending: What the current research tells us. *Trauma, Violence, & Abuse, 14*, 5-21. <https://journals.sagepub.com/doi/10.1177/1524838012467856>

- O'Connell, R. (2001). Paedophiles networking on the Internet. In C.A. Arnaldo (Ed.), *Child abuse on the Internet: ending the silence* (pp. 65–80). Berghahn.
- Oerlemans, J.J. (2010). Een verborgen wereld: Kinderpornografie op internet. *Tijdschrift voor Familie- en Jeugdrecht*, 32(10), 236-243.
- O'Halloran, E., & Quayle, E. (2010). A content analysis of a “boy love” support forum: Revisiting Durkin and Bryant. *Journal of Sexual Aggression*, 16(10), 71–85. <https://doi.org/10.1080/13552600903395319>
- Owen, G., & Savage, N. (2015). *The Tor Dark Net*. Global Commission on Internet Governance. https://www.cigionline.org/sites/default/files/no20_o.pdf
- Owen, G., & Savage, N. (2016). Empirical analysis of Tor Hidden Services. *IET Information Security* 10(3), 113-118. <https://doi.org/10.1049/iet-ifs.2015.0121>
- Owens, J., Eakin, J., Hoffer, T., Muirhead, Y., & Shelton, J.L.E. (2016). Investigative aspects of crossover offending from a sample of FBI online child sexual exploitation cases. *Aggression and Violent Behavior*, 30, 3-14. <https://doi.org/10.1016/j.avb.2016.07.001>
- Owens, J., Eakin, J., Hoffer, T., Muirhead, Y., & Shelton, J.L.E. (2016). Investigative aspects of crossover offending from a sample of FBI online child sexual exploitation cases. *Aggression and Violent Behavior*, 30, 3-14. <https://doi.org/10.1016/j.avb.2016.07.001>
- Özyer, T., Rokne, J., Wagner, J., & Reuser, A. (2013). *The influence of technology on social network analysis and mining*. Springer.
- Pannu, M., Kay, I., & Harris, D. (2019). Using Dark Web crawler to uncover suspicious and malicious websites. *Advances in Human Factors in Cybersecurity*, 782, 108-115. https://doi.org/10.1007/978-3-319-94782-2_11
- Paoli, L. (2002). The paradoxes of organized crime. *Crime, Law and Social Change*, 37(1), 51-97.
- Paoli, L. (2003). *Mafia Brotherhoods: Organized crime, Italian style*. Oxford University Press.
- Paoli, L., & Beken, T. vander. (2014). Organized crime: A contested concept. In L. Paoli (Ed.), *The Oxford Handbook of Organized Crime* (pp. 13-31). Oxford University Press.
- Piquero, A.R., Farrington, D.P., & Blumstein, A. (2003). The criminal career paradigm. In M. Tonry (Ed.), *Crime and justice: A review of research* (pp. 359–506). University of Chicago Press.
- Piza, E., & Sytsma, V.A. (2016). Exploring the defensive actions of drug sellers in open-air markets: A systematic social observation. *Journal of Research in Crime and Delinquency*, 53(1), 36-65. <https://doi.org/10.1177/0022427815592451>
- Preece, J., Nonnecke, B., & Andrews, D. (2004). The top five reasons for lurking: Improving community experiences for everyone. *Computers in Human Behavior*, 20(2), 201–223. <https://doi.org/10.1016/j.chb.2003.10.015>

- Prichard, J., Watters, P., & Spiranovic, C. (2011). Internet subcultures and pathways to the use of child pornography. *Computer Law & Security Review*, 27(6), 585-600. <https://doi.org/10.1016/j.clsr.2011.09.009>
- Quayle, E., & Jones, T. (2011). Sexualised images of children on the internet. *Sexual Abuse: A Journal of Research and Treatment*, 23, 7-21. <https://doi.org/10.1177/1079063210392596>
- Quayle, E., & Taylor, M. (2003). Model of problematic internet use in people with a sexual interest in children. *CyberPsychology and Behavior*, 6(1), 93-106. <https://doi.org/10.1089/109493103321168009>
- Quayle, E., & Taylor, M. (2002). Child pornography and the internet: Perpetuating a cycle of abuse. *Deviant Behavior*, 23, 331-361. <https://www.tandfonline.com/doi/abs/10.1080/01639620290086413>
- Quinn, J.F., & Forsyth, C.J. (2013). Red light districts on blue screens: A typology for understanding the evolution of deviant communities on the internet. *Deviant Behavior* 34(7), 579-585. <https://doi.org/10.1080/01639625.2012.748629>
- Raven, A., Akhgar, B., & Abdel Samad, Y. (2021). Case studies: Child sexual exploitation. In B. Akhgar, M. Gercke, S. Vrochidis, & H. Gibson (Eds.), *Dark Web Investigation* (pp. 249-266). Springer.
- Rimer, J.R. (2017). Internet sexual offending from an anthropological perspective: Analysing offender perceptions of online spaces. *Journal of Sexual Aggression*, 23(1), 33-45. <https://doi.org/10.1080/13552600.2016.1201158>
- Rogers, M. (2003). The role of criminal profiling in the computer forensics process. *Computers & Security*, 22(4), 292-298. [https://doi.org/10.1016/S0167-4048\(03\)00405-X](https://doi.org/10.1016/S0167-4048(03)00405-X)
- Rutter, J., & Smith, G.W.H. (2005). Ethnographic presence in a nebulous setting. In C. Hine (Ed.), *Virtual methods: Issues in social research on the Internet* (pp. 81-92). Berg.
- Sammons, J. (2016). *Digital Forensics: Threatscape and Best Practices*. Elsevier inc.
- Schäfer, M., Fuchs, M., Strohmeier, M., Engel, M., Liechti, M., & Lenders, V. (2019). BlackWidow: Monitoring the dark web for cyber security information. *11th International Conference on Cyber Conflict (CyCon)*, 1-21. <https://doi.org/10.23919/CYCON.2019.8756845>
- Schelling, T. (1971). What is the business of organized crime? *Journal of Public Law* 20(1), 71-84.
- Seto, M.C., & Ahmed, A.G. (2014). Treatment and management of child pornography use. *Psychiatric Clinics of North America*, 37(2), 207-214. <https://doi.org/10.1016/j.psc.2014.03.004>
- Seto, M.C., Buckman, C., Dwyer, R.G., & Quayle, E. (2018). *Production and active trading of child sexual exploitation images depicting identified victims*. Missingkids.

- Seto, M.C., & Eke, A.W. (2005). The criminal histories and later offending of child pornography offenders. *Sexual Abuse: A Journal of Research and Treatment*, 17(2), 201-210. <https://doi.org/10.1007/s11194-005-4605-y>
- Seto, M.C., & Eke, A.W. (2015). Predicting recidivism among adult male child pornography offenders: Development of the child pornography offender risk tool (CPORT). *Law and Human Behavior*, 39(4), 416-429. <https://doi.org/10.1037/lhb0000128>
- Shelton, J., Eakin, J., Hoffer, T., Muirhead, Y., & Owens, J. (2016). Online child sexual exploitation: An investigative analysis of offender characteristics and offending behaviour. *Aggression and Violent Behavior*, 30, 15-23. <https://doi.org/10.1016/j.avb.2016.07.002>
- Simpson, E.H. (1949). Measurement of diversity. *Nature*, 163(4148), 688. <https://doi.org/10.1038/163688a0>
- Smid, W. (2014). *Sex offender risk assessment in the Netherlands: towards a risk need responsivity approach*. NL-ATSA.
- Soudijn, M. & Zegers, B. (2012). Cybercrime and virtual offender convergence settings. *Trends in Organized Crime*, 15(2-3), 111-129. <https://doi.org/10.1007/s12117-012-9159-z>
- Steel, C. (2009). Child pornography in peer-to-peer networks. *Child Abuse & Neglect*, 33(8), 56-568. <https://doi.org/10.1016/j.chiabu.2008.12.011>
- Steel, C., Newman, E., O'Rourke, S., & Quayle, E. (2020). An integrative review of historical technology and countermeasure usage trends in online child sexual exploitation material offenders. *Forensic Science International: Digital Investigation*, 33. <https://doi.org/10.1016/j.fsidi.2020.300971>
- St. Jean, P. (2007). *Pockets of crime: Broken windows, collective efficacy, and the criminal point of view*. University of Chicago Press.
- Tagarelli, A., & Interdonato, R. (2013). Who's out there? Identifying and ranking lurkers in social networks. *IEEE Xplore*, 1-8. <https://doi.org/10.1145/2492517.2492542>
- Taylor, M., Holland, G., & Quayle, E. (2001). Typology of paedophile picture collections. *The Police Journal*, 74, 97-107. <https://doi.org/10.1177/0032258X0107400202>
- Taylor, M. & Quale, E. (2003). *Child Pornography. An Internet Crime*. Brunner-Routledge.
- Telep, C.W. (2017). Police officer receptivity to research and evidence-based policing: Examining variability within and across agencies. *Crime & Delinquency*, 63(8), 976-999. <https://doi.org/10.1177/0011128716642253>
- Tener, D., Wolak, J., & Finkelhor, D. (2015). A typology of offenders who use online communications to commit sex crimes against minors. *Journal of Aggression, Maltreatment & Trauma*, 24(3), 319-337. <http://dx.doi.org/10.1080/10926771.2015.1009602>
- Tompson, L., & Chainey, S. (2011). Profiling illegal waste activity: Using crime scripts as a data collection and analytical strategy. *European Journal of Criminal Policy and Research*, 17(3), 179-201. <https://doi.org/10.1007/s10610-011-9146-y>

- Tyler, R., & Stone, L. (1985). Child pornography: Perpetuating the sexual victimization of children. *Child Abuse & Neglect*, 9(3), 313-318. [https://doi.org/10.1016/0145-2134\(85\)90026-2](https://doi.org/10.1016/0145-2134(85)90026-2)
- Tzanetakis, M., Kamphausen, G., Werse, B., & Laufenberg, R. von (2016). The transparency paradox. Building trust, resolving disputes and optimising logistics on conventional and online drugs markets. *International Journal on Drug Policy*, 35, 58-68. <https://doi.org/10.1016/j.drugpo.2015.12.010>
- Van der Bruggen, M. (2015). Een beschouwing van de ontwikkeling van het internet en cybercriminaliteit en de gevolgen hiervan voor de internationale bestrijding van digitale kinderporno. *Tijdschrift voor Criminologie*, 2, 242-259. <https://doi.org/10.5553/TvC/0165182X2015057002005>
- Van der Bruggen, M. (2018). Georganiseerde kinderpornonetwerken op het darkweb. *Justitiële Verkenningen*, 44(5), 40-53. <https://doi.org/10.5553/JV/016758502018044005004>
- Van der Bruggen, M., & Blokland, A. (2021). A crime script analysis of child sexual exploitation material fora on the Darkweb. *Sexual Abuse*, 33(8), 950-974. <https://doi.org/10.1177/1079063220981063>
- Van der Bruggen, M., & Blokland, A. (2021). Child sexual exploitation communities on the Darkweb: How organized are they? In M. Weulen Kranenbarg & R. Leukfeldt (Eds.), *Cybercrime in context: The human factor in victimization, offending, and policing* (pp. 259-280). Springer.
- Van der Bruggen, M., & Blokland, A. (2021). Profiling Darkweb child sexual exploitation material forum members using longitudinal posting history data. *Social Science Computer Review*, 40(4), 865-891. <https://doi.org/10.1177/0894439321994894>
- Van der Bruggen, M., Van Balen, I., Van Bunningen, A., Talens, P., Clapp, K., & Owens, J. (2022). Even “lurkers” download: The behavior and illegal activities of members on a child sexual exploitation Tor Hidden Service. *Aggression and Violent Behavior*, 67. <https://doi.org/10.1016/j.avb.2022.101793>
- Van Hout, M.C. & Bingham, T. (2013). Surfing the Silk Road: A study of users' experiences. *International Journal of Drug Policy*, 24(6), 524-529. <https://doi.org/10.1016/j.drugpo.2013.08.011>
- Van Remunt, T., & Van Wilsem, J. (2016). Wat wordt er nu eigenlijk gezegd? Een verkennend onderzoek naar communicatiepatronen op het Darkweb. *Proces*, 95(1), 24-39. <https://doi.org/10.5553/PRocES/016500762016095001004>
- Varese, F. (2010). What is organized crime? In F. Varese (Ed.), *Organized crime: Critical concepts in criminology* (pp. 1-33). Routledge.
- Von Lampe, K. (2016). *Organized crime: Analyzing illegal activities, criminal structures and extra-legal governance*. Sage.

- Von Lampe, K. (2016). The ties that bind: A taxonomy of associational criminal structures. In G.A. Antonopoulos (Ed.), *Illegal entrepreneurship, organized crime and social control* (pp. 19-35). Springer International Publishing.
- Von Lampe, K., & Johansen, P. (2003). Criminal networks and trust: On the importance of expectations of loyal behaviour in criminal relations. In S. Nevala, & K. Aromaa (Eds.), *Organised Crime, Trafficking, Drugs: Selected papers presented at the Annual Conference of the European Society of Criminology* (pp. 102-113). HEUNI.
- Von Lampe, K., & Johansen, P. (2004). Organized crime and trust: On the conceptualization and empirical relevance of trust in the context of criminal networks. *Global Crime*, 6(2), 159-184. <https://doi.org/10.1080/17440570500096734>
- Wall, D.S. (2007). *Cybercrime: The transformation of crime in the information age*. Polity Press.
- Ward, T., & Hudson, S.M. (2000). A self-regulation model of relapse prevention. In D.R. Laws, S.M. Hudson, & T. Ward (Eds.), *Remaking relapse prevention with sex offenders* (pp. 79-101). Sage.
- Webb, L., Craissati, J., & Kee, S. (2007). Characteristics of internet child pornography offenders: A comparison with child molesters. *Sexual Abuse*, 19, 449-465. <https://doi.org/10.1007/s11194-007-9063-2>
- Web-IQ (2018). *Web-IQ newsletter*. Web-IQ. <https://web-iq.com/news>
- Webster, S., Davidson, J., Bifulco, A., Gottschalk, P., Caretti, V., Pham, T., Grove-Hills, J., Turley, C., Tompkins, C., Ciulla, S., Milazzo, V., Schimmenti, A. & Craparo, G. (2012). *European online grooming project: Final report*. European Commission Safer Internet Plus Programme.
- Weimann, G. (2016). Going dark: Terrorism on the dark web. *Studies in Conflict & Terrorism*, 39(3), 195-206. <https://doi.org/10.1080/1057610X.2015.1119546>
- Wijsmuller, V. (2021). *Kinderporno op het Darkweb: Downloaders en keyplayers, wie zijn het?* [Dissertation, Politie Academie].
- WeProtect Global Alliance (2021). *Global Threat Assessment: Working together to end the sexual abuse of children online*. WeProtect Global Alliance.
- Westlake, B.G., & Bouchard, M. (2015). Criminal careers in cyberspace: Examining website failure within child exploitation networks. *Justice Quarterly*, 33(7), 1154-1181. <https://doi.org/10.1080/07418825.2015.1046393>
- Westlake, B.G., & Bouchard, M. (2016). Liking and hyperlinking: Community detection in online child sexual exploitation networks. *Social Science Research*, 59, 23-36. <https://doi.org/10.1016/j.ssresearch.2016.04.010>
- Westlake, B.G., Bouchard, M., & Frank, R. (2011). Finding the key players in online child exploitation networks. *Policy & Internet*, 3(2), 1-32. <https://doi.org/10.2202/1944-2866.1126>

- Wilson, G.D., & Cox, D.N. (1983). *The child-lovers: A study of paedophiles in society*. Peter Owen Publishers.
- Wilson, R., & Sandler, J. (2021). What works (or does not) in community risk management for persons convicted of sexual offenses? A contemporary perspective. *International Journal of Offender Therapy and Comparative Criminology*, 65(12), 1282–1298. <https://doi.org/10.1177/0306624X18754764>
- Winder, B., & Gough, B. (2010). “I never touched anybody – that’s my defence”: A qualitative analysis of internet sex offender accounts. *Journal of Sexual Aggression*, 16(2), 125–141. <https://www.tandfonline.com/doi/abs/10.1080/13552600903503383>
- Wolak, J., Liberatore, M., & Levine, B. (2014). Measuring a year of child pornography trafficking by U.S. computers on a peer-to-peer network. *Child Abuse & Neglect*, 38, 347–356. <https://doi.org/10.1016/j.chiabu.2013.10.018>
- Woodhams, J., Kloess, J., Brendan, J., & Hamilton-Giachritsis, C. (2021). Characteristics and behaviors of anonymous users of Dark Web platforms suspected of child sexual offenses. *Frontiers in Psychology*, 12, 1–11. <https://doi.org/10.3389/fpsyg.2021.623668>
- Yang, C., Ma, E., & Kao, D. (2021). Sexual offenses against children: Social learning theory and Dark Web reinforcement. *23rd International Conference on Advanced Communication Technology (ICACT)*, 449–454. <https://doi.org/10.23919/ICACT51234.2021.9370961>
- Yar, M. (2005). The novelty of ‘cybercrime’: an assessment in light of routine activity theory. *European Journal of Criminology*, 2(4), 407–427. <https://doi.org/10.1177/147737080556056>
- Yip, M., Shadbolt, N., & Webber, C. (2012). Structural analysis of online criminal social networks. In D. Zeng, L. Zhou, B. Cukic, G. Wang, & C. Yang (Eds.), *IEEE international conference on intelligence and security informatics (ISI)* (pp. 60–65). Piscataway.
- Yip, M., Webber, C., & Shadbolt, N. (2013). Trust among cybercriminals? Carding forums, uncertainty and implications for policing. *Policing and Society*, 23(4), 516–539. <https://doi.org/10.1080/10439463.2013.780227>
- Zanella, M. (2013). Script analysis of corruption in public procurement. In B. Leclerc & R. Wortley (Eds.), *Cognition and crime offender decision making and script analyses* (pp. 101–119). Routledge.
- Ziegel, E.R. (2001). Standard probability and statistics tables and formulae. *Technometrics*, 43(2), 249.
- Zulkarnine, A.T., Frank, R., Monk, B., Mitchell, J., & Davies, G. (2016). Surfacing collaborated networks in Dark Web to find illicit and criminal content. *Conference: 2016 IEEE Conference on Intelligence and Security Informatics (ISI)*, 1–6. <https://doi.org/10.1109/ISI.2016.7745452>