**Appendix**

I.Lock “Explicating Communicative Organization-Stakeholder Relationships in the Digital Age: A Systematic Review and Research Agenda.” *Public Relations Review*.

**A. Search strings**

**Search String & Results**

**July 12, 2017 #1 AND #2 (AND #3)\*\***

**PsycINFO 237 titles (July 12, 2017)**

**Communication & Mass Media Complete 637 titles (July 12, 2017)**

**Business Source Premier 1.759 titles (July 12, 2017)\*\***

**Sociological Abstracts 119 titles (July 12, 2017)\*\***

**Worldwide Political Science Abstracts 77 titles (July 12, 2017)\*\***

**PsycINFO**

**#1 Online**

audiovisual communications media/ OR

audiovisual.ti,ab,id. OR

avatar.ti,ab,id. OR

blog\*.ti,ab,id. OR

cell phones.ti,ab,id. OR

cellular phones/ OR

chat\*.ti,ab,id. OR

computer applications/ OR

computer based task\*.ti,ab,id. OR

computer mediated communication/ OR

computer searching/ OR

computer usage/ OR

digital computers/ OR

digital devices.ti,ab,id. OR

digital video/ OR

electronic mail.ti,ab,id. OR

email\*.ti,ab,id. OR

facebook.ti,ab,id. OR

google.ti,ab,id. OR

handheld\*.ti,ab,id. OR

human computer interaction/ OR

hypermedia/ OR

hypermedia.ti,ab,id. OR

information technology/ OR

internet/ OR

internet usage/ OR

iphone\*.ti,ab,id. OR

ipod\*.ti,ab,id. OR

laptop\*.ti,ab,id. OR

microcomputers/ OR

mobile devices/ OR

mobile devices.ti,ab,id. OR

mobile phones.ti,ab,id. OR

multimedia/ OR

multimedia.ti,ab,id. OR

nonprint media.ti,ab,id. OR

online social networks/ OR

online systems.ti,ab,id. OR

OSN\*.ti,ab,id. OR

second life.ti,ab,id. OR

smart device\*.ti,ab,id. OR

smart phone\*.ti,ab,id. OR

SNS\*.ti,ab,id. OR

social media/ OR

social media.ti,ab,id. OR

social networks/ OR

(social network\* adj3 (online OR site).ti,ab,id.) OR

tablet\*.ti,ab,id. OR

tagged.ti,ab,id. OR

text messag\*.ti,ab,id. OR

texting.ti,ab,id. OR

twitter.ti,ab,id. OR

webcam\*.ti,ab,id. OR

website\*.ti,ab,id. OR

websites/ OR

youtube.ti,ab,id.

**Results: 110.299 (July 12, 2017)**

**#2 Communication of organizations**

relation\*.ti,ab,id. AND

(customer relationship management/ OR

((business organizations/ OR

companies.ti,ab,id. OR

corporate.ti,ab,id. OR

corporation\*.ti,ab,id. OR

International organizations/ OR

multinational corporations/ OR

NGOs/ OR

nonprofit organizations/ OR

professional organizations/ OR

stakeholder/) AND

(community attitudes/ OR

consumer attitudes/ OR

conversation analysis.ti,ab,id. OR

dialogic conversation.ti,ab,id. OR

dialogue.ti,ab,id. OR

discourse.ti,ab,id. OR

organizational communication.ti,ab,id. OR

public opinion/ OR

public relations/)))

**Results: 2.225 (July 12, 2017)**

**#1 AND #2 = 299 => peer reviewed 237 (July 7, 2017)**

**Communication & Mass Media Complete**

**#1 Online**

AB(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR KW(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR SU(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR TI(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube)

**Results: 185.365 (July 12, 2017)**

**#2 Communicative relationship of organizations**

AB(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR KW(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR SU(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR TI(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”)))

**Results: 4.363 (July 12, 2017)**

**#1 AND #2 = 1.111 => peer reviewed 637 (July 12, 2017)**

**Business Source Premier**

**#1 Online**

AB(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR KW(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR SU(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR TI(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube)

**Results: 3.409.880 (July 12, 2017)**

**#2 Communicative relationship of organizations**

AB(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR KW(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR SU(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”))) OR TI(relation\* AND (“customer relation\*” OR (“business organization\*” OR companies OR corporate OR corporation\* OR “International organizations” OR multinational\* OR “multinational corporations” OR NGO\* OR “nonprofit organizations” OR “professional organizations” OR stakeholder\*) AND (“community attitudes” OR “consumer attitudes” OR “conversation analysis” OR “dialogic conversation” OR “public opinion” OR “public relation\*”)))

**Results: 63.103 (July 12, 2017)**

**#3 Measurement**

AB(measur\* OR evaluat\* OR analy\* OR assess\*) OR KW(measur\* OR evaluat\* OR analy\* OR assess\*) OR SU(measur\* OR evaluat\* OR analy\* OR assess\*) OR TI (measur\* OR evaluat\* OR analy\* OR assess\*)

**Results: 2.349.678 (July 12, 2017)**

**#1 AND #2 AND #3 = 4.204 => peer reviewed 1.759 (July 12, 2017)**

**Sociological Abstracts**

**#1 Online**

AB(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR TI(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR SU(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR IF(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube)

**Results: 182.254 (July 12, 2017)**

**#2 Communicative relationship of organizations**

(AB(relation\*) OR TI(relation\*) OR SU(relation\*) OR IF(relation\*)) AND (AB(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR TI(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR SU(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR IF(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))))

**Results: 1.587 (July 12, 2017)**

**#3 Measurement**

AB(measur\* OR evaluat\* OR analy\* OR assess\*) OR TI(measur\* OR evaluat\* OR analy\* OR assess\*) OR SU(measur\* OR evaluat\* OR analy\* OR assess\*) OR IF(measur\* OR evaluat\* OR analy\* OR assess\*)

**Results: 548.905 (July 12, 2017)**

**#1 AND #2 AND #3 = 294 => peer reviewed 119 (July 12, 2017)**

**Worldwide Political Science Abstracts**

**#1 Online**

AB(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR TI(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR SU(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube) OR IF(audiovisual OR avatar OR blog\* OR “cell\* phones” OR chat\* OR computer\* OR device\* OR digital OR electronic\* OR email\* OR facebook OR google OR handheld\* OR hypermedia OR “information technology” OR internet OR iphone\* OR ipod\* OR laptop\* OR micro\* OR mobile OR multimedia OR myspace OR network\* OR online OR OSN OR “second life” OR SNS\* OR site\* OR software OR tablet\* OR tagged OR “text messag\*” OR texting OR twitter OR video\* OR web\* OR youtube)

**Results: 82.307 (July 12, 2017)**

**#2 Communicative relationship of organizations**

(AB(relation\*) OR TI(relation\*) OR SU(relation\*) OR IF(relation\*)) AND (AB(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR TI(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR SU(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))) OR IF(("customer relation\*" OR ("business organization\*" OR companies OR corporate OR corporation\* OR "International organizations" OR multinational\* OR "multinational corporations" OR NGO\* OR "nonprofit organizations" OR "professional organizations" OR stakeholder\*) AND ("community attitudes" OR "consumer attitudes" OR "conversation analysis" OR "dialogic conversation" OR dialogue OR discourse OR "organizational communication" OR "public opinion" OR "public relation\*"))))

**Results: 1.222 (July 12, 2017)**

**#3 Measurement**

AB(measur\* OR evaluat\* OR analy\* OR assess\*) OR TI(measur\* OR evaluat\* OR analy\* OR assess\*) OR SU(measur\* OR evaluat\* OR analy\* OR assess\*) OR IF(measur\* OR evaluat\* OR analy\* OR assess\*)

**Results: 295.251 (July 12, 2017)**

**#1 AND #2 AND #3 = 172 => peer reviewed 77 (July 12, 2017)**

**B. Coding sheet**

|  |
| --- |
| FORMAL VARIABLES |
| ID | **Variable** | **Coding rules** |
| V1 | Author affiliation | Open code |
| V2 | Database | Communication and Mass Media Complete, Business Source Premier,PsychINFO, Political Abstracts Worldwide, Sociological Abstracts |
| V3 | Authors | Open code |
| V4 | Journal | Open code |
| V5 | Year | Open code |
| V6 | Title | Open code |
| CONTENT VARIABLES: CONCEPTUAL CRITERIA |
| ID | **Variable** | **Coding rules** |
| *Relationships* |  |
| V7 | Definitions of relaitonship | Open code |
| V8 | Reference of definition | Open code |
| V9 | First reference given in theory section on relaitonships | Open code |
| V10 | Concept of relationship | Open code |
| *Relationship context* |  |
| V11 | Organization/Stakeholder | Activist group, Customer, Employee, Environmental NGO, Government organization or agency, Grassroots organization, Human rights NGO, If business: sector (open code), Investor, Journalist, Multinational corporation, Other form of company, Other NGO, Political party, Privately owned company, Religious group, SME (small and medium sized enterprise), Supplier (company), Other: open code |
| V12 | Organization/Stakeholder | Activist group, Customer, Employee, Environmental NGO, Government organization or agency, Grassroots organization, Human rights NGO, If business: sector (open code), Investor, Journalist, Multinational corporation, Other form of company, Other NGO, Political party, Privately owned company, Religious group, SME (small and medium sized enterprise), Supplier (company), Other: open code |
| V13 | Channel | Blog, Facebook, Forum, Internet, Mobile phone, Twitter, Website, Youtube, Other social media, Other: open code |
| CONTENT VARIABLES: EMPIRICAL CONDITIONS |
| V14 | Research Design | Qualitative, Quantitative, Mixed Methods |
| V15 | Method | Case study, discourse analysis, focus group, laboratory experiment, online experiment, qualitative content analysis (incl. thematic analysis), qualitative interviews, also semi-structured interviewsquantitative content analysis, social network analysis , survey other (open code) |
| *Relationship Measurement* |  |
| V16 | Operationalization material | Clicks, codebook, comment, discourse analysis, like, network analysis, qualitative content analysis (incl. thematic analysis), retweet, scale |
| V17 | Source of measure | Newly developed (yes/no) |
| V18 | Unit of analysis | Blog, chat, clicks, comment, hyperlink, interview, like , network /connection/ tie, post, retweet, self-reported (survey), tweet, webiste,Other: open code |
| V19 | Underlying measurement concept | Commitment, communality, customer satisfaction, other satisfaction, dialogue/dialogic principles, engagement, legitimacy, loyalty, organization-public relationships OPR, relationship quality, responsiveness, satisfaction, stewardship, trust, two-way symmetric communication, Other: open code |
| V20 | Relationship as DV | Yes/no/NA |
| V21 | Study’s DVs | Costs/expenses, Intention to purchase, Loyalty, OPR, Relationship quality, Reputation, Retention (of customers), Return, Satisfaction, NA |
| V22 | Relationship as IV | Yes/no/NA |
| V23 | Study’s IVs | Costs/expenses, Intention to purchase, Loyalty, OPR, Relationship quality, Reputation, Retention (of customers), Return, Satisfaction, NA |
| V24 | Relationship as mediator | Yes/no/NA |
| V25 | Relationship as moderator | Yes/no/NA |
| CONTENT VARIABLES: EVALUATIVE STANDARDS |
| V26 | Goals stated in relationship definitions | Open code (relates to V7) |
| V27 | Organization’s benefits | Open code |
| V28 | Stakeholder’s benefits | Open code |
| QUALITY ASSESSMENT |
| V29 | RQs/Hypotheses | Yes/no/NA |
| V30 | Representative sample | Yes/no/NA |
| V31 | Sample adjustments | Yes/no |
| V32 | Response rate | Yes/no/NA |
| V33 | Control variables | Yes/no/NA |
| V34 | Manipulation checks | Yes/no/NA |
| V35 | Debriefing | Yes/no/NA |
| V36 | Data analysis | Yes/no |
| V37 | Data access | Yes/no |
| V38 | Appropriateness of study design & method | Coder rating: 1-3: weak– moderate - strong |
| V39 | Quality of communication | Coder rating: 1-3: weak– moderate - strong |
| V40 | Overall study quality | Coder rating: 1-3: weak– moderate - strong |

**C. Articles included in systematic review**

Bauer, H. H., Grether, M., & Leach, M. (2002). Building customer relations over the Internet. *Industrial Marketing Management*, *31*, 155–163, doi: 10.1016/S0019-8501(01)00186-9.

“Bryan” Jean, R.-J., Sinkovics, R. R., & Kim, D. (2014). The impact of technological, organizational and environmental characteristics on electronic collaboration and relationship performance in international customer–supplier relationships. *Information & Management*, *51*, 854–864, doi: 10.1016/j.im.2014.08.002.

Byrd, S. (2012). Hi fans! Tell us your story!: Incorporating a stewardship‐based social media strategy to maintain brand reputation during a crisis. *Corporate Communications: An International Journal*, *17*, 241–254, doi: 10.1108/13563281211253502.

Casaló, L. V., Flavián, C., & Guinalíu, M. (2010). Relationship quality, community promotion and brand loyalty in virtual communities: Evidence from free software communities. *International Journal of Information Management*, *30*, 357–367, doi: 10.1016/j.ijinfomgt.2010.01.004.

Chae-Eon Lee, Gwangyong Gim, & Boonghee Yoo. (2009). The Effect of Relationship Quality on Citizen Satisfaction with Electronic Government Services. *Marketing Management Journal*, *19*, 118–129.

Chen, S.-C., & Lin, C.-P. (2015). The impact of customer experience and perceived value on sustainable social relationship in blogs: An empirical study. *Technological Forecasting and Social Change*, *96*, 40–50, doi: 10.1016/j.techfore.2014.11.011.

Cho, J. (2006). The mechanism of trust and distrust formation and their relational outcomes. *Journal of Retailing*, *82*, 25–35, doi: 10.1016/j.jretai.2005.11.002.

Choudhury, M. M., & Harrigan, P. (2014). CRM to social CRM: the integration of new technologies into customer relationship management. *Journal of Strategic Marketing*, *22*, 149–176, doi: 10.1080/0965254X.2013.876069.

Clark, A. F., Maxwell, S. P., & Anestaki, A. (2016). Bach, Beethoven, and benefactors: Facebook engagement between symphonies and their stakeholders. *International Journal of Nonprofit and Voluntary Sector Marketing*, *21*, 96–108, doi: 10.1002/nvsm.1545.

Colleoni, E. (2013). CSR communication strategies for organizational legitimacy in social media. *Corporate Communications: An International Journal*, *18*, 228–248, doi: 10.1108/13563281311319508.

Confos, N., & Davis, T. (2016). Young consumer-brand relationship building potential using digital marketing. *European Journal of Marketing*, *50*, 1993–2017, doi: 10.1108/EJM-07-2015-0430.

Coronado, G., & Fallon, W. (2010). Giving with one hand: On the mining sector’s treatment of indigenous stakeholders in the name of CSR. *International Journal of Sociology and Social Policy*, *30*, 666–682, doi: 10.1108/01443331011085259.

Dantas, D. C., & Carrillat, F. (2013). The relational benefits of personalized communications in an online environment. *Canadian Journal of Administrative Sciences / Revue Canadienne Des Sciences de l’Administration*, *30*, 189–202, doi: 10.1002/cjas.1254.

Frasquet, M., Ruiz-Molina, M.-E., & Molla-Descals, A. (2015). The role of the brand in driving online loyalty for multichannel retailers. *The International Review of Retail, Distribution and Consumer Research*, *25*, 490–502, doi: 10.1080/09593969.2015.1081100.

Grégoire, Y., Tripp, T. M., & Legoux, R. (2009). When Customer Love Turns into Lasting Hate:The Effects of Relationship Strength and Time on Customer Revenge and Avoidance. *Journal of Marketing*, *73*, 18–32, doi: 10.1509/jmkg.73.6.18.

Gummerus, J., Liljander, V., Weman, E., & Pihlström, M. (2012). Customer engagement in a Facebook brand community. *Management Research Review*, *35*, 857–877, doi: 10.1108/01409171211256578.

Haigh, M. M., Brubaker, P., & Whiteside, E. (2013). Facebook: examining the information presented and its impact on stakeholders. *Corporate Communications: An International Journal*, *18*, 52–69, doi: 10.1108/13563281311294128.

Haigh, M. M., & Wigley, S. (2015). Examining the impact of negative, user-generated content on stakeholders. *Corporate Communications: An International Journal*, *20*, 63–75, doi: 10.1108/CCIJ-02-2013-0010.

Harrigan, P., Soutar, G., Choudhury, M. M., & Lowe, M. (2015). Modelling CRM in a social media age. *Australasian Marketing Journal (AMJ)*, *23*, 27–37, doi: 10.1016/j.ausmj.2014.11.001.

Heldal, F., Sjøvold, E., & Heldal, A. F. (2004). Success on the Internet—optimizing relationships through the corporate site. *International Journal of Information Management*, *24*, 115–129, doi: 10.1016/j.ijinfomgt.2003.12.010.

Herington, C., & Weaven, S. (2007). Can banks improve customer relationships with high quality online services? *Managing Service Quality: An International Journal*, *17*, 404–427, doi: 10.1108/09604520710760544.

Himelboim, D. I., Golan, G. J., Moon, B. B., & Suto, R. J. (2014). A Social Networks Approach to Public Relations on Twitter: Social Mediators and Mediated Public Relations. *Journal of Public Relations Research*, *26*, 359–379, doi: 10.1080/1062726X.2014.908724.

Holloway, B. B., Wang, S., & Beatty, S. E. (2009). Betrayal? Relationship quality implications in service recovery. *Journal of Services Marketing*, *23*, 385–396, doi: 10.1108/08876040910985861.

Hsu, L.-C., Wang, K.-Y., & Chih, W.-H. (2013). Effects of web site characteristics on customer loyalty in B2B e-commerce: evidence from Taiwan. *The Service Industries Journal*, *33*, 1026–1050, doi: 10.1080/02642069.2011.624595.

Jahn, B., & KUNZ, W. (2012). How to Transform Consumers into Fans of Your Brand. *Journal of Service Management*, *23*, 344–361, doi: 10.1108/09564231211248444.

Jo, S. (2005). The Effect of Online Media Credibility on Trust Relationships. *Journal of Website Promotion*, *1*, 57–78, doi: 10.1300/J238v01n02-04.

Jo, S., & Kim, Y. (2003). The Effect of Web Characteristics on Relationship Building. *Journal of Public Relations Research*, *15*, 199–223, doi: 10.1207/S1532754XJPRR1503\_1.

Kearns, R., & Hair, N. (2008). Consumer Perceptions of Business-to-Consumer Relationships in Electronic Retail Environments: A Means–End Chain Approach. *Journal of Relationship Marketing*, *7*, 5–27, doi: 10.1080/15332660802067841.

Kelleher, T. (2009). Conversational Voice, Communicated Commitment, and Public Relations Outcomes in Interactive Online Communication. *Journal of Communication*, *59*, 172–188, doi: 10.1111/j.1460-2466.2008.01410.x.

Kent, M. L., Taylor, M., & White, W. J. (2003). The relationship between Web site design and organizational responsiveness to stakeholders. *Public Relations Review*, *29*, 63–77, doi: 10.1016/S0363-8111(02)00194-7.

Khan, Z., & Khattak, A. (2017). Developing Brand Relationship Quality through Online Brand Communities. *Pakistan Journal of Commerce and Social Sciences*, *11*, 374–391.

Ki, E.-J., & Hon, L. C. (2006). Relationship maintenance strategies on Fortune 500 company web sites. *Journal of Communication Management*, *10*, 27–43, doi: 10.1108/13632540610646355.

Kim, S., Park, J.-H., & Wertz, E. K. (2010). Expectation gaps between stakeholders and web-based corporate public relations efforts: Focusing on Fortune 500 corporate web sites. *Public Relations Review*, *36*(3), 215–221, doi: 10.1016/j.pubrev.2010.04.001.

Kozlenkova, I. V., Palmatier, R. W., Fang, E. (Er), Xiao, B., & Huang, M. (2017). Online Relationship Formation. *Journal of Marketing*, *81*, 21–40, doi: 10.1509/jm.15.0430.

Kwon, E. S., Kim, E., Sung, Y., & Yoo, C. Y. (2014). Brand followers. *International Journal of Advertising*, *33*, 657–680, doi: 10.2501/IJA-33-4-657-680.

Lee, H., & Park, H. (2013). Testing the Impact of Message Interactivity on Relationship Management and Organizational Reputation. *Journal of Public Relations Research*, *25*, 188–206, doi: 10.1080/1062726X.2013.739103.

Li, C.-H., & Chang, C.-M. (2016). The influence of trust and perceived playfulness on the relationship commitment of hospitality online social network-moderating effects of gender. *International Journal of Contemporary Hospitality Management*, *28*, 924–944, doi: 10.1108/IJCHM-05-2014-0227.

Ma, L., Sun, B., & Kekre, S. (2015). The Squeaky Wheel Gets the Grease—An Empirical Analysis of Customer Voice and Firm Intervention on Twitter. *Marketing Science*, *34*, 627–645, doi: 10.1287/mksc.2015.0912.

Medberg, G., & Heinonen, K. (2014). Invisible value formation: a netnography in retail banking. *International Journal of Bank Marketing*, *32*, 590–607, doi: 10.1108/IJBM-03-2014-0041.

Men, L. R., & Tsai, W.-H. S. (2014). Perceptual, Attitudinal, and Behavioral Outcomes of Organization–Public Engagement on Corporate Social Networking Sites. *Journal of Public Relations Research*, *26*, 417–435, doi: 10.1080/1062726X.2014.951047.

Men, L. R., & Tsai, W.-H. S. (2015). Infusing social media with humanity: Corporate character, public engagement, and relational outcomes. *Public Relations Review*, *41*, 395–403, doi: 10.1016/j.pubrev.2015.02.005.

Men, L. R., & Tsai, W.-H. S. (2016). Public engagement with CEOs on social media: Motivations and relational outcomes. *Public Relations Review*, *42*, 932–942, doi: 10.1016/j.pubrev.2016.08.001.

Mirpuri, D. G., & Narwani, S. A. (2012). Measuring Relationship Quality Towards the Generation Y Market in the Mobile Telecommunications Industry - an Empirical Study. *Journal of Services Research*, *12*, 57–79.

Mukherjee, A., & Nath, P. (2007). Role of electronic trust in online retailing: A re‐examination of the commitment‐trust theory. *European Journal of Marketing*, *41*, 1173–1202, doi: 10.1108/03090560710773390.

O’Connor, A., & Shumate, M. (2018). A multidimensional network approach to strategic communication. *International Journal of Strategic Communication*, *12*(4), 399-416.

Ordanini, A. (2011). The Ties That Bind: How Cooperative Norms and Readiness to Change Shape the Role of Established Relationships in Business-to-Business E-Commerce. *Journal of Business-to-Business Marketing*, *18*, 276–304, doi: 10.1080/1051712X.2011.541379.

Palvia, P. (2009). The role of trust in e-commerce relational exchange: A unified model. *Information & Management*, *46*, 213–220, doi: 10.1016/j.im.2009.02.003.

Park, H., & Reber, B. H. (2008). Relationship building and the use of Web sites: How Fortune 500 corporations use their Web sites to build relationships. *Public Relations Review*, *34*, 409–411, doi: 10.1016/j.pubrev.2008.06.006.

Parry, S., Kupiec‐Teahan, B., & Rowley, J. (2011). Exploring marketing and relationships in software SMEs: A mixed methods approach. *Management Research Review*, *35*, 52–68, doi: 10.1108/01409171211190805.

Pera, R., & Viglia, G. (2016). Exploring How Video Digital Storytelling Builds Relationship Experiences. *Psychology & Marketing*, *33*, 1142–1150, doi: 10.1002/mar.20951.

Pettigrew, J. E., & Reber, B. H. (2010). The New Dynamic in Corporate Media Relations: How Fortune 500 Companies Are Using Virtual Press Rooms to Engage the Press. *Journal of Public Relations Research*, *22*, 404–428, doi: 10.1080/10627261003801412.

Popp, B., Wilson, B., Horbel, C., & Woratschek, H. (2016). Relationship building through Facebook brand pages: the multifaceted roles of identification, satisfaction, and perceived relationship investment. *Journal of Strategic Marketing*, *24*, 278–294, doi: 10.1080/0965254X.2015.1095226.

Proença, J. F., Silva, M. M., & Fernandes, T. (2010). The impact of the Internet upon bank marketing. *Journal of Financial Services Marketing*, *15*, 160–175, doi: 10.1057/fsm.2010.12.

Rishika, R., Kumar, A., Janakiraman, R., & Bezawada, R. (2012). The Effect of Customers’ Social Media Participation on Customer Visit Frequency and Profitability: An Empirical Investigation. *Information Systems Research*, *24*, 108–127, doi: 10.1287/isre.1120.0460.

Rodriguez, N. S. (2016). Communicating global inequalities: How LGBTI asylum-specific NGOs use social media as public relations. *Public Relations Review*, *42*, 322–332, doi: 10.1016/j.pubrev.2015.12.002.

Romenti, S., Valentini, C., Murtarelli, G., & Meggiorin, K. (2016). Measuring online dialogic conversations’ quality: a scale development. *Journal of Communication Management*, *20*, 328–346, doi: 10.1108/JCOM-11-2015-0090.

Roy, S. K., & Eshghi, A. (2013). Does relationship quality matter in service relationships? *Journal of Strategic Marketing*, *21*, 443–458, doi: 10.1080/0965254X.2013.801612.

Saffer, A. J., Sommerfeldt, E. J., & Taylor, M. (2013). The effects of organizational Twitter interactivity on organization–public relationships. *Public Relations Review*, *39*, 213–215, doi: 10.1016/j.pubrev.2013.02.005.

Sanchez-Franco, M., & Rondan-Cataluña, F. J. (2010). Connection between customer emotions and relationship quality in online music services. *Behaviour & Information Technology*, *29*, 633–651, doi: 10.1080/01449290903235343.

Santouridis, I., & Veraki, A. (2017). Customer relationship management and customer satisfaction: the mediating role of relationship quality. *Total Quality Management & Business Excellence*, *28*, 1122–1133, doi: 10.1080/14783363.2017.1303889.

Shin, W., Pang, A., & Kim, H. J. (2015). Building Relationships Through Integrated Online Media: Global Organizations’ Use of Brand Web Sites, Facebook, and Twitter. *Journal of Business and Technical Communication*, *29,* 184–220, doi: 10.1177/1050651914560569.

Sisson, D. C. (2017). Control mutuality, social media, and organization-public relationships: A study of local animal welfare organizations’ donors. *Public Relations Review*, *43*, 179–189, doi: 10.1016/j.pubrev.2016.10.007.

Smitko, K. (2012). Donor engagement through Twitter. *Public Relations Review*, *38*, 633–635, doi: 10.1016/j.pubrev.2012.05.012.

Sundstrom, B., & Levenshus, A. B. (2017). The art of engagement: dialogic strategies on Twitter. *Journal of Communication Management*, *21*, 17–33, doi: 10.1108/JCOM-07-2015-0057.

Vorvoreanu, M. (2008). Website Experience Analysis: A New Research Protocol for Studying Relationship Building on Corporate Websites. *Journal of Website Promotion*, *3*, 222–249, doi: 10.1080/15533610802077313.

Walter, A., & Ritter, T. (2005). Information Technology Competence and Value Creation in Supplier-Customer Relationships. *Journal of Relationship Marketing*, *3*, 45–59, doi: 10.1300/J366v03n04\_04.

Wang, F., & Head, M. (2007). How can the Web help build customer relationships?: An empirical study on e-tailing. *Information & Management*, *44*, 115–129, doi: 10.1016/j.im.2006.10.008.

Waters, R. D. (2011). Redefining stewardship: Examining how Fortune 100 organizations use stewardship with virtual stakeholders. *Public Relations Review*, *37*, 129–136, doi: 10.1016/j.pubrev.2011.02.002.

Waters, R., & Lord, M. (2009). Examining how advocacy groups build relationships on the Internet. *International Journal of Nonprofit and Voluntary Sector Marketing*, *14*, 231–241, doi: 10.1002/nvsm.354.

Waters, R., S Friedman, C., Mills, B., & Zeng, L. (2011). Applying Relationship Management Theory to Religious Organizations: An Assessment of Relationship Cultivation Online. *Journal of Communication and Religion*, *34*, 88–104.

Yang, A., & Taylor, M. (2010). Relationship-building by Chinese ENGOs’ websites: Education, not activation. *Public Relations Review*, *36*, 342–351, doi: 10.1016/j.pubrev.2010.07.001.

Yoon, D., Choi, S. M., & Sohn, D. (2008). Building customer relationships in an electronic age: The role of interactivity of E-commerce Web sites. *Psychology and Marketing*, *25*, 602–618, doi: 10.1002/mar.20227.

Zhang, R., Li, G., Wang, Z., & Wang, H. (2016). Relationship value based on customer equity influences on online group-buying customer loyalty. *Journal of Business Research*, *69*, 3820–3826, doi: 10.1016/j.jbusres.2015.12.074.