

The relation between 21st-century skills and digital skills

Computers in Human Behavior

72, 577-588

DOI: [10.1016/j.chb.2017.03.010](https://doi.org/10.1016/j.chb.2017.03.010)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Critical success factors of information system development projects. , 2017, , .		7
2	Teaching in a Digital Environment (TIDE): Defining and measuring teachers' capacity to develop students' digital information and communication skills. Computers and Education, 2018, 121, 162-174.	5.1	108
3	Doing Business in Europe. Contributions To Management Science, 2018, , .	0.4	5
4	EU Policy for Digital Society. Contributions To Management Science, 2018, , 195-212.	0.4	1
5	Teachersâ€™ conceptualization and enactment of twenty-first century competences: exploring dimensions for new curricula. Curriculum Journal, 2018, 29, 116-133.	1.0	74
6	Risky business: Experiential learning, information and communications technology, and risk-taking attitudes in entrepreneurship education. International Journal of Management Education, 2018, 16, 224-238.	2.2	37
7	Any Thing for Anyone? A New Digital Divide in Internetâ€™Things Skills. Policy and Internet, 2018, 10, 122-140.	2.0	82
8	A new educational pattern in response to new technologies and sustainable development. Enlightening ICT skills for youth employability in the European Union. Telematics and Informatics, 2018, 35, 1031-1038.	3.5	51
9	Technological Factors and Student-to-Student Connected Classroom Climate in Cloud Classrooms. Journal of Educational Computing Research, 2018, 56, 826-847.	3.6	23
10	The importance of attitudes toward technology for pre-service teachers' technological, pedagogical, and content knowledge: Comparing structural equation modeling approaches. Computers in Human Behavior, 2018, 80, 67-80.	5.1	138
11	Current E-Government Public Service on User Experience Perspective in Indonesia. , 2018, , .		2
12	The disruptive impact of future advanced ICTs on maritime transport: a systematic review. Supply Chain Management, 2018, 25, 157-175.	3.7	19
13	Understanding the Effect of Digital Literacy on Employees' Digital Workplace Continuance Intentions and Individual Performance. International Journal of Digital Literacy and Digital Competence, 2018, 9, 15-33.	0.1	20
14	ICT and the UNâ€™s Sustainable Development Goal for Education: Using ICT to Boost the Math Performance of Immigrant Youths in the US. Sustainability, 2018, 10, 4584.	1.6	17
15	Traceability of Intra- and Interpersonal Skills: From Education to Labor Market. , 0, , .		8
16	Big data management skills: accurate measurement. Research and Practice in Technology Enhanced Learning, 2018, 13, 5.	1.9	6
17	New Trends in Mobile Technologies Education in Slovakia: An Empirical Study. , 2018, , .		3
18	From 21st Century Skills to Global Skills. , 2018, , 63-85.		0

#	ARTICLE	IF	CITATIONS
19	A framework of integrating environmental science courses based to 21st century skills standards for prospective science teachers. AIP Conference Proceedings, 2018, , .	0.3	1
20	A Systematic Literature Review of 21st Century Skills and Competencies in Primary Education. International Journal of Instruction, 2018, 11, 1-16.	0.6	139
21	Opening the Black-Box in Lifelong E-Learning for Employability: A Framework for a Socio-Technical E-Learning Employability System of Measurement (STELEM). Sustainability, 2018, 10, 1014.	1.6	12
22	Design and Development of SECI and Moodle Online Learning Systems to Enhance Thinking and Innovation Skills for Higher Education Learners. International Journal of Emerging Technologies in Learning, 2018, 13, 154.	0.8	26
23	21st-century digital skills instrument aimed at working professionals: Conceptual development and empirical validation. Telematics and Informatics, 2018, 35, 2184-2200.	3.5	58
24	Media skill classification for multimedia digital workforce using decision tree. , 2018, , .		0
25	Interpersonal communication competence and digital citizenship among pre-service teachers in Chinaâ€™s teacher preparation programs. Journal of Moral Education, 2019, 48, 179-198.	0.9	29
26	Influences on purposeful implementation of ICT into the classroom: An exploratory study of K-12 teachers. Education and Information Technologies, 2019, 24, 63-77.	3.5	26
27	Conceptual: Digital Book in the Era of Digital Learning Approaches (DLA). IOP Conference Series: Earth and Environmental Science, 0, 243, 012107.	0.2	4
28	Media Competence: Enabling for Digitization. , 2019, , .		3
29	An Investigation of 21st-Century Digital Skills on Digital Citizenship Among College Students. , 2019, , .		7
30	Are Teachers and Schools Ready to Accept Computer Science as a Graduation Requirement?. Journal of Research on Technology in Education, 2019, 51, 311-325.	4.0	3
31	Development and Validation of an Instrument for Measuring Digital Empowerment of Primary School Students. , 2019, , .		6
32	Determinants of 21st-century digital skills: A large-scale survey among working professionals. Computers in Human Behavior, 2019, 100, 93-104.	5.1	107
33	Preparing work-ready graduates â€“ skills development lessons learnt from internal audit practice. Journal of Accounting Education, 2019, 48, 33-47.	0.9	30
34	Equipped or not? Investigating pre-service teachersâ€™ 21st century skills. Asia Pacific Journal of Education, 2019, 39, 451-468.	1.2	8
35	The strategically ambiguous assignment: an approach to promoting critical and creative thinking in visual communication. Journal of Visual Literacy, 2019, 38, 285-304.	0.2	3
36	Teaching development for SMART devices with focus on future key skills. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Exploring Ambivalence in Technological Embeddedness: The Role of Technological Competence and Dependence in the Information Gap. <i>Journal of Broadcasting and Electronic Media</i> , 2019, 63, 433-454.	0.8	0
38	Social Networking and Its Role in Media Entrepreneurship. <i>Journal of Media Management and Entrepreneurship</i> , 2019, 1, 73-86.	0.2	43
39	Youth Unemployment in South Africa and the Socio-economic Capabilities from Mobile Phones. <i>Communications in Computer and Information Science</i> , 2019, , 77-93.	0.4	0
40	Internet skills of medical faculty and students: is there a difference?. <i>BMC Medical Education</i> , 2019, 19, 39.	1.0	23
41	Who do I believe? Children's epistemic trust in internet, teacher, and peer informants. <i>Cognitive Development</i> , 2019, 50, 248-260.	0.7	24
42	How the flipped classroom affects knowledge, skills, and engagement in higher education: Effects on students' satisfaction. <i>Computers and Education</i> , 2019, 141, 103608.	5.1	126
43	The critical thinking effect of the computer simulation in the physics teaching and learning. <i>Journal of Physics: Conference Series</i> , 2019, 1157, 032003.	0.3	3
44	Lifelong learning: Formal, non-formal and informal learning in the context of the use of problem-solving skills in technology-rich environments. <i>British Journal of Educational Technology</i> , 2019, 50, 1759-1770.	3.9	36
45	The Four I-s of E-skills. , 2019, , .		0
46	Developing and Validating Measurement Instrument for Various Aspects of Digital economy. <i>International Journal of E-Services and Mobile Applications</i> , 2019, 11, 50-67.	0.6	8
47	A meta-analysis of media literacy interventions for deviant behaviors. <i>Computers and Education</i> , 2019, 139, 146-156.	5.1	25
48	Nursing Education and Nurse Education Research in Finland. , 2019, , 99-114.		3
49	The relation between students' socioeconomic status and ICT literacy: Findings from a meta-analysis. <i>Computers and Education</i> , 2019, 138, 13-32.	5.1	76
50	Improving Students' Information Problem-Solving Skills on the Web Through Explicit Instruction and the Use of Customized Search Software. <i>Journal of Research on Technology in Education</i> , 2019, 51, 217-238.	4.0	14
51	Defining digital literacy development: An examination of pre-service teachers' beliefs. <i>Computers and Education</i> , 2019, 138, 146-158.	5.1	73
52	Tracing research trends of 21st-century learning skills. <i>British Journal of Educational Technology</i> , 2019, 50, 3099-3118.	3.9	40
53	Students' Beliefs Regarding the Use of E-portfolio to Enhance Cognitive Skills in a Blended Learning Environment. <i>International Journal of Emerging Technologies in Learning</i> , 2019, 14, 85.	0.8	4
54	Development of Critical Thinking in Education: A Case Study on Hoax Messages. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	Packaging science and local wisdom in digital devices for primary school students: Challenges and obstacles. <i>Journal of Physics: Conference Series</i> , 2019, 1318, 012033.	0.3	7
56	Using problem-based worksheet on human reproductive system for improving student thinking skills. <i>Journal of Physics: Conference Series</i> , 2019, 1321, 032051.	0.3	1
57	Enhancing students activity and problem solving skill through CTL-based local wisdom approach. <i>Journal of Physics: Conference Series</i> , 2019, 1321, 032077.	0.3	3
58	Green Chemistry Based Interactive Multimedia on Acid-Base Concept. <i>Journal of Physics: Conference Series</i> , 2019, 1364, 012006.	0.3	3
59	15. Managing overtourism at the municipal/ destination level. , 2019, , 217-233.		3
60	Estructura de las competencias del siglo XXI en alumnado del Āmbito educativo. Factores personales influyentes. <i>Educaci3n XXI</i> , 2019, 23, .	0.3	15
61	EMPOWERING CREATIVE EMPLOYEES: PHASE-SPECIFIC SUPPORT IN THE FRONT-END OF INNOVATION. <i>International Journal of Innovation Management</i> , 2019, 23, 1940007.	0.7	1
62	Developing student 21st Century skills in selected exemplary inclusive STEM high schools. <i>International Journal of STEM Education</i> , 2019, 6, .	2.7	97
63	Digital competences, computer skills and information literacy in secondary education: mapping and visualization of trends and concepts. <i>Scientometrics</i> , 2019, 118, 479-498.	1.6	66
64	Investigating Teenage Studentsâ€™ Information Literacy in China: A Social Cognitive Theory Perspective. <i>Asia-Pacific Education Researcher</i> , 2019, 28, 251-263.	2.2	32
65	Understanding the continued use of flipped classroom instruction: a personal beliefs model in Chinese higher education. <i>Journal of Computing in Higher Education</i> , 2019, 31, 137-155.	3.9	25
66	Social Network Site Skills for Communication Professionals: Conceptualization, Operationalization, and an Empirical Investigation. <i>IEEE Transactions on Professional Communication</i> , 2019, 62, 43-54.	0.6	8
67	Understanding College Studentsâ€™ Acceptance of Cloud Classrooms in Flipped Instruction: Integrating UTAUT and Connected Classroom Climate. <i>Journal of Educational Computing Research</i> , 2019, 56, 1258-1276.	3.6	46
68	Social media competence and digital citizenship among college students. <i>Convergence</i> , 2019, 25, 735-752.	1.6	36
69	Metacognition in schools: what does the literature suggest about the effectiveness of teaching metacognition in schools?. <i>Educational Review</i> , 2019, 71, 483-500.	2.2	85
70	Teaching in an Inspiring Learning Space: an investigation of the extent to which one schoolâ€™s innovative learning environment has impacted on teachersâ€™ pedagogy and practice. <i>Research Papers in Education</i> , 2020, 35, 185-204.	1.7	15
71	Socio-technical e-learning innovation and ways of learning in the ICT-space-time continuum to improve the employability skills of adults. <i>Computers in Human Behavior</i> , 2020, 107, 105753.	5.1	21
72	Development of computational thinking, digital competence and 21<sup>st</sup> century skills when learning programming in K-9. <i>Education Inquiry</i> , 2020, 11, 1-17.	1.6	134

#	ARTICLE	IF	CITATIONS
73	Overcoming the digital divide with a modern approach to learning digital skills for the elderly adults. <i>Education and Information Technologies</i> , 2020, 25, 259-279.	3.5	70
74	A Quasi-Experimental Analysis of the Adult Learning Effect on Problem-Solving Skills. <i>Adult Education Quarterly</i> , 2020, 70, 6-25.	1.0	4
75	Digital competencies: A review of the literature and applications in the workplace. <i>Computers and Education</i> , 2020, 146, 103752.	5.1	137
77	Toward an integrative model for online incivility research: A review and synthesis of empirical studies on the antecedents and consequences of uncivil discussions online. <i>Telematics and Informatics</i> , 2020, 47, 101323.	3.5	8
78	Computational Thinking Education in the Asian Pacific Region. <i>Asia-Pacific Education Researcher</i> , 2020, 29, 1-8.	2.2	49
79	Understanding the Effectiveness of Higher Education System: Evidences from Market Outcomes of Early University Graduates in Seven European Countries. <i>Sustainability</i> , 2020, 12, 7761.	1.6	2
80	Exploring the structure of digital literacy competence assessed using authentic software applications. <i>Educational Technology Research and Development</i> , 2020, 68, 2991-3013.	2.0	15
81	How to apply IoT skills at home: Inequalities in cultural repertoires and its interdependency chains. <i>Poetics</i> , 2020, 83, 101486.	0.6	10
82	Social and health care educators' perceptions of competence in digital pedagogy: A qualitative descriptive study. <i>Nurse Education Today</i> , 2020, 92, 104521.	1.4	14
83	Re-imagining University Assessment in a Digital World. <i>The Enabling Power of Assessment</i> , 2020, , .	0.5	18
84	Information and communication technologies: Use and factors for success amongst academics in private and public universities in Nigeria. <i>South African Journal of Information Management</i> , 2020, 22, .	0.5	2
85	Re-imagining Technology Enhanced Learning. , 2020, , .		6
86	Understanding K-12 students' information literacy in informal learning environments: a literature review. <i>International Journal of Innovation and Learning</i> , 2020, 27, 432.	0.4	5
87	Education, inequality and use of digital collaborative platforms: The European case. <i>Economic and Labour Relations Review</i> , 2020, 31, 364-382.	0.9	11
88	Migrant entrepreneurship, social integration and development in Africa. <i>Journal of Small Business and Entrepreneurship</i> , 2023, 35, 413-449.	3.0	6
89	Educating for Comprehensive Well-being. <i>ECNU Review of Education</i> , 2020, 3, 406-436.	1.3	12
90	Integration of Industrial Revolution 4.0 and IOTs in academia: a state-of-the-art review on the concept of Education 4.0 in Pakistan. <i>Interactive Technology and Smart Education</i> , 2020, 17, 337-354.	3.8	27
91	Systems Thinking: A Review and Bibliometric Analysis. <i>Systems</i> , 2020, 8, 23.	1.2	51

#	ARTICLE	IF	CITATIONS
92	Determinants of digital skills in Northeast Anatolia, Turkey. <i>Journal of Multicultural Discourses</i> , 2020, 15, 148-164.	0.4	2
93	The Role of Special Job Fair in Distributing Competitive Graduates in the 21st Century. , 2020, , .		3
94	#SocialWorkEducation: A Computational Analysis of Social Work Programs on Twitter. <i>Journal of Social Work Education</i> , 2022, 58, 215-226.	0.5	3
95	Debates in English Language Education. <i>International Journal of Computer-Assisted Language Learning and Teaching</i> , 2020, 10, 33-50.	0.5	2
96	ADAPTABILITY AND ITS DISCONTENTS: 21ST-CENTURY SKILLS AND THE PREPARATION FOR AN UNPREDICTABLE FUTURE. <i>British Journal of Educational Studies</i> , 2021, 69, 393-413.	0.9	37
97	Three Studies on Learning to Learn in Finland: Anti-Flynn Effects 2001â€“2017. <i>Scandinavian Journal of Educational Research</i> , 2022, 66, 43-58.	1.0	7
98	Validation of the Smart City as a Sustainable Development Knowledge Tool: The Challenge of Using Technologies in Education during COVID-19. <i>Sustainability</i> , 2020, 12, 8384.	1.6	8
99	Understanding the role of employees in digital transformation: conceptualization of digital literacy of employees as a multi-dimensional organizational affordance. <i>Journal of Enterprise Information Management</i> , 2021, 34, 1649-1672.	4.4	92
100	A socio-technical model of autonomous vehicle adoption using ranked choice stated preference data. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 121, 102835.	3.9	42
101	Translanguaging, Decoloniality, and the Global South: An Integrative Review Study. <i>Scrutiny2</i> , 2020, 25, 6-42.	0.1	6
102	Implementation of big data analytics and Manufacturing Execution Systems: an empirical analysis in German-speaking countries. <i>Production Planning and Control</i> , 2022, 33, 261-276.	5.8	14
103	Development of the digital and socio-civic skills (DIGISOC) questionnaire. <i>Educational Technology Research and Development</i> , 2020, 68, 3327-3351.	2.0	17
104	â€œBig brother is watching youâ€: surveillance via technology undermines employeesâ€™ learning and voice behavior during digital transformation. <i>Journal of Business Economics</i> , 2021, 91, 565-594.	1.3	11
105	Citizensâ€™ Involvement in E-Government in the European Union: The Rising Importance of the Digital Skills. <i>Sustainability</i> , 2020, 12, 6807.	1.6	24
106	Rediscovering the use of chatbots in education: A systematic literature review. <i>Computer Applications in Engineering Education</i> , 2020, 28, 1549-1565.	2.2	121
107	Increasing the Studentsâ€™ ability of High Order Thinking Skill (HOTS) By Implementing of blended learning. <i>Journal of Physics: Conference Series</i> , 2020, 1539, 012061.	0.3	2
108	The Role of Music in 21st Century Education-Comparing Programming and Music Composing. , 2020, , .		2
109	Guardrails to Constructing Learning: the Potential of Open Microcredentials to Support Inquiry-Based Learning. <i>TechTrends</i> , 2020, 64, 828-838.	1.4	10

#	ARTICLE	IF	CITATIONS
110	WhatsApp and Google Drive Influence on Pre-service Studentsâ€™ Learning. <i>Frontiers in Education</i> , 2020, 5, .	1.2	7
111	Integration of ICTS and Digital Skills in Times of the Pandemic Covid-19. <i>International Journal of Higher Education</i> , 2020, 9, 11.	0.2	34
112	Implications of emerging technologies on the future of work. <i>IIMB Management Review</i> , 2020, 32, 448-454.	0.7	14
113	Framework for Web 2.0 implementation in higher education: Expertsâ€™ validation. <i>Higher Education Quarterly</i> , 2021, 75, 648-666.	1.8	4
114	Use of bungee jumping with stem approach to improve science process skills. <i>Journal of Physics: Conference Series</i> , 2020, 1480, 012073.	0.3	4
115	Ahead of the Curve: Leveraging Antecedents of Corporate Entrepreneurship to Pull Off Competitive Advantage. <i>Frontiers in Psychology</i> , 2020, 11, 531886.	1.1	3
116	The role of multidisciplinary in developing teachersâ€™ professional digital competence. <i>Nordic Journal of Comparative and International Education</i> , 2020, 4, 72-89.	0.2	1
117	Am I Fit for Tomorrowâ€™s Labor Market? The Effect of Graduatesâ€™ Skills Development during Higher Education for the 21st Centuryâ€™s Labor Market. <i>Sustainability</i> , 2020, 12, 7746.	1.6	20
118	The predictive validities of individual <sc>workingâ€™memory</sc> capacity profiles and <sc>noteâ€™taking</sc> strategies on online search performance. <i>Journal of Computer Assisted Learning</i> , 2020, 36, 876-889.	3.3	7
119	Smart HRM. , 2020, , .		11
120	Quality higher education is the foundation of a knowledge society: where does the UAE stand?. <i>Quality in Higher Education</i> , 2020, 26, 209-223.	0.6	19
121	Self-regulated learning strategies in higher education: Fostering digital literacy for sustainable lifelong learning. <i>Education and Information Technologies</i> , 2020, 25, 2393-2414.	3.5	76
122	Addressing Sustainable Development: Promoting Active Informed Citizenry through Trans-Contextual Science Education. <i>Sustainability</i> , 2020, 12, 3259.	1.6	17
123	The impact of technology development on the future of the labour market in the Slovak Republic. <i>Technology in Society</i> , 2020, 62, 101256.	4.8	41
124	Digital Competence of Tourism Students: Explanatory Power of Professional Training. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 310-326.	1.1	11
125	Analysis of Technological Pedagogical and Content Knowledge (TPACK) of Prospective Chemistry Teachers through Lesson Study. <i>Journal of Physics: Conference Series</i> , 2020, 1521, 042069.	0.3	4
126	Exploring the use of virtual reality by pre-service elementary teachers for teaching science in the elementary classroom. <i>Journal of Research on Technology in Education</i> , 2020, 52, 163-177.	4.0	13
127	Measuring digital literacy across three age cohorts: Exploring test dimensionality and performance differences. <i>Computers and Education</i> , 2020, 157, 103968.	5.1	63



#	ARTICLE	IF	CITATIONS
128	Analysis problem solving skills of student in Junior High School. Journal of Physics: Conference Series, 2020, 1440, 012089.	0.3	7
129	Parents' profiles concerning ICT proficiency and their relation to adolescents' information literacy: A latent profile analysis approach. British Journal of Educational Technology, 2020, 51, 2268-2285.	3.9	6
130	Measuring the accuracy of software vulnerability assessments: experiments with students and professionals. Empirical Software Engineering, 2020, 25, 1063-1094.	3.0	8
131	Using blended learning to support whole-of-school improvement: The need for contextualisation. Education and Information Technologies, 2020, 25, 3329-3355.	3.5	5
132	How students emerge as learning leaders in small group online discussions. Journal of Computer Assisted Learning, 2020, 36, 610-624.	3.3	11
133	Preservice teachers'™ views about the twenty-first century skills: A qualitative survey study in Turkey and Sweden. Education and Information Technologies, 2020, 25, 2353-2369.	3.5	20
134	Quantitative-comparative research on digital competence in students, graduates and professors of faculty education: an analysis with ANOVA. Education and Information Technologies, 2020, 25, 4157-4174.	3.5	27
136	Internet Addiction in the Web of Science Database: A Review of the Literature with Scientific Mapping. International Journal of Environmental Research and Public Health, 2020, 17, 2753.	1.2	42
137	Turns vs consensus: Learning mathematics in multi-touch surfaces. International Journal of Human Computer Studies, 2020, 140, 102431.	3.7	4
138	Digital Entrepreneurship and its Role in Innovation Systems: A Systematic Literature Review as a Basis for Future Research Avenues for Sustainable Transitions. Sustainability, 2020, 12, 2764.	1.6	103
139	Curating the use of digital media in higher education: a case study. Journal of Further and Higher Education, 2021, 45, 389-400.	1.4	6
140	“Everything”™s technology now” the role of technology in home- and school-based summer learning activities in Canada. Journal of Children and Media, 2021, 15, 272-290.	1.0	12
141	Assessing Young Students’™ Design Thinking Disposition and Its Relationship With Computer Programming Self-Efficacy. Journal of Educational Computing Research, 2021, 59, 410-428.	3.6	24
142	Teaching with and teaching about technology “ Evidence for professional development of in-service teachers. Computers in Human Behavior, 2021, 115, 106613.	5.1	44
143	Observed teaching behaviour in secondary education across six countries: measurement invariance and indication of cross-national variations. School Effectiveness and School Improvement, 2021, 32, 64-95.	1.4	21
144	Technology-related knowledge, skills, and attitudes of pre- and in-service teachers: The current situation and emerging trends. Computers in Human Behavior, 2021, 115, 106552.	5.1	102
145	The development of gender differences in information and communication technology (ICT) literacy in middle adolescence. Computers in Human Behavior, 2021, 114, 106533.	5.1	56
146	Prepared for work in Industry 4.0? Modelling the target activity system and five dimensions of worker readiness. International Journal of Computer Integrated Manufacturing, 2021, 34, 1-19.	2.9	30

#	ARTICLE	IF	CITATIONS
147	Do educational inequalities affect Internet use? An analysis for developed and developing countries. <i>Telematics and Informatics</i> , 2021, 58, 101521.	3.5	13
148	Sharing the road with autonomous vehicles: Perceived safety and regulatory preferences. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 122, 102885.	3.9	50
149	Fostering critical thinking in English-as-a-second-language classrooms: Challenges and opportunities. <i>Thinking Skills and Creativity</i> , 2021, 39, 100769.	1.9	24
150	Assessment of higher education students' information problem-solving skills in educational sciences. <i>Information Development</i> , 2021, 37, 359-375.	1.4	3
151	Twenty-first century skills: meaning, usage and value. <i>European Journal of Higher Education</i> , 2021, 11, 160-174.	1.6	21
152	The empowerment of singleton daughters: exploring the gender digital divide among Chinese college students. <i>Information Technology and People</i> , 2021, 34, 1401-1418.	1.9	3
153	Digital Transformation and Human Behavior. <i>Lecture Notes in Information Systems and Organisation</i> , 2021, , .	0.4	2
154	Secondary vocational education students' expressed experiences of and approaches to information interaction activities within digital environments: a Phenomenographic study. <i>Education and Information Technologies</i> , 2021, 26, 1955-1975.	3.5	7
155	Research-to-Resource: Use of Technology to Support 21st Century Skills in a Performing Ensemble Program. <i>UPDATE: Applications of Research in Music Education</i> , 2021, 39, 10-14.	0.5	10
156	ICT skills measurement in social surveys: Can we trust self-reports?. <i>Quality and Quantity</i> , 2021, 55, 917-943.	2.0	19
157	Students' Ability in Working the Mathematics Problem. , 0, , .		0
158	The validity and reliability of a tool for measuring educational innovative thinking competencies. <i>Teaching and Teacher Education</i> , 2021, 97, 103193.	1.6	6
159	The Impact of the COVID-19 Pandemic on the Field of Economics of Education. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 230-249.	0.2	1
160	The Relationship Between Technoference, Work-Family Interface, and Telework in the Age of 4IR. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , 2021, , 279-296.	0.2	0
161	Digital Skills of Teachers. <i>E3S Web of Conferences</i> , 2021, 258, 07083.	0.2	4
162	Towards a Framework for Lifelong E-Learning and Employability. , 2021, , 470-488.		0
163	Understanding the Effect of Digital Literacy on Employees' Digital Workplace Continuance Intentions and Individual Performance. , 2021, , 1638-1659.		3
164	Influence of Distance Learning on the Level of Perception of New Information. , 0, , .		1

#	ARTICLE	IF	CITATIONS
165	Impact of Team Climate on Co-Creativity in STEAM Education in Primary Education. <i>Creative Education</i> , 2021, 12, 1977-1994.	0.2	1
166	Evaluation and selection of scenario-based digital Transformation Projects. <i>International Journal of Advanced Engineering Research and Science</i> , 2021, 8, 084-096.	0.0	0
167	Development of Universal Competencies in Teacher Education. , 0, , .		0
168	Digital servitization and competence development: A case-study research. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021, 32, 447-460.	2.3	24
169	Digitally Empowered Workers and Authentic Leaders. , 2021, , 1616-1637.		1
170	Deepfake and Digital Citizenship. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 124-142.	0.2	2
171	Digital Fluency in SMEs. , 2021, , 319-340.		0
172	Digital Skills of Procurement Employees and Their Attitudes Toward Digital Technologies. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 173-182.	0.5	1
173	Inklusion von Menschen ohne Internet in zufallsbasierte Onlinepanel-Umfragen. <i>Schriftenreihe Der ASI</i> , 2021, , 71-98.	0.2	0
174	Exploiting Digital Skills in Higher Education. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 1-20.	0.2	3
175	Smart University and Artificial Intelligence. <i>Studies in Computational Intelligence</i> , 2021, , 255-279.	0.7	2
176	Development of Android-based application: Innovation for the calculus for physics course. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	1
177	Key Skills in the Context of Twenty-First-Century Teaching and Learning. , 2021, , 85-104.		1
178	How Cognitively Coached Teachers Design and Facilitate Self-Directed Learning in General Education Classrooms. <i>International Journal of Curriculum Development and Learning Measurement</i> , 2021, 2, 55-72.	0.2	1
179	Educational Design Patterns for Student-Centered 21 <sup>st</sup> Century Learning in Technology-Enhanced Learning Environments. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 413-425.	0.5	1
180	An Analysis of Student's Critical Thinking to Improve the Higher-Order Thinking Skill of Undergraduate Pharmacy Students. , 0, , .		1
181	Learning 21st Century Skills Through Educational Robotics Competitions. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 163-173.	0.5	1
182	Cultural dimensions and skills in the 21 <sup>st</sup> century: the Israeli education system as a case study. <i>Pedagogy, Culture and Society</i> , 2022, 30, 765-785.	1.8	19

#	ARTICLE	IF	CITATIONS
183	Economic Processes and Social Results of Digitalization of the Educational Sphere. , 0, , .		1
184	Converting Digital Resources into Epistemic Tools Enhancing STEM Learning. Communications in Computer and Information Science, 2021, , 3-20.	0.4	2
185	Exploring Organizational Strategies for Development of Digital Skills: A Case Study. Studies in Computational Intelligence, 2021, , 243-259.	0.7	0
186	The Effectiveness of Learning with Z-Generation Video on Skeletal System Materials Towards Critical Thinking of Senior High School Students. , 0, , .		0
187	Multidisciplinary digital competencies of pre-service vocational teachers. Empirical Research in Vocational Education and Training, 2021, 13, .	0.5	20
188	Ready for the future? Employability skills and competencies in the twenty-first century: The view of international experts. Human Systems Management, 2021, 40, 669-684.	0.5	14
189	The digital divide: a literature review and some directions for future research in light of COVID-19. Global Knowledge, Memory and Communication, 2022, 71, 686-708.	0.9	44
190	EFFECT OF A STEM-ORIENTED COURSE ON STUDENTSâ€™ MARINE SCIENCE MOTIVATION, INTEREST, AND ACHIEVEMENTS. Journal of Baltic Science Education, 2021, 20, 134-145.	0.4	10
191	Becoming a hoax buster in WhatsApp groups as an effort to limit the dissemination of misleading health information. Jurnal Studi Komunikasi, 2021, 5, 58.	0.1	2
192	An assessment of the interplay between literacy and digital Technology in Higher Education. Education and Information Technologies, 2021, 26, 3893.	3.5	51
193	The Role of Teachers in Facilitating 21st Century Learning Skills for Development of Creative Insight among Learners in Inclusive Classroom Settings. International Research Journal on Advanced Science Hub, 2021, 3, 6-11.	0.2	0
194	A prospective retrospective: conceptual mapping of the intellectual structure and research trends of knowledge management over the last 25 years. Journal of Knowledge Management, 2021, 25, 1977-1999.	3.2	14
195	Student perceptions of leadership skills necessary for digital transformation. Journal of Education for Business, 2022, 97, 86-98.	0.9	10
196	Human resource practices accompanying industry 4.0 in European manufacturing industry. Journal of Manufacturing Technology Management, 2021, 32, 1016-1036.	3.3	30
197	Information management roles in real estate development lifecycle: literature review on BIM and IPD framework. Construction Innovation, 2021, 21, 723-742.	1.5	11
198	Undisclosed creators of digitalization: A critical analysis of representational practices. Information Polity, 2021, 26, 3-20.	0.5	4
199	Preparing Pre-service Teachers for 21st Century Skills Education. GILE Journal of Skills Development, 2021, 1, 67-86.	1.0	5
200	Gamification and active learning in higher education: is it possible to match digital society, academia and students' interests?. International Journal of Educational Technology in Higher Education, 2021, 18, .	4.5	52

#	ARTICLE	IF	CITATIONS
201	Improving Personnel Management by Organizational Projects: Implications for Open Innovation. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2021, 7, 105.	2.6	6
202	The contribution of 3D computer modeling education to twenty-first century skills: self-assessment of secondary school students. <i>International Journal of Technology and Design Education</i> , 2022, 32, 1553-1581.	1.7	8
203	Competencia digital y formaci3n profesional en el turismo. Una revisi3n de literatura. <i>Educacion Quimica</i> , 2021, , 62-87.	0.0	3
204	21. Y4zyÄ±l Becerileri AÅsÄ±sÄ±ndan MEB Okul Ä±ncesi EÄYitim ProgramÄ±na EleÄYtirel Bir BakÄ±ÅY. <i>YaÄYadÄ±kÄ±Sa EÄYitim</i> , 2021, 35, 235-255.	0.1	5
205	Development and validation of the Internet of Things Skills Scale (IoTSS). <i>Information, Communication and Society</i> , 0, , 1-17.	2.6	3
206	The Conceptual Framework for Problem and Research-Based Learning (PRBL) Model in Learning The Natural Sciences to Empower Studentsâ€™ Analytical Thinking Skills. <i>Journal of Physics: Conference Series</i> , 2021, 1842, 012051.	0.3	0
207	EDLRIS: A European Driving License for Robots and Intelligent Systems. <i>KI - Kunstliche Intelligenz</i> , 2021, 35, 221-232.	2.2	7
208	Emergency remote teaching during the COVID-19 pandemic: Parents experiences and perspectives. <i>Education and Information Technologies</i> , 2021, 26, 6699-6718.	3.5	95
209	Preliminary research of networked-based inquiry model development to improve 21st-century competencies of students on physics learning in senior high school. <i>Journal of Physics: Conference Series</i> , 2021, 1876, 012047.	0.3	1
210	Understanding teaching professionals' digital competence: What do PIAAC and TALIS reveal about technology-related skills, attitudes, and knowledge?. <i>Computers in Human Behavior</i> , 2021, 117, 106672.	5.1	68
211	Lifelong Learning Courses Recommendation System to Improve Professional Skills Using Ontology and Machine Learning. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3839.	1.3	10
212	Pendekatan Reggio Emilia dalam Menjawab Tantangan Kemampuan Anak Usia Dini Abad 21. <i>Jurnal Obsesi</i> , 2021, 6, 182-207.	0.4	1
213	Modelling the Relationship Between Chinese University Studentsâ€™ Authentic Language Learning and Their English Self-efficacy During the COVID-19 Pandemic. <i>Asia-Pacific Education Researcher</i> , 2021, 30, 217-228.	2.2	22
214	Problematic Machine Behavior. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2021, 5, 1-34.	2.5	59
215	The role of digital informal learning in the relationship between students' digital competence and academic engagement during the COVID-19 pandemic. <i>Journal of Computer Assisted Learning</i> , 2021, 37, 1154-1166.	3.3	49
216	A Survey of 15 Years of Data-Driven Persona Development. <i>International Journal of Human-Computer Interaction</i> , 2021, 37, 1685-1708.	3.3	22
217	Elements of Interaction in Self and Human Beings Based on the Qur'an in the Learning of 21st Century Islamic Education / Elemen Interaksi Dalam Diri Dan Sesama Manusia Berasaskan Al-Quran Dalam Pembelajaran Abad Ke-21 Pendidikan Islam. <i>Sains Humanika</i> , 2021, 13, .	0.0	1
218	Using Neural Networks to Predict Wages Based on Worker Skills. <i>Studies in Business and Economics</i> , 2021, 16, 95-108.	0.3	4

#	ARTICLE	IF	CITATIONS
219	21 <sup>st</sup> Century Skills for Sustainable Education: Prediction Level of Teachers' Information Literacy Skills on Their Digital Literacy Skills. Discourse and Communication for Sustainable Education, 2021, 12, 85-101.	0.3	7
220	A microfoundational perspective on SMEs' growth in the digital transformation era. Journal of Business Research, 2021, 129, 382-392.	5.8	79
221	A comprehensive player types model: player head. Interactive Learning Environments, 2023, 31, 2930-2946.	4.4	3
222	The role of employment as a mediator in correctional education's impact on recidivism: A quasi-experimental study of multiple programs. Journal of Criminal Justice, 2021, 74, 101815.	1.5	3
223	Identifying Key Variables on the Way to Wellbeing in the Transition from Face-to-Face to Online Higher Education due to COVID-19: Evidence from the Q-Sort Technique. Sustainability, 2021, 13, 6112.	1.6	9
224	Wearable technology and consumer interaction: A systematic review and research agenda. Computers in Human Behavior, 2021, 118, 106710.	5.1	70
225	How COVID-19 is reshaping the role and modes of higher education whilst moving towards a knowledge society: the case of the UAE. Open Learning, 2024, 39, 52-67.	2.4	7
226	Investigation of 21st Century Skills of Nursing and Midwifery Students According to Some Variables. Ordu Ğniversitesi Hemġyirelik Ğtalġmalarġ Dergisi, 2021, 4, 232-239.	0.3	8
227	TġRKġYEġDEKġ ĞNġVERSġTELERġN SġREKLġ EġġTġM MERKEZLERġNDE GERġEKLEġTġRġLEN EġġTġMLERġN of Instructional Technologies & Teacher Education, 0, , .	0.0	0
228	Learning transformation of the 21 <sup>st</sup> century curriculum for prospective teacher in term of eco-literacy. IOP Conference Series: Earth and Environmental Science, 2021, 802, 012009.	0.2	2
229	Exploring digital transformation through pretend play in kindergarten. British Journal of Educational Technology, 2021, 52, 2130.	3.9	5
230	Leadership competencies for the 21st century: a review from the Western world literature. European Journal of Training and Development, 2021, 45, 566-587.	1.2	11
231	CONSTRUCTING CORE TEACHING COMPETENCY INDICATORS FOR SECONDARY SCHOOL SCIENCE TEACHERS IN CHINA. Journal of Baltic Science Education, 2021, 20, 389-406.	0.4	3
232	Promoting critical thinking in an online, project-based course. Computers in Human Behavior, 2021, 119, 106705.	5.1	38
233	The Benefits of YouTube in Learning English as a Second Language: A Qualitative Investigation of Korean Freshman Students' Experiences and Perspectives in the U.S.. Sustainability, 2021, 13, 7365.	1.6	13
235	Digital or Innovative: understanding "Digital Literacy" Practice "Innovative Work Behavior" Chain. South East European Journal of Economics and Business, 2021, 16, 107-119.	0.2	7
236	M-learning: Connecting Teaching and Learning Inside and Outside of School. Magis, 0, 14, 1-24.	0.6	2
237	Parent Attitudes Towards the Integration of Digital Learning Games as an Alternative to Traditional Homework. International Journal of Information and Communication Technology Education, 2021, 17, 151-167.	0.8	7

#	ARTICLE	IF	CITATIONS
238	Exploring the construct of the new way of thinking in the digital environment. Behaviour and Information Technology, 0, , 1-17.	2.5	3
239	Analysis of digital competence of educators (DigCompEdu) in teacher trainees: the context of Melilla, Spain. Technology, Knowledge and Learning, 2023, 28, 585-612.	3.1	22
240	How does the digital economy and society index (DESI) affect labor market indicators in EU countries?. Human Systems Management, 2021, 40, 503-512.	0.5	28
241	Multivariate analysis of teachers' digital information skills - The importance of available resources. Computers and Education, 2021, 168, 104206.	5.1	32
242	STEM Approach: The Development of Optical Instruments Module to Foster Scientific Literacy Skill. Journal of Research and Education Studies: E-Saintika, 2021, 5, 92-103.	0.2	2
243	The mediating role of digital informal learning in the relationship between students' digital competence and their academic performance. Computers and Education, 2021, 167, 104184.	5.1	57
244	Learning, Student Digital Capabilities and Academic Performance over the COVID-19 Pandemic. Education Sciences, 2021, 11, 361.	1.4	50
245	Digital abilities, between instrumentalization and empowerment: a discourse analysis of Chilean Secondary Technical and Vocational public policy documents. Journal of Vocational Education and Training, 2023, 75, 768-787.	0.9	4
246	Digital Literacy Approach in Food Delivery Service Application. , 2021, , .		3
247	Learning Factories 4.0 in technical vocational schools: can they foster competence development?. Empirical Research in Vocational Education and Training, 2021, 13, .	0.5	8
248	The Effect of Availability Digital Facility at Home on Work Productivity. , 2021, , .		1
249	Digital Competence Assessment Methods in Higher Education: A Systematic Literature Review. Education Sciences, 2021, 11, 402.	1.4	35
250	Towards Digital Equality: Assessing Youths' Digital Literacy Capabilities. , 2021, , .		1
251	Development of Online-based Inquiry Learning Model to Improve 21st-Century Skills of Physics Students in Senior High School. Eurasia Journal of Mathematics, Science and Technology Education, 2021, 17, em2004.	0.7	2
252	Employment and the gender digital divide in Latin America: A decomposition analysis. Telecommunications Policy, 2021, 45, 102166.	2.6	15
253	Learning Outcomes of Digital Learning Interventions in Higher Education. CIN - Computers Informatics Nursing, 2022, 40, 154-164.	0.3	10
254	Contextual facilitators for learning activities involving technology in higher education: The C-model. Computers in Human Behavior, 2021, 121, 106794.	5.1	70
255	IT-Enabled Sustainable Innovation and the Global Digital Divides. Sustainability, 2021, 13, 9711.	1.6	14

#	ARTICLE	IF	CITATIONS
256	Scrutinizing the Effect of Digital Mastery on Learning Agility in Palm Oil Industry. , 2021, , .		1
257	Transprofessional competences of school teachers in the digital environment: education employersâ€™ perspective. Education and Information Technologies, 2022, 27, 1841-1863.	3.5	8
258	Construction Project Management Dimensions in Transportation Agencies: Case Study of the US Department of Transportation. Practice Periodical on Structural Design and Construction, 2021, 26, .	0.7	9
259	Fostering University Studentsâ€™ Digital Skills: De Jure vs De Facto. University Management: Practice and Analysis, 2021, 25, 59-79.	0.4	7
260	Promoting Studentsâ€™ Perceived Self-Efficacy towards 21st Century Skills through Everyday Life-Related Scenarios. Education Sciences, 2021, 11, 570.	1.4	2
261	The Contribution of Executive Functions When Reading Multiple Texts: A Systematic Literature Review. Frontiers in Psychology, 2021, 12, 716463.	1.1	3
262	Perceptions of STEM alumni and students on developing 21st century skills through methods of teaching and learning. Studies in Educational Evaluation, 2021, 70, 101002.	1.2	66
263	Beyond the privacy paradox: The moderating effect of online privacy concerns on online service use behavior. Telematics and Informatics, 2021, 65, 101715.	3.5	15
264	Developing digital creativity through authentic assessment. Assessment and Evaluation in Higher Education, 2022, 47, 857-877.	3.9	7
265	The outcomes of gaining digital skills for young peopleâ€™s lives and wellbeing: A systematic evidence review. New Media and Society, 2023, 25, 1176-1202.	3.1	56
266	Developing student capacity to produce digital scholarship in the humanities. Arts and Humanities in Higher Education, 2022, 21, 158-175.	1.0	1
267	Initial teacher training for twenty-first century skills in the Fourth Industrial Revolution (IR 4.0): A scoping review. Computers and Education, 2021, 170, 104223.	5.1	32
268	ICT-related variables as predictors of ICT literacy beyond intelligence and prior achievement. Education and Information Technologies, 2022, 27, 3595-3622.	3.5	8
269	Switching to online learning during COVID-19: Theorizing the role of IT mindfulness and techno eustress for facilitating productivity and creativity in student learning. International Journal of Information Management, 2021, 61, 102394.	10.5	43
270	Development of a critical self in the language reading classroom: An examination of learnersâ€™ L2 self. Thinking Skills and Creativity, 2021, 42, 100944.	1.9	2
271	Developing studentsâ€™ digital competences through collaborative game design. Computers and Education, 2021, 174, 104308.	5.1	15
272	Digital Leadership Competencies in the Malaysian Context. Advances in Finance, Accounting, and Economics, 2022, , 13-41.	0.3	3
273	Multimedia in Teacher-Directed and Student-Centered Mathematics Classrooms. Lecture Notes in Educational Technology, 2021, , 211-227.	0.5	1



#	ARTICLE	IF	CITATIONS
274	Faculty Feedback Regarding the Usability of Microsoft PowerPoint as a Multimedia Authoring Tool. Advances in Educational Technologies and Instructional Design Book Series, 2021, , 47-72.	0.2	0
275	Learning to Teach Global Competencies in a Transforming Digital World. Advances in Educational Technologies and Instructional Design Book Series, 2021, , 37-64.	0.2	0
276	Making Tangible the Intangible Gestures of Craft. Intelligent Systems Reference Library, 2021, , 293-333.	1.0	0
277	Tejido social competente para la participaci3n ciudadana en el gobierno de las ciudades. Entramado, 2020, 17, 44-68.	0.1	1
278	Straddling the Divide: A Framework for Digital Skills Education in Support of Both the UN Sustainable Development Goals and the Fourth Industrial Revolution in South Africa. World Sustainability Series, 2021, , 163-177.	0.3	1
279	Developing and Validating Measurement Instrument for Various Aspects of Digital economy. , 2021, , 540-559.		2
280	What Is the Future of Adult Training?â€”A Systematic Literature Review. Psychology, 2021, 12, 236-254.	0.3	1
282	Digital Transformation in the Energy Industry. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2021, , 97-111.	0.7	1
283	NON-COGNITIVE COMPONENTS CONCEPT OF HUMAN CAPITAL IN MODERN ECONOMIC AND SOCIOLOGICAL LITERATURE. Tyumen State University Herald Social Economic and Law Research, 2021, 7, 39-64.	0.1	0
284	IEA International Computer and Information Literacy Study 2018 Assessment Framework. , 2019, , .		152
285	Underpinning Knowledge and Skills for Educators to Enhance Cyber Safety Awareness in South African Schools. Lecture Notes in Computer Science, 2019, , 278-290.	1.0	3
286	Is This What You Want? Looking for the Appropriate Digital Skills Set. Lecture Notes in Information Systems and Organisation, 2021, , 69-86.	0.4	4
287	Smart Learning in the Community: Supporting Citizen Digital Skills and Literacies. Lecture Notes in Computer Science, 2020, , 533-547.	1.0	10
288	Parental and Teacher Influence on Secondary Studentsâ€™ Information Literacy. Lecture Notes in Computer Science, 2018, , 404-415.	1.0	2
289	Considerations for Implementing Emerging Technologies and Innovative Pedagogies in Twenty-First-Century Classrooms. Bridging Human and Machine: Future Education With Intelligence, 2020, , 447-460.	1.1	3
290	Measuring the levels of 21st-century digital skills among professionals working within the creative industries: A performance-based approach. Poetics, 2020, 81, 101434.	0.6	45
291	MT Literacyâ€™A cognitive view. Translation, Cognition and Behavior, 2020, 3, 145-164.	0.7	10
292	Heutagogy Approach : Effectiveness of M-Learning For Lifelong Learning Education/ Pendekatan Heutagogi :Keberkesanan M-Pembelajaran untuk Pendidikan Sepanjang Hayat. Sains Humanika, 2019, 11, .	0.0	2

#	ARTICLE	IF	CITATIONS
293	Community Collectives: Low-tech Social Support for Digitally-Engaged Entrepreneurship. , 2020, , .		24
294	A Literature Review of Quantitative Persona Creation. , 2020, , .		43
295	Improving the Students' Big Data Era Skills through the Online International Project X-culture. , 2020, , .		3
296	Determinants of 21st-Century Skills and 21st-Century Digital Skills for Workers: A Systematic Literature Review. SAGE Open, 2020, 10, 215824401990017.	0.8	178
297	Science Adaptive Assessment Tool: Kolbâ€™s Learning Style Profile and Studentâ€™s Higher Order Thinking Skill Level. Jurnal Pendidikan IPA Indonesia, 2020, 9, 194-207.	0.5	20
298	Computational Thinking Relationship with Digital Competence. Informatics in Education, 2018, 17, 265-284.	1.8	39
299	Interaction between Science Process Skills and Scientific Attitudes of Students towards Technological Pedagogical Content Knowledge. Journal for the Education of Gifted Young Scientists, 2020, 8, 1-16.	0.1	8
300	Ä–Äÿrencilerin 21. YÄ¼zyÄ±l Beceri DÄ¼zeyleri ve Beceriler Arasındaki Ä°liÅkinin Ä°ncelenmesi. Journal of Inonu University Faculty of Education, 0, , .	0.1	3
302	Teaching Hands-On Informatics Skills to Future Health Informaticians: A Competency Framework Proposal and Analysis of Health Care Informatics Curricula. JMIR Medical Informatics, 2020, 8, e15748.	1.3	21
303	Internet-of-Things Skills Among the General Population: Task-Based Performance Test Using Activity Trackers. JMIR Human Factors, 2020, 7, e22532.	1.0	6
304	Swedish teenagersâ€™ difficulties and abilities to determine digital news credibility. Nordicom Review, 2019, 40, 23-42.	0.8	44
305	Digital divide: addressing Internet skills. Educational implications in the validation of a scale. Research in Learning Technology, 2019, 27, .	2.3	7
306	Tech and me: an autoethnographic account of digital literacy as an identity performance. Research in Learning Technology, 2020, 28, .	2.3	4
307	The Effectiveness of Computer-Based Problem Solving to Improve Higher Order Thinking Skills on Prospective Teachers. International Journal of Instruction, 2020, 13, 393-406.	0.6	4
309	Examination of Undergraduate and Associate Degree Studentsâ€™ Computer Programming Attitude and Self-Efficacy According to Thinking Style, Gender and Experience. Contemporary Educational Technology, 2018, 9, 354-373.	1.3	9
310	Fifty years of digital literacy studies: A meta-research for interdisciplinary and conceptual convergence. Profesional De La Informacion, 0, , .	2.7	18
311	Learning Analytics Using Social Network Analysis and Bayesian Network Analysis in Sustainable Computer-Based Formative Assessment System. Sustainability, 2020, 12, 7950.	1.6	9
314	Improvement of the Transmission of Information for ICT Techniques Through CBEDE Methodology. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 13-34.	0.2	16

#	ARTICLE	IF	CITATIONS
315	Digitally Empowered Workers and Authentic Leaders. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2020, , 103-124.	0.3	1
316	Education in Emergencies, Mental Wellbeing and E-Learning. , 0, , .		6
317	bASES21: A Model for the Self-assessment of 21st-Century Skills in the Context of Computing Education in K-12. <i>Communications in Computer and Information Science</i> , 2021, , 366-391.	0.4	1
318	A REVIEW OF DIGITAL TRANSFORMATION OF EDUCATION IN OMAN. <i>Journal of Business Management and Accounting</i> , 2021, 11, 41-59.	0.1	2
319	Fen Bilgisi Öğretmen Adayların Tercih Ettikleri Öğretim Yöntemleri ve Teknoloji Kullanımları. <i>İnsan Ve Toplum Bilimleri Araştırmalar Dergisi</i> , 2021, 10, 2853-2873.	0.0	0
321	Enhancing social and health care educators' competence in digital pedagogy: A pilot study of educational intervention. <i>Finnish Journal of EHealth and EWelfare</i> , 2021, 13, .	0.0	0
322	A Review of Research on The Use of Augmented Reality in Physics Learning. <i>Journal of Physics: Conference Series</i> , 2021, 2019, 012058.	0.3	0
323	The Effect of Digital Literacy and Future Time Perspective on The Self-Confidence of Prospective Vocational School Graduates Entering the Job Market. <i>Technium Social Sciences Journal (tssj)</i> , 0, 24, 74-88.	0.1	0
324	A ranking of critical competencies for shore-based maritime logistics executives in the digital era. <i>Technology Analysis and Strategic Management</i> , 2023, 35, 919-934.	2.0	0
325	New Directions in the Future of Work: An Introduction. , 2021, , 1-18.		0
326	The mediating role of critical thinking and cooperativity in the 21st century skills of higher education students. <i>Thinking Skills and Creativity</i> , 2021, 42, 100967.	1.9	25
327	A Creative Ecosystem to Improve the Students Adaptation to Current Trends in IT Companies. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 708-715.	0.5	2
328	Comparing Human Against Computer Generated Designs: New Possibilities for Design Activity Within Agile Projects. <i>Lecture Notes in Computer Science</i> , 2018, , 693-710.	1.0	0
329	A Quality Approach to Masters Education Using an Australian Case Study – A Reflection. <i>Universal Journal of Educational Research</i> , 2018, 6, 1837-1847.	0.1	3
330	21st Century Learning of History and Citizenship Values: A Conceptual Paper. <i>International Journal of Academic Research in Business and Social Sciences</i> , 2018, 8, .	0.0	1
331	Developing Employability Skills from Service-learning Experience at Putra Future Classroom (PFC). <i>International Journal of Academic Research in Business and Social Sciences</i> , 2018, 8, .	0.0	1
332	Comparing the Effectiveness of Flipped Classroom and Online Learning on Improving Critical Thinking Skills in High School Physics Learning. , 0, , .		2
333	Towards a Framework for Lifelong E-Learning and Employability. <i>Advances in Higher Education and Professional Development Book Series</i> , 2019, , 245-263.	0.1	0

#	ARTICLE	IF	CITATIONS
334	Os desafios da educação escolar na contemporaneidade: Tecnologias da Informação e da Comunicação na educação escolar. Revista De Ensino De Ciências E Matemática, 2019, 10, 130-143.	0.0	1
335	Be it Resolved. , 2019, , .		0
336	Information Technology as Science: A New Model for Learning. IJID (International Journal on Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 T	0.5	0
337	ICT CURRICULA IN SCHOOLS IN THE UAE. , 2019, , .		0
338	Bringing open data into danish schools and its potential impact on school pupils. , 2019, , .		7
339	Digital inclusion programs: the case of the Basque Country. Revista Lusofona De Educacao, 2019, , 73-88.	0.2	2
340	The Challenges of Higher Education Institutions: Including Digital Skills and Preparing Reflective Learners. Journal of Educational and Social Research, 2019, 9, .	0.1	0
341	Examining Metaphors, Usage and Views of Secondary School Students on YouTube. Contemporary Educational Technology, 2019, 11, 111-129.	1.3	2
342	Assessment as and of Digital Practice: Building Productive Digital Literacies. The Enabling Power of Assessment, 2020, , 111-125.	0.5	1
343	An Urgency for Change in Roles. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 462-483.	0.2	0
344	Digital Learning Interventions in Higher Education. CIN - Computers Informatics Nursing, 2020, 38, 613-624.	0.3	15
345	Concepção e validação de um produto educacional direcionado aos telecentros escolares (Design and) Tj ETQq1 1 0.784314 rgTT Sobre Ensino Tecnológico, 0, 6, e106020.	0.0	0
347	Determining the Potential of Graduate Analytics Based on the iCGPA System: A Systematic Literature Review. Educational Awakening, 2020, 7, 3-21.	0.1	0
348	Primeros avances de la intervención arqueológica en los mausoleos de la puerta sureste de Baelo Claudia: el monumento de Iunia Rufina. Zephyrus, 2020, 85, 163.	0.5	2
349	The Role and Challenges of Using Digital Tools for COVID-19 Contact Tracing. European Journal of Social & Behavioural Sciences, 2020, 29, 208-216.	0.3	3
350	ICT Literacy among High School Students Based on E-Learning Effectivity in Surakarta. , 2020, , .		0
351	Analysis of Industry 4.0 Capabilities: A Perspective of Educational Institutions and Needs of Industry. Lecture Notes in Mechanical Engineering, 2022, , 887-894.	0.3	6
352	Whatever Happened to Technology Enhanced Learning?. , 2020, , 9-42.		0

#	ARTICLE	IF	CITATIONS
354	Design and Implementation of Collaborative Management System for Effective Learning. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.5	0
355	Building skills in the context of digital transformation: How industry digital maturity drives proactive skill development. Journal of Business Research, 2022, 139, 718-730.	5.8	39
356	Overview of Related Literature. , 2020, , 37-60.		0
357	Meta-analysis Along the Policy Trajectory and Discussion. , 2020, , 141-171.		0
358	Digital Fluency in SMEs. Advances in Human Resources Management and Organizational Development Book Series, 2020, , 43-64.	0.2	0
360	Technology Mediated Citizenship: What Can We Learn from Library Practices. Lecture Notes in Computer Science, 2020, , 109-120.	1.0	2
361	The Development of Performance Assessment Inventory (PAI) to Access Studentsâ€™ Self and Peer Assessment in the Innovation Course. , 0, , .		0
362	STEM Skill Assessment: An Application of Adaptive Comparative Judgment. Advances in STEM Education, 2020, , 331-349.	0.5	0
363	Information Systems Curriculum Research. Advances in Information Quality and Management, 2020, , 429-457.	0.3	0
364	Exploring Pre-Service Teachers' Developmental Trajectories of Digital Literacies. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 316-338.	0.2	0
365	Digitale Tools für smarte Personalarbeit. , 2020, , 51-189.		0
366	How Active Learning Can Make a Difference. Advances in Higher Education and Professional Development Book Series, 2020, , 523-544.	0.1	0
367	Integration of Educational Software in Teaching Gifted Students in K-12 Classrooms. Advances in Early Childhood and K-12 Education, 2020, , 43-64.	0.2	2
368	Digital Revolution in Small and Medium Enterprisesâ€™ Human Resources: The Case of Brescia. European Scientific Journal, 2020, 16, .	0.0	1
369	Assessment of high school teachers on their digital competences. Magis, 0, 13, 1-21.	0.6	9
370	Integrative Model of Building the Education System as a Tool of Providing Well-Balanced Transforming Labour Market. Vestnik of the Plekhanov Russian University of Economics, 2020, 17, 78-91.	0.1	0
372	Museum Exhibits that Interact with Pupilsâ€™ Mobile Devices. The Case of Hellenic Maritime Museum. Advances in Intelligent Systems and Computing, 2021, , 189-201.	0.5	0
373	Assessment Of Efficacy of Lab-Based Learning In Enhancing Critical Thinking And Creative Thinking Among Learners. Westcliff International Journal of Applied Research, 2020, 4, 14-29.	0.1	1

#	ARTICLE	IF	CITATIONS
374	ĐċĐĐ•ĐĐ†ĐĐ“ Â«ĐŸĐĐžĐ„ĐšĐċĐĠĐ’ĐĐĐĐ- ĐœĐĠĐĐ-ĐċĐĐ-ĐœĐ•Đ”Đ†Đ™ĐĐžĐ“Đž ĐĵĐ•ĐĐ•Đ”ĐžĐ’ĐĐĊĐĐ-ĐĐšĐ•ĐĐ”Đ†Đ’ Đ-		
375	Complex Sequential Data Analysis: A Systematic Literature Review of Existing Algorithms. , 2020, , .		1
376	Exploring the Development of Primary School Studentsâ€™ Computational Thinking and 21st Century Skills Through Scaffolding: Voices from the Stakeholders. International Journal of Computer Science Education in Schools, 2020, 4, 36-57.	0.4	4
377	STEM-Project Based Learning Integration On Bioacoustics Worksheet To Enhance Critical Thinking Skills. , 2020, , .		1
378	Literature review and discussion on collaborative decision making approaches in Industry 4.0. FME Transactions, 2021, 49, 817-826.	0.7	2
379	Information literacy skills and learning gapsâ€™ Students' experiences and teachers' perceptions in interdisciplinary environmental science. Journal of Academic Librarianship, 2022, 48, 102465.	1.3	8
380	The SES-based difference of adolescentsâ€™ digital skills and usages: An explanation from family cultural capital. Computers and Education, 2022, 177, 104382.	5.1	23
381	Digital policy in European countries from the perspective of the Digital Economy and Society Index. Policy and Internet, 2022, 14, 202-218.	2.0	14
382	Competencies in Digitalization: An Experiment in an International Course. Education Research International, 2021, 2021, 1-15.	0.6	0
383	Technology-Induced Stress, Sociodemographic Factors, and Association with Academic Achievement and Productivity in Ghanaian Higher Education during the COVID-19 Pandemic. Information (Switzerland), 2021, 12, 497.	1.7	23
384	Lab 21 â€” A Space for Learning, Sharing and Innovating. Lecture Notes in Networks and Systems, 2022, , 199-211.	0.5	3
385	Competence combination for digital transformation: a study of manufacturing companies in Finland. Technology Analysis and Strategic Management, 2023, 35, 1355-1368.	2.0	4
386	Grammars of â€œOnlifeâ€•Identities: Educational Re-significations. Studies in Philosophy and Education, 2022, 41, 3-19.	0.3	2
387	The Nexus Between Nigerian Universitiesâ€™ Entrepreneurship Training and Digital Technology: Influence on Graduatesâ€™ New Venture Creations. , 2022, , 215-238.		1
388	AN OVERVIEW OF THE 3D SOLID MODEL DESIGN AND USAGE NEEDS OF PHYSICS, CHEMISTRY, AND BIOLOGY TEACHERS. International Journal of 3d Printing Technologies and Digital Industry, 2021, 5, 515-534.	0.3	2
389	Los docentes universitarios frente al cambio a la educaci3n virtual impuesta por el coronavirus. Sociedade E Estado, 2021, 36, 915-943.	0.1	10
392	Teaching with technology: A large-scale, international, and multilevel study of the roles of teacher and school characteristics. Computers and Education, 2022, 179, 104424.	5.1	15
393	The Learning Office Approach to Modern 21st Century Education: Third Evaluation of a Self-Driven Concept for Student-Centered Engineering Education. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
394	The Instrument Development to Measure Higher-Order Thinking Skills for Pre-Service Biology Teacher. International Journal of Instruction, 2020, 13, 833-848.	0.6	5
395	Digital transformation of Human Resources Management: A Roadmap. , 2020, , .		3
396	Model Interaksi dengan Allah dan Alam Berasaskan al-Quran dalam Pembelajaran Abad ke-21 Pendidikan Islam. Journal of Quran Sunnah Education and Special Needs, 2020, 4, 22-33.	0.1	0
397	Learner-Centered Distance Education: Effects of Online Learning on the Self-Driven Learning Office Approach. , 2021, , .		2
398	The Effect of Digital Skills on Technology Acceptance of Food Delivery Mobile Application. , 2021, , .		0
399	Investigating the Effect of Digital Mastery and Learning Culture in Oil Palm Plantations. , 2021, , .		0
400	Strengthening the Twenty-first Century Skills of University Students in Facing ASEAN Economic Community. AL-ISHLAH Jurnal Pendidikan, 2021, 13, 1633-1642.	0.0	0
401	Investigation of the Relationship Between Digital Literacy, Online Learning, and Academic Aspiration. TÅ¼rk EÄYitim Bilimleri Dergisi, 2021, 19, 1012-1036.	0.1	7
402	Maker Education in Primary Education: Changes in Studentsâ€™ Maker-Mindset and Gender Differences. , 2021, , .		2
403	A Systematic Literature Review of Organizational Factors Influencing 21st-Century Skills. SAGE Open, 2021, 11, 215824402110672.	0.8	8
404	Problem Solving and Digital Transformation: Acquiring Skills through Pretend Play in Kindergarten. Education Sciences, 2022, 12, 92.	1.4	10
405	Audience Matters. Teaching and Learning Inquiry, 0, 10, .	0.5	0
406	Next-Generation Teacher Competencies. Advances in Educational Technologies and Instructional Design Book Series, 2022, , 228-247.	0.2	0
407	A systematic review of STEM education research in the GCC countries: trends, gaps and barriers. International Journal of STEM Education, 2022, 9, .	2.7	46
408	Technology Usage and Academic Performance in the Pisa 2018 Report. Journal of New Approaches in Educational Research, 2022, 11, 130.	2.1	17
409	Human Digital Transformation Readiness. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 16-30.	0.4	2
410	How to improve the design of experimental studies in computing education: Evidence from the international assessments. Education and Information Technologies, 2022, 27, 5075-5102.	3.5	2
411	Basic digital competence in Norwegian banking. Procedia Computer Science, 2022, 196, 183-190.	1.2	4

#	ARTICLE	IF	CITATIONS
412	Toward a Technological and Methodological Shift in Music Learning in Spain: Studentsâ€™ Perception of Their Initial Teacher Training. SAGE Open, 2022, 12, 215824402110672.	0.8	3
413	Integrated STEM and Partnerships: What to Do for More Effective Teams in Informal Settings. Education Sciences, 2022, 12, 58.	1.4	6
414	Components of Education 4.0 in 21st Century Skills Frameworks: Systematic Review. Sustainability, 2022, 14, 1493.	1.6	113
415	Digital Competences for Improving Digital Inclusion in E-Government Services: A Mixed-Methods Systematic Review Protocol. International Journal of Qualitative Methods, The, 2022, 21, 160940692110709.	1.3	10
416	Explicating AI Literacy of Employees at Digital Workplaces. IEEE Transactions on Engineering Management, 2024, 71, 810-823.	2.4	18
417	Who gets lost? How digital academic reading impacts equal opportunity in higher education. New Media and Society, 2024, 26, 1034-1055.	3.1	10
418	Computational Thinking Assessment â€” Towards More Vivid Interpretations. Technology, Knowledge and Learning, 2023, 28, 539-568.	3.1	11
419	General digital competences of beginning trainees in commercial vocational education and training. Empirical Research in Vocational Education and Training, 2022, 14, .	0.5	4
420	The role of ICT for school leadership and management activities: an international comparison. International Journal of Educational Management, 2022, 36, 133-151.	0.9	3
421	Digital literacy skills of university students with visual impairment: A mixed-methods analysis. Education and Information Technologies, 2022, 27, 5605-5625.	3.5	10
422	A transnational comparative study of preservice teachersâ€™ critical thinking skills and metaliteracy self-efficacy. Higher Education, Skills and Work-based Learning, 2022, 12, 866-883.	0.9	2
423	Digital competence as a protective factor against gaming addiction in children and adolescents: A cross-sectional study in Hong Kong. The Lancet Regional Health - Western Pacific, 2022, 20, 100382.	1.3	14
424	Development of 21st century skills through virtual exchange. Teaching and Teacher Education, 2022, 112, 103646.	1.6	4
425	Do digital competencies and social support boost work engagement during the COVID-19 pandemic?. Computers in Human Behavior, 2022, 130, 107172.	5.1	16
426	Structuring a course service for developing the learning digital skills of university students in Fribourg. ITM Web of Conferences, 2022, 41, 03001.	0.4	0
427	Dimensions of Digital Literacy in the 21st Century Competency Frameworks. Sustainability, 2022, 14, 1867.	1.6	13
428	Developing policy aimed at 21st-century digital skills for the creative industries: an interview study with founders and managing directors. Journal of Education and Work, 2022, 35, 195-209.	0.8	5
429	Key factors in digital literacy in learning and education: a systematic literature review using text mining. Education and Information Technologies, 2022, 27, 7395-7419.	3.5	37



#	ARTICLE	IF	CITATIONS
430	EUROPE IS GOING DIGITAL – A GLANCE AT THE DIGITAL COMPETENCES OF THE ROMANIAN CITIZENS. Vărnîc Kişineu Născăoanelor Unăversitetu –menă Tarasa Evăenka Ekonomă-ka, 2021, , 6-14.	0.0	0
431	Learning Factory Concepts and Performance. SSRN Electronic Journal, 0, , .	0.4	1
432	Impact of Service-Learning on Students Employability Skills: A Balanced Approach to Empower Meaningful Learning Experience. Open Journal of Social Sciences, 2022, 10, 343-364.	0.1	4
433	Mapping the Global EdTech Revolution during the Pandemic: From –Determinism–™ to –Solutionism–™, , 2022, , 119-137.		5
434	Developing Written Argumentation Skills With an Educational Simulation Game (ESG). Advances in Mobile and Distance Learning Book Series, 2022, , 151-177.	0.4	0
435	Framework of Digital Competences for Business and Management Programs in Higher Education. Lecture Notes in Networks and Systems, 2022, , 435-447.	0.5	0
436	Empowering Personal Knowledge Management Among Teachers in Indonesia: A Multi-Faceted Approach using SEM. SAGE Open, 2022, 12, 215824402210850.	0.8	1
438	Employment 4.0: The Work of the Future and the Future of Work. SSRN Electronic Journal, 0, , .	0.4	0
439	Skills demand, digital skills and skill formation in the European Union in the digital era. , 2022, , .		0
440	Sustainability issues across educational disciplines in learning factories. SSRN Electronic Journal, 0, , .	0.4	1
442	Exploring Digital Literacy Skills in Social Sciences and Humanities Students. Sustainability, 2022, 14, 2483.	1.6	17
443	Research on Technological Pedagogical and Content Knowledge: A Bibliometric Analysis From 2011 to 2020. Frontiers in Education, 2022, 7, .	1.2	6
444	Students’s™ collaboration in technology-enhanced reciprocal peer tutoring as an approach towards learning mathematics. Education and Information Technologies, 2022, 27, 7519-7548.	3.5	2
445	The Challenges of Modern Economy on the Competencies of Knowledge Workers. Journal of the Knowledge Economy, 2023, 14, 1635-1671.	2.7	11
446	Development and Validation of a Questionnaire to Measure Digital Skills of Chinese Undergraduates. Sustainability, 2022, 14, 3539.	1.6	8
448	A bibliometric analysis of digital literacy research and emerging themes pre-during COVID-19 pandemic. Information and Learning Science, 2022, 123, 214-232.	0.8	14
450	Learning analytics to develop future competences in higher education: a case study. International Journal of Educational Technology in Higher Education, 2022, 19, .	4.5	9
451	A multi-dimensional perspective on instructional design-based ICT integration: A case study. Education and Information Technologies, 2022, 27, 9065-9098.	3.5	1

#	ARTICLE	IF	CITATIONS
452	Instructional techniques and tools reported as being used by teachers within empirical research focusing on in-class digital ability development: a literature review. <i>Journal of Computers in Education</i> , 0, , 1.	5.0	2
453	Collaborative behavioural patterns of elementary school students working on a robotics project. <i>Journal of Computer Assisted Learning</i> , 2022, 38, 1018-1032.	3.3	7
454	ICT Use, Digital Skills and Students' Academic Performance: Exploring the Digital Divide. <i>Information (Switzerland)</i> , 2022, 13, 129.	1.7	33
455	Characterizing Students' 4C Skills Development During Problem-based Digital Making. <i>Journal of Science Education and Technology</i> , 2022, 31, 372-385.	2.4	15
456	Quality of work-life: scale construction and validation. <i>Journal of Economic and Administrative Sciences</i> , 2022, ahead-of-print, .	0.7	2
457	Towards the Tyrell corporation? Digitisation, firm-size and productivity divergence in Spain. <i>Journal of Innovation &amp; Knowledge</i> , 2022, 7, 100185.	7.3	13
458	Creating positive learning experiences with technology: A field study on the effects of user experience for digital concept mapping. <i>Heliyon</i> , 2022, 8, e09246.	1.4	10
459	The interplay of digital transformation and employee competency: A design science approach. <i>Technological Forecasting and Social Change</i> , 2022, 178, 121575.	6.2	55
460	Investigating 21st Century Skills Level among Youth. <i>GILE Journal of Skills Development</i> , 2021, 1, 99-107.	1.0	0
461	The future of leadership" How is leadership in small and medium-sized enterprises going to change?. <i>Gruppe Interaktion Organisation Zeitschrift Fur Angewandte Organisationspsychologie</i> , 2021, 52, 639-647.	1.2	7
462	Industry 4.0 competencies: a model for the Vietnamese workforce. <i>Industrial and Commercial Training</i> , 2022, 54, 201-219.	0.8	3
463	Collaborative Digital Problem Solving: Power, Relationships, and Participation. <i>Journal of Adolescent and Adult Literacy</i> , 2022, 65, 377-387.	0.4	4
464	Cultivating research skills through scholarly digital storytelling. <i>Higher Education Research and Development</i> , 0, , 1-13.	1.9	1
465	Key issues of transition to digital entrepreneurship. <i>Proceedings of the International Conference on Business Excellence</i> , 2021, 15, 91-101.	0.1	0
466	Teachers' problem-solving skills in technology-rich environments: a call for workplace learning and opportunities to develop professionally. <i>Studies in Continuing Education</i> , 2023, 45, 86-112.	1.2	2
467	Organisation, technological change and skills use over time: A longitudinal study on linked employee surveys. <i>New Technology, Work and Employment</i> , 2022, 37, 343-362.	2.6	6
468	Repensando la educación para un mundo pospandemia. <i>Revista Perspectiva Empresarial</i> , 2021, 8, 3-6.	0.1	2
469	Enhancing New Media Literacies of Social Work Students through a Participatory Learning Environment. <i>Journal of Technology in Human Services</i> , 2022, 40, 58-78.	0.9	3

#	ARTICLE	IF	CITATIONS
470	The Effect of Attitudes and Behaviors Towards New Technologies on Performance of Academicians. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 112-127.	0.4	0
471	Assessing the Development of Digital Scientific Literacy With a Computational Evidence-Based Reasoning Tool. Journal of Educational Computing Research, 2022, 60, 1796-1817.	3.6	1
472	The Finnish Version of the Affinity for Technology Interaction (ATI) Scale: Psychometric Properties and an Examination of Gender Differences. International Journal of Human-Computer Interaction, 2023, 39, 874-892.	3.3	6
473	The Importance of Digital Literacy in Quadratic Equations, Strategies Used, and Issues Faced by Educators. Contemporary Educational Technology, 2022, 14, ep372.	1.3	2
476	Assessing Technology Adoption Constructs that Enable Organisations to Navigate the Fourth Industrial Revolution: A Systematic Review. SSRN Electronic Journal, 0, , .	0.4	0
477	Leadership competencies for digital transformation: An exploratory content analysis of job advertisements. German Journal of Human Resource Management, 2023, 37, 50-75.	1.9	9
478	Distance education for pupils with intellectual disabilities â€œ teachersâ€™ experiences. Education Inquiry, 2024, 15, 147-163.	1.6	2
479	Digital Transformation Scenario, Company Evolution, and Request for New Skills. Advances in Educational Technologies and Instructional Design Book Series, 2022, , 21-57.	0.2	0
480	Starting from â€œscratchâ€™: Building young peopleâ€™s digital skills through a coding club collaboration with rural public libraries. Journal of Librarianship and Information Science, 2023, 55, 487-499.	1.6	1
481	The effects of topic familiarity on college students' learning search process. Aslib Journal of Information Management, 2022, ahead-of-print, .	1.3	0
482	Workplace literacy skillsâ€™how information and digital literacy affect adoption of digital technology. Journal of Documentation, 2022, 78, 371-391.	0.9	21
483	Digital-First Learning and Assessment Systems for the 21st Century. Frontiers in Education, 2022, 7, .	1.2	1
484	Transforming Business Schools into Lighthouses of Hope for a Sustainable Future. , 2022, , 154-178.		0
487	Business (un)usual: Critical skills for the next normal. Thunderbird International Business Review, 2023, 65, 39-47.	0.9	13
488	Impact of teaching computer programming using innovative pedagogy embedded with live online lectures and related tools: A randomized control trial. Computer Applications in Engineering Education, 2022, 30, 1390-1405.	2.2	3
490	A study on the relation between industry 4.0 technologies and gamification in e-learning. Interactive Technology and Smart Education, 2023, 20, 449-474.	3.8	3
493	Trends and Characteristics of Career Recommendation Systems for Fresh Graduated Students. , 2022, , .		3
494	Exploration of polygons in a STEAM framework: technology and cultural background. International Journal of Mathematical Education in Science and Technology, 2023, 54, 1112-1131.	0.8	0

#	ARTICLE	IF	CITATIONS
495	Preparing Students for a Digitized Future. <i>IEEE Transactions on Education</i> , 2023, 66, 20-29.	2.0	4
497	Evaluation of the level of problem solving skills of Turkish higher education graduates in technology-rich environments. <i>Educational Technology Research and Development</i> , 0, , .	2.0	1
498	Measuring the importance of communication skills in tourism. <i>Economic Research-Ekonomiska Istrazivanja</i> , 2023, 36, 460-479.	2.6	8
499	Factors associated with eHealth literacy focusing on digital literacy components: A cross-sectional study of middle-aged adults in South Korea. <i>Digital Health</i> , 2022, 8, 205520762211027.	0.9	14
500	A Conceptual Framework to Study The Factors Influencing Digital Technology Adoption Amongst Manufacturing Industries: Leadership Effectiveness as a Mediating Variable. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
501	Consequences and Challenges of the Fourth Industrial Revolution and the Impact on the Development of Employability Skills. <i>Sustainability</i> , 2022, 14, 6970.	1.6	11
502	Theorizing Technological Mediation in the Outdoor Classroom. <i>Postdigital Science and Education</i> , 2023, 5, 754-776.	4.3	5
503	A systematic review on digital literacy. <i>Smart Learning Environments</i> , 2022, 9, .	4.3	30
504	DIGITAL TRANSFORMATION AND LEADERSHIP: A REVIEW IN THE INDUSTRIAL SECTOR. <i>Kafkas Üniversitesi İktisadi Ve İdari Bilimler Fakültesi Dergisi</i> , 2022, 13, 206-231.	0.1	2
505	Desempeño laboral en mujeres ejecutivas del sector turístico: uso de redes sociales y competencias digitales. <i>The Andhuac Journal</i> , 2022, 22, .	0.0	1
507	Framing digital competence in media work – The case of Finland. <i>International Journal of Sociology and Social Policy</i> , 2022, 42, 15-29.	0.8	3
508	Digital Skills of Working Age Population in Croatia. , 2022, , .		0
509	The who, how and why of choosing post-16 computing curricula: a case study of English further education colleges. <i>Journal of Further and Higher Education</i> , 0, , 1-18.	1.4	1
510	Socioeconomic and resource efficiency impacts of digital public services. <i>Environmental Science and Pollution Research</i> , 2022, 29, 83839-83859.	2.7	19
511	Digital competence development in a few countries of the European Union. <i>Management and Marketing</i> , 2022, 17, 178-192.	0.8	8
512	The Impact of Technology Adaptation on Academic Engagement: A Moderating Role of Perceived Argumentation Strength and School Support. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	6
513	Defining “digitally competent teacher” An examination of pre-service teachers’ metaphor. <i>Journal of Digital Learning in Teacher Education</i> , 0, , 1-14.	0.7	5
514	Web 2.0 Practical Content Development Self-Efficacy Beliefs of Teachers in the Context of Digital Literacy and Innovation. <i>Anadolu Journal of Educational Sciences International</i> , 2022, 12, 608-629.	0.2	2

#	ARTICLE	IF	CITATIONS
515	Problem Solving and Formal, Nonformal, and Informal Learning of Russian Employees (Based on PIAAC) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.05	0
516	The impact of ICT characteristics on studentsâ€™ learning outcomes during COVID-19 lockdown period: The crucial role of techno eustress perception. <i>Human Systems Management</i> , 2023, 42, 149-162.	0.5	4
517	Digital Transformation Taking Centre Stage: How Is Digital Transformation Reshaping Entrepreneurial Innovation?. <i>Journal of Entrepreneurship</i> , 2022, 31, 364-401.	1.3	3
518	Readiness of Early Childhood Education Teachers In Facing Learning In The Society Era 5.0. , 2021, , .		1
519	Are universities ready to deliver digital skills and competences? A text mining-based case study of marketing courses in Italy. <i>Technological Forecasting and Social Change</i> , 2022, 182, 121869.	6.2	11
520	E-Module Development with an Environmental Approach for Improving English Skills. , 2021, , .		0
521	The Role of e-Leadership on the Productivity of Virtual Work in Higher Education. , 2021, , .		0
522	Motivational Beliefs, an Important Contrivance in Elevating Digital Literacy Among University Students. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
523	Research on the Value and Path of Cultivating College Students' Digital Literacy in the Digital Age. , 2022, , .		0
524	Digital skills in context: Working with robots in lower-skilled jobs. <i>Economic and Industrial Democracy</i> , 2023, 44, 1084-1104.	1.2	8
525	Science Mapping the International Knowledge Base on the 21st Century Skills. <i>Kuramsal EÄŸitimibilim Dergisi</i> , 2022, 15, 504-525.	0.2	0
526	Dispositions of 21st-Century Skills in STEM Programs and Their Changes over Time. <i>International Journal of Science and Mathematics Education</i> , 2023, 21, 1363-1380.	1.5	4
527	Female career interruption and social integration: An interaction between human capital and new media use. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
528	The expectations of employability skills in the Fourth Industrial Revolution of the communication and media industry in Malaysia. <i>Education and Training</i> , 2022, 64, 662-680.	1.7	5
529	Decision-making skills in the fourth industrial revolution. <i>Teaching Public Administration</i> , 2023, 41, 389-407.	1.2	1
530	The impact of attitude toward peer interaction on middle school students' problem-solving self-efficacy during the COVID-19 pandemic. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	3
531	Mind the contextâ€™The relevance of personality for face-to-face and computer-mediated communication. <i>PLoS ONE</i> , 2022, 17, e0272938.	1.1	3
532	Enhancing critical thinking skills and media literacy in initial vocational education and training via self-nudging: The contribution of NERDVET project. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0

#	ARTICLE	IF	CITATIONS
533	Exploring preservice teachers' digital skills, stress, and coping strategies during online lessons amid covid-19 pandemic in Ghana. <i>Cogent Education</i> , 2022, 9, .	0.6	6
534	Undergraduate students' perceptions of the development of generic competences and their relevance to the engineering profession. <i>European Journal of Engineering Education</i> , 2022, 47, 1061-1082.	1.5	3
535	Human Resource Development, Careers and Employability in an Era of Disruption. , 2022, , 367-379.		1
536	Employment 5.0: The work of the future and the future of work. <i>Technology in Society</i> , 2022, 71, 102086.	4.8	46
538	Building 21st Century Skills Through Technology in General Music Classes. , 2022, 36, 21-31.		1
539	Does teacher's data literacy and digital teaching competence influence empowering students in the classroom? Evidence from China. <i>Education and Information Technologies</i> , 2023, 28, 2845-2867.	3.5	15
540	Adaptation and validation of a critical thinking scale to measure the 3D critical thinking ability of EFL readers. <i>Language Testing in Asia</i> , 2022, 12, .	1.0	3
541	Critical Project Management Knowledge and Skills for Managing Projects with Smart Technologies. <i>Journal of Management in Engineering - ASCE</i> , 2022, 38, .	2.6	7
542	Determining the E-Learning Readiness of Higher Education Students: A Study During the COVID-19 Pandemic. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
543	From the Workplace to the Classroom: How Ideas from Industry Can Inspire New Kinds of Learning. , 2022, , 3-21.		0
544	Co-design of Technical Upskilling Training Program Through Early Stakeholder Involvement. <i>Lecture Notes in Computer Science</i> , 2022, , 175-186.	1.0	2
545	Quality of Literature Reviews. , 2022, , 57-105.		0
546	Adaptarse al nuevo contexto educativo: hacia un modelo teórico-práctico para la docencia online. <i>Revista Complutense De Educacion</i> , 2022, 33, 635-643.	0.3	0
548	Knowledge and skills of the digital transformation of the Greek public school in the post covid era. , 2022, , .		3
549	Efecto de Las Competencias Digitales Y Las Competencias Mediáticas Sobre El Uso Del Audiovisual Educativo En la Educación a Distancia. <i>American Journal of Distance Education</i> , 2022, 36, 242-261.	1.0	1
550	Priming creativity: Doing math reduces creativity and happiness whereas playing short online games enhance them. <i>Frontiers in Education</i> , 0, 7, .	1.2	1
551	Digital Skills Framework in Higher Education. , 0, , .		2
552	The Moderating Role of Information Security Behaviour (ISB) on the Relationship between Digital Literacy (DL) and Information Security Culture (ISC): A Proposed Research Framework. , 0, , .		0

#	ARTICLE	IF	CITATIONS
553	Escape Rooms in Health Education. <i>Journal of Physical Education, Recreation and Dance</i> , 2022, 93, 47-51.	0.1	0
554	Distance Learning to Ensure Educational Sustainability in the Era of COVID-19 in Kingdom of Bahrain. <i>Studies in Systems, Decision and Control</i> , 2023, , 571-580.	0.8	0
555	A Framework for Developing Educational Industry 4.0 Activities and Study Materials. <i>Education Sciences</i> , 2022, 12, 659.	1.4	3
556	Expanding disciplinary and interdisciplinary core idea maps by students to promote perceived self-efficacy in learning science. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	1
557	Collaboration and communication in blended learning environments. <i>Frontiers in Education</i> , 0, 7, .	1.2	4
558	Lembar Kegiatan Peserta Didik (LKPD) berbasis Problem Solving pada Materi Bakteri untuk Kelas X SMA/MA. <i>Journal for Lesson and Learning Studies</i> , 2021, 4, 343-349.	0.1	1
559	Systematically promoting job-specific digital competencies in the health professions: A teaching concept / Berufsspezifische digitale Kompetenzen in den Gesundheitsfachberufen systematisch fördern: Ein Lehrkonzept. <i>International Journal of Health Professions</i> , 2022, 9, 89-103.	0.3	0
560	AMO model for neuro-inclusive remote workplace. <i>Personnel Review</i> , 2022, 51, 1867-1882.	1.6	2
562	Shaping the Future of Shared Services Centers: Insights from a Delphi Study About SSC Transformation Towards 2030. <i>Journal of the Knowledge Economy</i> , 0, , .	2.7	2
563	De digitale transformatie van finance & control: een analyse van de gevolgen voor controllers. <i>Maandblad Voor Accountancy En Bedrijfseconomie</i> , 2022, 96, 285-297.	0.1	0
564	Digital Transformation Evaluation for Small- and Medium-Sized Manufacturing Enterprises Using the Fuzzy Synthetic Method DEMATEL-ANP. <i>Sustainability</i> , 2022, 14, 13038.	1.6	7
565	Determining the e-learning readiness of higher education students: A study during the COVID-19 pandemic. <i>Heliyon</i> , 2022, 8, e11160.	1.4	9
566	Adaptation of higher education students' digital skills survey to Russian universities. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2022, 18, em2183.	0.7	8
567	Standards of Teacher Digital Competence in Higher Education: A Systematic Literature Review. <i>Sustainability</i> , 2022, 14, 13983.	1.6	11
568	A psychological perspective on the sociotechnical enablers of knowledge worker digital creativity. <i>Digital Creativity</i> , 2022, 33, 314-328.	0.8	1
569	Digital age: The importance of 21st century skills among the undergraduates. <i>Frontiers in Education</i> , 0, 7, .	1.2	5
570	Investigating digital skills among Russian higher education students. <i>Contemporary Educational Technology</i> , 2023, 15, ep398.	1.3	3
571	Linking Diverse Datasets to Inform Career Development Learning for Students from Low SES Backgrounds. <i>Sustainable Development Goals Series</i> , 2022, , 79-90.	0.2	0

#	ARTICLE	IF	CITATIONS
572	Analysing the Factors Influencing Digital Technology Adoption in Manufacturing Sectors: Leadership Effectiveness as a Mediator. <i>WSEAS Transactions on Business and Economics</i> , 2022, 19, 1764-1787.	0.3	2
573	Can digital skill protect against job displacement risk caused by artificial intelligence? Empirical evidence from 701 detailed occupations. <i>PLoS ONE</i> , 2022, 17, e0277280.	1.1	5
574	School-based outdoor education: a neglected practice at secondary level. <i>Journal of Adventure Education and Outdoor Learning</i> , 0, , 1-17.	1.2	0
575	Life Course Justice and Learning. <i>Social Inclusion</i> , 2022, 10, 76-78.	0.6	0
576	Classes of problematic smartphone use and information and communication technology (ICT) self-efficacy. <i>Journal of Applied Developmental Psychology</i> , 2022, 83, 101481.	0.8	4
577	Research Status, Hotspots, and Evolutionary Trends of Global Digital Education via Knowledge Graph Analysis. <i>Sustainability</i> , 2022, 14, 15157.	1.6	8
578	Studentâ€™s digital competences in Belgium and Romania: A comparative analysis. <i>Frontiers in Education</i> , 0, 7, .	1.2	0
579	Police Leadership 2.0.: A comprehensive systematic review of the literature. <i>Policing (Oxford)</i> , 0, , .	0.9	0
580	Enhancing the 4Cs among college students of a communication skills course in Tanzania through a project-based learning model. <i>Education and Information Technologies</i> , 2023, 28, 6269-6285.	3.5	4
581	A new digital literacy framework to mitigate misinformation in social media infodemic. <i>Global Knowledge, Memory and Communication</i> , 2022, ahead-of-print, .	0.9	2
582	The concept of collaborative engineering: a systematic literature review. <i>Production and Manufacturing Research</i> , 2022, 10, 784-839.	0.9	3
583	Growth of critical thinking skills in middle school immersive science learning environments. <i>Thinking Skills and Creativity</i> , 2022, 46, 101192.	1.9	3
584	Educational assessment of 21st century skillsâ€™ novel initiatives, yet a lack of systemic transformation. , 2023, , 245-255.		2
585	Acquiring Marketing Communication Competences of the Future - Expectations of Polish Students. <i>Social Communication</i> , 2022, 8, 29-40.	0.2	0
586	Digital literacy and green consumption behavior: Exploring dual psychological mechanisms. <i>Journal of Consumer Behaviour</i> , 2023, 22, 272-287.	2.6	4
587	An integrative review of the continuing professional development needs for nurse educators. <i>Nurse Education Today</i> , 2023, 121, 105695.	1.4	4
588	Does psychological empowerment mediate the relationship between digital competencies and job performance?. <i>Computers in Human Behavior</i> , 2023, 140, 107575.	5.1	17
589	The Landscape of AI Literacy. , 2022, , 31-60.		1



#	ARTICLE	IF	CITATIONS
590	AI Literacy from Educatorsâ€™ Perspectives. , 2022, , 131-139.		2
591	Using Gamification for Assessing Soft Skills: A Serious Game design. , 2022, , .		0
592	Arabic Learning Design Based on 21st Century Skills during the Covid-19 Pandemic in Indonesia. Jurnal Iqra': Kajian Ilmu Pendidikan, 2022, 7, 1-14.	0.2	1
593	Designing a Data Science Course for Non-Computer Science Students: Practical Considerations and Findings. , 2022, , .		1
594	Identifying Elements of Gamification for Reading Music Notation in Music Education. , 2022, , .		1
595	Technology-Enhanced and Student-Centered Learning as a Method to Foster Studentsâ€™ ICT Competence and Problem Coping Skills. , 2022, , .		3
596	Determination of Digital Density Efficiency by Data Envelopment Analysis: EU Member States. Selcuk Ul^niversitesi Sosyal Bilimler Enstitul^sul^ Dergisi, 2022, , 175-190.	0.2	1
597	BeÄŸerÄ® Sermaye ve Dijitalin Tematik DÄŸinÄ¼ÄŸÄ¼mÄ¼: WoS TabanlÄ± Bir Bibliyometrik Analiz. Akademik AraÄŸtÄ±rmalar Ve ÄŖalÄ±ÅŸmalar Dergisi, 2022, 14, 361-380.	0.2	0
598	The 2CGÄ® Poetry Machineâ€•a Hybrid Approach to Human Capability Cultivation with Disruptive Artistic Impulses. Lecture Notes in Networks and Systems, 2023, , 235-247.	0.5	0
599	Identification of Future Competencies Required for Business Education Students. , 0, , .		0
600	DÄ®marche dÄ®initiation aux pÄ®dagogies actives en languesÄ: dÄ®veloppement de la littÄ®ratie numÄ®rique dans un environnement virtuel collaboratif. Recherche Et Pratiques Pdagogiques En Langues De Specialite - Cahiers De L'APLIUT, 2022, , .	0.0	0
601	Digital competencies and skills as a determinant factor in Higher Education. Human Review, 2022, 11, 1-17.	0.0	0
602	Motivational beliefs, an important contrivance in elevating digital literacy among university students. Heliyon, 2022, 8, e11913.	1.4	10
603	Fostering an Entrepreneurial Mindset Through Project-Based Learning and Digital Technologies in STEM Teacher Education. Integrated Science, 2023, , 195-222.	0.1	10
605	Educational robotics and STEM in primary education: aÄ®review and a meta-analysis. Journal of Research on Technology in Education, 0, , 1-15.	4.0	6
606	The effects of the 21st century skills curriculum on the development of studentsâ€™ creative thinking skills. Thinking Skills and Creativity, 2023, 47, 101229.	1.9	9
607	Digitales Lernen ist kein SelbstlÄ®ufer â€• individuelle und organisationale Voraussetzungen fÄ¼r digitales Lernen. , 2023, , 41-50.		0
608	Impact of Acquisition of Digital Skills on Perceived Employability of Youth: Mediating Role of Course Quality. Information (Switzerland), 2023, 14, 42.	1.7	4

#	ARTICLE	IF	CITATIONS
609	Digital intelligence as a partner of emotional intelligence in business administration. <i>Asia Pacific Management Review</i> , 2023, 28, 390-400.	2.6	4
610	A Socio-Technical Framework for Lean Project Management Implementation towards Sustainable Value in the Digital Transformation Context. <i>Sustainability</i> , 2023, 15, 1756.	1.6	4
611	Digitally Deprived Children in Europe. <i>Child Indicators Research</i> , 2023, 16, 1315-1339.	1.1	13
612	Robotics Education in STEM Units: Breaking Down Barriers in Rural Multigrade Schools. <i>Sensors</i> , 2023, 23, 387.	2.1	2
613	Competencies for the artificial intelligence age: visualisation of the state of the art and future perspectives. <i>Review of Managerial Science</i> , 2023, 17, 1971-2004.	4.3	15
614	Digital Literacy and Primary Educational System in Benin City, Edo State, Nigeria. <i>Humanities and Social Sciences Latvia</i> , 2022, 30, 52-69.	0.1	0
615	Pre-tertiary subject choice as predictors of undergraduate attainment and academic preparedness in Psychology. , 2021, 27, 9-25.		0
617	Exploring the Professional Development and Improvement Strategies of College Teachersâ€™ Skills in the Twenty-First Century in the Era of Covid-19. , 0, , .		0
618	ICT efficacy and response to different needs in university classrooms: effects on attitudes and active behaviour towards technology. <i>Journal of Computing in Higher Education</i> , 0, , .	3.9	4
619	Learning science model based on Indonesia partnership for 21th century skills standard (IP21CSS). <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
620	Generation Z â€™Life Skillsâ€™ Acquired and Enhanced through Internships before and during COVID-19 Pandemic. <i>Administrative Sciences</i> , 2023, 13, 38.	1.5	3
621	Constructivism learning theory: A paradigm for studentsâ€™ critical thinking, creativity, and problem solving to affect academic performance in higher education. <i>Cogent Education</i> , 2023, 10, .	0.6	6
622	Innovation and Practice of Flipped Classroom from the Perspective of Cultural Confidence. , 2023, , 88-98.		0
623	Using Graph Theory to Optimize Career Transitions. <i>Studies in Business and Economics</i> , 2022, 17, 162-174.	0.3	1
624	Synthesis of Necessity and Opportunity Motivation Factors in Women Entrepreneurship: A Systematic Literature Review. <i>SAGE Open</i> , 2023, 13, 215824402311592.	0.8	2
625	Uncovering important 21st-century skills for sustainable career development of social sciences graduates: A systematic review. <i>Educational Research Review</i> , 2023, 39, 100528.	4.1	12
626	Reviewing literature through multidimensional representations. <i>International Journal of Accounting Information Systems</i> , 2023, 49, 100622.	2.6	0
627	A review of using multilevel modeling in e-learning research. <i>Computers and Education</i> , 2023, 198, 104762.	5.1	6

#	ARTICLE	IF	CITATIONS
628	Development and validation of a higher-order thinking skills assessment scale for pre-service teachers. <i>Thinking Skills and Creativity</i> , 2023, 48, 101272.	1.9	7
629	The Effect of Critical Thinking on Translation Technology Competence Among College Students: The Chain Mediating Role of Academic Self-Efficacy and Cultural Intelligence. <i>Psychology Research and Behavior Management</i> , 0, Volume 16, 1233-1256.	1.3	0
630	Tools for assessing teacher digital literacy: a review. <i>Journal of Computers in Education</i> , 2024, 11, 305-346.	5.0	13
631	Critical Thinking Assessment in Adults: Methodology and Development Experience. <i>Sovremennaya Zarubezhnaya Psihologiya</i> , 2022, 11, 105-116.	0.8	0
632	Competencias digitales de los docentes en formaci3n. <i>Civilizar</i> , 2022, 22, e20220105.	0.1	1
633	BPM Maturity and Digital Leadership: An exploratory study. , 2020, 18, .		4
634	Resilience process in Bidikmisi students: understanding risk, protective and promotive factor, and resilient outcome. <i>Cogent Education</i> , 2022, 9, .	0.6	0
635	Student Innovation Development based on Cultural Intelligence in the Context of Cultural Diversity : "A Case Study of Apparel Fashion Design. , 2022, , .		0
636	A Heterogeneity Study on the Effect of Digital Education Technology on the Sustainability of Cognitive Ability for Middle School Students. <i>Sustainability</i> , 2023, 15, 2784.	1.6	5
637	Digital Tools to Promote STEM Education in New Normality. <i>Advanced Series in Management</i> , 2023, , 107-121.	0.8	0
638	How does social media use impact subjective well-being? Examining the suppressing role of Internet addiction and the moderating effect of digital skills. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	1
639	Association between digital literacy, internet addiction, and cyberloafing among higher education students: A structural equation modeling. <i>E-Learning and Digital Media</i> , 0, , 204275302311561.	1.5	1
640	Gender Differences in ICT Literacy: ICT-Related Individual Characteristics and Enabling Factors. , 2023, , 153-171.		0
641	The micro-foundations of digitally transforming SMEs: How digital literacy and technology interact with managerial attributes. <i>Journal of Business Research</i> , 2023, 159, 113755.	5.8	25
642	Fostering twenty-first century digital skills by the means of educational platforms in the times of COVID-19. <i>Interactive Learning Environments</i> , 0, , 1-10.	4.4	0
643	Non-formal education: The review of current studies. <i>Obrazovanie I Nauka</i> , 2023, 25, 46-67.	0.3	0
644	Implementation of PBL Model on Strengthening Students' Numerical Literacy and Digital Literacy Skills. <i>Jurnal Obsesi</i> , 2023, 7, 575-586.	0.4	1
645	Teachers'™ AI digital competencies and twenty-first century skills in the post-pandemic world. <i>Educational Technology Research and Development</i> , 2023, 71, 137-161.	2.0	34

#	ARTICLE	IF	CITATIONS
646	How the Pandemic Helped and Hindered Student-Centered Learning. <i>Lecture Notes in Networks and Systems</i> , 2023, , 75-86.	0.5	0
647	Improving the Digital and Pedagogical Competence in Engineering Educational Context. <i>Lecture Notes in Networks and Systems</i> , 2023, , 388-399.	0.5	0
648	Investigating the effects of online communication apprehension and digital technology anxiety on organizational dissent in virtual teams. <i>Computers in Human Behavior</i> , 2023, 144, 107719.	5.1	3
649	The skills that help employees adapt: Empirical validation of a four-category framework. <i>PLoS ONE</i> , 2023, 18, e0282074.	1.1	0
650	Computer-Supported Collaborative Learning: Die Rolle des Digitalen bei der Unterstützung von kooperativem Lernen. , 2023, , 127-164.		0
651	Navigating through entrepreneurial skills, competencies and capabilities: a systematic literature review and the development of the entrepreneurial ability model. <i>Journal of Entrepreneurship in Emerging Economies</i> , 2023, ahead-of-print, .	1.5	8
652	Digital Research Skills in Secondary Science Education: A Guiding Framework and University Teachers' Perception. <i>European Journal of STEM Education</i> , 2023, 8, 03.	0.7	0
653	A case study of interdisciplinary thematic learning curriculum to cultivate "4C skills". <i>Frontiers in Psychology</i> , 0, 14, .	1.1	5
654	Detecting the Effect of Internet Skill and e-Leadership on the Productivity of Working from Home. , 2022, , .		0
655	Recognition of the Perceived Benefits of Smartphones and Tablets and Their Influence on the Quality of Learning Outcomes by Students in Lower Secondary Biology Classes. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 3379.	1.3	3
656	Beyond the Traditional: A Systematic Review of Digital Game-Based Assessment for Students' Knowledge, Skills, and Affections. <i>Sustainability</i> , 2023, 15, 4693.	1.6	0
657	Effect of Web-Based Collaborative Learning Method with Scratch on Critical Thinking Skills of 5th Grade Students. <i>Participatory Educational Research</i> , 2023, 10, 82-104.	0.4	0
658	Parents' digital skills and their development in the context of the Corona pandemic. <i>Humanities and Social Sciences Communications</i> , 2023, 10, .	1.3	2
659	Contribution of Local Product Purchase Policy to Improvement of the 21st Century Learning. <i>WSEAS Transactions on Systems</i> , 2023, 22, 231-241.	0.2	1
660	Creativity, Critical Thinking, Communication, and Collaboration: Assessment, Certification, and Promotion of 21st Century Skills for the Future of Work and Education. <i>Journal of Intelligence</i> , 2023, 11, 54.	1.3	24
661	Project-based entrepreneurial learning (PBEL): a blended model for startup creations at higher education institutions. <i>Journal of Innovation and Entrepreneurship</i> , 2023, 12, .	1.8	2
662	Virtual reality for prospective and process-related competence modeling"piloting a participatory approach and investigating user acceptance of the applied VR-tool. <i>Zeitschrift für Arbeitswissenschaft</i> , 0, , .	0.7	1
663	An Analysis of Barriers and Facilitators for the Development of Digital Competencies of Engineering Students. <i>Lecture Notes in Networks and Systems</i> , 2023, , 300-311.	0.5	0

#	ARTICLE	IF	CITATIONS
664	Industrial Design education in Australia: a competence analysis across primary, secondary and tertiary education levels. <i>International Journal of Technology and Design Education</i> , 2024, 34, 427-460.	1.7	1
665	Medical Educators's™ Response to Changes in Medical Education due to COVID's19. <i>Korean Medical Education Review</i> , 2021, 23, 168-175.	0.1	2
666	An examination of preservice classroom teachers's™ perceived importance, self-efficacy beliefs, practices, and conceptions related to new literacies: a mixed design study. <i>Journal of Computing in Higher Education</i> , 0, , .	3.9	0
667	A Bibliometric Analysis of Digital Literacy Research from 1990 to 2022 and Research on Emerging Themes during the COVID-19 Pandemic. <i>Sustainability</i> , 2023, 15, 5769.	1.6	2
668	ocial Studies Teachers' Perspectives on the Use of Digital Education Platform (EBA) in Teaching. <i>Abant Özzet Baysal Öcniversitesi EÄYitim FakÄ¼ltesi Dergisi</i> , 2023, 23, 933-958.	0.2	1
669	Editorial: New teaching and learning worlds - potentials and limitations of digitalization for innovative and sustainable research and practice in education and training. <i>Frontiers in Education</i> , 0, 8, .	1.2	0
670	Knowledge, Skills, and Competences (KSC) in the Knowledge-Based Economy. <i>Contributions To Management Science</i> , 2023, , 1-22.	0.4	0
671	Grades 7's12 teachers' perception of computational thinking for mathematics and technology. <i>Frontiers in Education</i> , 0, 8, .	1.2	0
672	Impact of anxiety on students' behavioural intention to use business simulation games. , 2023, , .		0
673	Experimentelle Escape Games im Lehr-Lern-Labor Ex3-Lab des Fachbereichs Chemie. <i>Edition Fachdidaktiken</i> , 2023, , 185-189.	0.0	0
674	Enterprise digitalization, employee digital literacy and R&D cooperation: the moderating role of organizational inertia. <i>Chinese Management Studies</i> , 2024, 18, 479-505.	0.7	3
675	Promoting children's computational thinking: A quasi'sexperimental study of web'smediated parent education. <i>Journal of Computer Assisted Learning</i> , 2023, 39, 1564-1575.	3.3	3
676	Self-efficacy and Digital Skill of University Teachers. <i>Communications in Computer and Information Science</i> , 2023, , 148-167.	0.4	0
681	The Struggle Is Real. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2023, , 187-204.	0.2	0
683	Workforce Nationalization in the UAE: Creating a Framework for Training Emirati Nationals for the Banking Sector. <i>The Political Economy of the Middle East</i> , 2023, , 203-223.	0.2	0
687	Skill Requirements and Employment of Immigrants in Swedish Hospitality. , 2023, , 263-290.		6
690	Future of Leadership. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2023, , 235-247.	0.3	0
693	The effect on the integration of local wisdom in physics educational applications: A review. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0

#	ARTICLE	IF	CITATIONS
695	Influences of a Professional Development Program on Teachers' Attitudes Towards Educational Technology and Digital Learning Resources for Inclusion. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2023, , 218-235.	0.2	0
696	Digital literacy within the context of industry-driven education. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
697	Generation Z Students'™ Digital Literacy on Online Learning Readiness. , 2023, , .		4
699	Utilizing Augmented Reality to Enhance Twenty-First Century Skills in Chemistry Education. , 2023, , .		0
700	Twenty-First Century Postgraduate Research. , 2023, , 1-11.		0
706	Content Development of "Literary Tourism"™ Within Blended Learning Concept " Case Study. <i>Lecture Notes in Computer Science</i> , 2023, , 139-150.	1.0	0
707	Developing Educator-Specific Digital Competences With Serious Game Design. <i>Advances in Game-based Learning Book Series</i> , 2023, , 50-69.	0.2	0
711	Marginalisation of Older Adults in the Digitalisation Drive in Ghana. <i>Advances in Higher Education and Professional Development Book Series</i> , 2023, , 176-201.	0.1	0
714	Blended Learning and Self-Direction. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2023, , 110-165.	0.2	0
719	Lernen und Entwicklung. , 2023, , 111-125.		0
721	Visualizer or verbalizer?: The best learning style to support the understanding of Pythagoras concept. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
725	Fostering Pedagogical Innovation in Tourism Education Through Experiential Learning. <i>Advances in Higher Education and Professional Development Book Series</i> , 2023, , 59-78.	0.1	0
726	Thinking style and inventive problem-solving skill for technical and engineering students. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
731	Using Business Intelligence Tools in Accounting Education. <i>Studies in Big Data</i> , 2023, , 163-177.	0.8	0
751	Cooperative Development of "Technical, Entrepreneurial Mindset in" Manufacturing. <i>Lecture Notes in Computer Science</i> , 2023, , 123-134.	1.0	0
758	Generating Synthetic Data for Better Prediction Modeling in Skill Demand Forecasting. , 2023, , .		0
767	Formen und Bedingungen des arbeitsbezogenen Lernens in einer sich dynamisch wandelnden Arbeitswelt. <i>Gruppe Interaktion Organisation Zeitschrift Fur Angewandte Organisationspsychologie</i> , 2023, 54, 281-287.	1.2	0
783	Day of AI: Innovating Pedagogical Practices to Bring AI Literacy to Classrooms at Scale. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2023, , 267-281.	0.5	0

#	ARTICLE	IF	CITATIONS
788	Tool for gamifying teachers practices: first iteration. , 2023, , .		0
793	Digital and Socio Emotional Benefits of the Students and the Teachers from the Implementation of a Steam Education Project. , 2023, , .		0
797	A Study of Problem-solving Ability in Science and Technology Innovation Courses Under the IPO Framework: Digital Literacy as A Mediator. , 2023, , .		0
799	Digital Competencies of Student Labor Teamsâ€™ Members. Lecture Notes in Networks and Systems, 2023, , 99-112.	0.5	0
809	Navigating the Future of Digital Transformation and Leadership. Future of Business and Finance, 2024, , 189-208.	0.3	0
810	Teaching Data Science to Non-Computer Science Students: A Learner-Centered Approach. , 2023, , .		0
811	What Makes Project Teams Succeed? Students' Post-Covid Perceptions on IT Project Management Education Fostering Professional Skills. , 2023, , .		0
816	The Role of Soft Skills in Engineering Education. , 2023, , .		0
818	Aligning Manufacturing Skills When Implementing Industry 5.0. , 2023, , .		0
822	Cyberbullying: problematic internet behaviors among children and youths. , 2024, , 37-50.		0
823	Introduction: Knowledge and Digital Technology. Knowledge and Space, 2024, , 1-13.	0.3	0
824	Perspective Chapter: Metacognitive Strategies â€œ Preparing Self-Regulated Learners in the Twenty-First Century. , 0, , .		0
827	Providing a Natural Language Processing App for Language Teachers. Lecture Notes in Networks and Systems, 2024, , 467-473.	0.5	0
830	Understanding corporate entrepreneurship in the digital age: a review and research agenda. Review of Managerial Science, 0, , .	4.3	0
831	Turning research into effective tools for shortcut mixed-mode problem-solving learning. , 2023, , .		0
833	Strategies for Designing Equitable, Accessible, and Effective Blended and Fully Online Education. Advances in Mobile and Distance Learning Book Series, 2024, , 31-49.	0.4	0
840	The Relationship Between Young Adults' Internet Skills and their Satisfaction with Life and Career. , 2023, , .		0
844	Incorporating Digital Skills in Accounting Education. , 2024, , 3-27.		0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------