8

|  |  |  |
| --- | --- | --- |
| Categories of the context |  | Author and Year of Publication |
| Theoretical | 8 | Kesuma, A. T., Harun, Zamroni, Putranta, H., & Kistoro, H. C. A. (2020)  Hays, L., & Handler, K. (2020)  Andrade, M. S. (2020)  Iaconelli, R., & Wolters, C. A. (2020)  Rovers, S. F. E., Clarebout, G., Savelberg, H. H. C. M., de Bruin, A. B. H., & van Merriënboer, J. J. G. (2019)  Gafaro, B. C. (2019)  Vrieling, E., Stijnen, S., & Bastiaens, T. (2018)  Jansen, R. S., van Leeuwen, A., Janssen, J., Kester, L., & Kalz, M. (2017) |
| Change in teaching and learning | 55 | Dindar, M., Malmberg, J., Järvelä, S., Haataja, E., & Kirschner, P. A. (2020) Code, J. (2020)  Bahri, A., Idris, I. S., Muis, H., Arifuddin, M., & Fikri, M. J. N. (2020) van Alten, Phielix, Janssen & Kester (2020)  Chou & Zou (2020)  Letina (2020)  Uka & Uka (2020)  Jivet, Scheffel, Schmitz, Robbers, Specht & Drachsler (2020)  Panadero, Ruiz, García-Pérez, & Centeno (2020)  Salinas & De-Benito (2020)  Karlen, Hertel & Hirt (2020)  Li, Abrar-ul-Hassan & Gao (2020)  Harwood & Koyama (2020)  Sulisworo, Fatimah, Sunaryati & Sanidi (2020)  Chong, Tam, Yau, & Wong (2020)  Zheng & Zhang (2020)  Al-Shanfari, Demmans Epp, Baber & Nazir (2020)  Al Mulhim (2020)  Pravesti, Wiyono, Handarini, Triyono & Atmoko (2020)  Zarouk, Olivera & Khaldi (2020)  Cervin-Ellqvist, Larsson, Adawi, Stöhr & Negretti (2020)  Onah, Pang, & Sinclair (2020)  Lim, Jalil, Marof & Saad 2020)  Al-Abdullatif (2020)  Hariri, Karwan, Haenilah, Rini & Suparman (2020)  Zheng, Ward & Stanulis (2020)  Zalli, Nordin & Hashim (2020)  Ebbert & Dutke (2020)  Baldan Babayigit & Guven (2020)  Järvelä, Järvenoja & Malmberg (2019)  Simanjuntak, Nawangsari & Ardi (2019)  Matsuyama, Nakaya, Okazaki, Lebowitz, Leppink & van der Vleuten (2019)  Harding, English, Nibali, Griffin, Graham, Alom & Zhang (2019)  Nuankaew, Nuankaew, Teeraputon, Phanniphong & Bussaman (2019)  Hirsto, Väisänen & Arffman (2019)  Cerezo, Fernández, Amieiro, Valle, Rosário & Núñez (2019)  Corte (2019)  Ganda & Boruchovitch (2018)  Al-Hatem, Masood & Al-Samarraie (2018)  Natsis, Papadopoulos & Obwegeser (2018)  Ngugi & Goosen (2018) Sundaramoorthy (2018)  van Meeuwen, Brand-Gruwel, Kirschner, de Bock, & van Merriënboer, (2018*)*  Yot-Domínguez & Marcelo (2017)  Berkhout, Jeunissen, Helmich,van Exel, van der Vleuten & Jaarsma 2017)  Chaves-Barboza, Trujillo-Torres, López-Núñez & Sola-Martínez (2017)  Lee, Husman, Green & Brem (2016)  Endedijk, Brekelmans, Sleegers & Vermunt (2016)  Aleven, Roll, McLaren & Koedinger (2016)  Lucieer, van der Geest., Elói-Santos, de Faria, Jonker, Visscher, Rikers, & Themmen (2016)  Whiteside, Garrett Dikkers & Lewis (2016)  Abdullah (2016)  Yıldızlı & Saban (2016)  Demirören, Turan & Öztuna (2016) |
| E-learning learning | 22 | Hartley, K., Bendixen, L. D., Gianoutsos, D., & Shreve, E. (2020)  Garip, G., Seneviratne, S. R., & Iacovou, S. (2020)  Buono, S., Zdravkovic, A., Lazic, M., & Woodruff, E. (2020)  Elkot, M. A., & Ali, R. (2020)  Almoeather, R. (2020)  Beek, S. V. D., Bellhäser, H., & Hertel, S. (2020)  Wong, J., Khalil, M., Baars, M., de Koning, B. B., & Paas, F. (2019)  ter Beek, M., Opdenakker, M. -., Spijkerboer, A. W., Brummer, L., Ozinga, H. W., & Strijbos, J. -. (2019)  Hendikawati, P., Zahid, M. Z., & Arifudin, R. (2019)  Wiyarsi, A., Fitriyana, N., & Ikhsan, J. (2019)  Santoso, H. B., Hakim, M. L., Nursalamah, R. K., & Putra, P. O. H. (2019)  Lepp, A., Barkley, J. E., Karpinski, A. C., & Singh, S. (2019)  Lim, G., Shelley, A., & Heo, D. (2019)  Schwendimann, B. A., Kappeler, G., Mauroux, L., & Gurtner, J. -. (2018)  Engelen, J. A. A., Camp, G., van de Pol, J., & de Bruin, A. B. H. (2018)  Stiller, K. D., & Bachmaier, R. (2018)  Vaculíková, J. A. (2018)  Wandler, J. B., & Imbriale, W. J. (2017)  Lange, C., & Costley, J. (2017)  Barak, M., Hussein-Farraj, R., & Dori, Y. J. (2016)  Zheng, L. (2016)  Yeboah, A. K., & Smith, P. (2016) |
| Development of  training in different substances | 8 | Medina-Ramírez, R. I., Álamo-Arce, D. D., Rodriguez-Castro, F., Cecilio-Fernandes, D., Sandars, J., & Costa, M. J. (2020).  Pionera, M., Degeng, I. N. S., Widiati, U., & Setyosari, P. (2020)  Kartono, & Shora, R. Y. (2020)  Putri, E. R., Budiyono, & Indriati, D. (2020)  Goller, M., Harteis, C., Gijbels, D., & Donche, V. (2020)  Grothérus, A., Jeppsson, F., & Samuelsson, J. (2019)  Musso, M. F., Boekaerts, M., Segers, M., & Cascallar, E. C. (2019) Aminah, M., Kusumah, Y. S., Suryadi, D., & Sumarmo, U. (2018) |
| Disabilities and anxiety | 2 | Cerezo, R., Esteban, M., Vallejo, G., Sanchez-Santillan, M., & Nuñez, J. C. (2020) Pelch, M. (2018) |
| Personal traits competences and different backgrounds | 13 | Hong, W., Bernacki, M. L., & Perera, H. N. (2020)  Kryshko, O., Fleischer, J., Waldeyer, J., Wirth, J., & Leutner, D. (2020)  Tseng, S. -., Kang, H. -., Nguyen, T. S., & Liu, M. -. (2020)  Antúnez, A., del Henar Pérez-Herrero, M., Rosário, P., Vallejo, G., & Núñez, J. C.  (2020)  Hertel, S., & Karlen, Y. (2020)  Seroussi, D. -., & Yaffe, Y. (2020)  Zambrano-Matamala, Z. -., Rojas-Díaz, R. -., Díaz-Mujica, D. -., & Perez- Guardado, M. S. R., & González, M. L. G. (2020)  Palos, R., Magurean, S., & Petrovici, M. C. (2019)  Ejubović, A., & Puška, A. (2019)  Stiller, K. D., & Bachmaier, R. (2019)  Vaculikovà J. (2018)  Navea Martín, A. (2018) Ergen, B., & Kanadli, S. (2017) |
| **Total number of articles** | **108** |  |