Augmented reality technologies, systems and application

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Citation Report

#	Article	IF	CITATIONS
1	Controller area network based monitoring of vehicle's mechatronics system., 2011, , .		0
2	3D point cloud sensors for low-cost medical in-situ visualization. , 2011, , .		8
3	Low-Cost Augmented Reality Systems via 3D Point Cloud Sensors. , 2011, , .		15
4	Investigating students' perceived satisfaction, behavioral intention, and effectiveness of English learning using augmented reality. , $2011,\ldots$		23
5	An experimental virtual museum based on augmented reality and navigation. , $2011, , .$		16
6	Enhancing art history education through mobile augmented reality. , 2011, , .		8
7	Multiple 3D Object Tracking using ROI and Double Filtering for Augmented Reality. , $2011, , .$		1
8	Augmented Reality: A Review. Medical Reference Services Quarterly, 2012, 31, 212-218.	0.9	192
9	Natural interface in augmented reality interactive simulations. Virtual and Physical Prototyping, 2012, 7, 137-151.	5. 3	12
10	An Attitude-Based Reasoning Strategy to Enhance Interaction with Augmented Objects. , 2012, , .		3
11	When AR meets food: A structural overview of the research space on multi-facets of food. , 2012, , .		2
12	Mobile Edutainment with Interactive Augmented Reality Using Adaptive Marker Tracking. , 2012, , .		5
13	Mobile applications and 4G wireless networks: a framework for analysis. Campus Wide Information Systems, 2012, 29, 344-357.	1.1	26
14	The application of Augmented Reality technology for the exibition at archaeological site Medijana. , 2012, , .		1
15	Augmented reality applications in design and manufacturing. CIRP Annals - Manufacturing Technology, 2012, 61, 657-679.	1.7	549
16	Control of a remote laboratory by augmented reality. , 2012, , .		9
17	Video Based Real-World Remote Target Tracking on Smartphones. , 2012, , .		2
18	A Viewpoint about Diminished Reality: Is it Possible Remove Objects in Real Time from Scenes?., 2012,,.		1

#	ARTICLE	IF	CITATIONS
19	Components for bidirectional augmented broadcasting services on smart TVs. Multimedia Tools and Applications, 2013, 67, 687-708.	2.6	0
20	Using augmented reality for students health - case of combining educational learning with standard fitness. Multimedia Tools and Applications, 2013, 64, 407-421.	2.6	31
21	Exploration of spatial augmented reality on person. , 2013, , .		8
22	Stereo Camera Tracking for Mobile Devices. , 2013, , .		2
23	Gesture-based interaction via finger tracking for mobile augmented reality. Multimedia Tools and Applications, 2013, 62, 233-258.	2.6	143
24	Impact of an augmented reality system on students' motivation for a visual art course. Computers and Education, 2013, 68, 586-596.	5.1	703
25	An investigation of learners' collaborative knowledge construction performances and behavior patterns in an augmented reality simulation system. Computers and Education, 2013, 68, 314-321.	5.1	210
26	Virtualisation of floricultural supply chains: A review from an Internet of Things perspective. Computers and Electronics in Agriculture, 2013, 99, 160-175.	3.7	124
27	Multiple 3D object position estimation and tracking using double filtering on multi-core processor. Multimedia Tools and Applications, 2013, 63, 161-180.	2.6	5
28	Mobile applications using augmented reality to support older people. , 2013, , .		10
29	Learners' motivation in an augmented reality E-learning system. , 2013, , .		4
30	Mobile Cross Reality for cultural heritage. , 2013, , .		12
31	Tracking-based interaction for object creation in mobile augmented reality. , $2013, \ldots$		6
32	Color correction for optical see-through displays using display color profiles. , 2013, , .		43
33	Augmented navigation in outdoor environments., 2013,,.		5
34	Real-time visual tracking of less textured three-dimensional objects on mobile platforms. Optical Engineering, 2013, 51, 1.	0.5	7
35	Design of interactive museographic exhibits using Augmented reality., 2013,,.		4
36	Moving from Virtual Reality Exposure-Based Therapy to Augmented Reality Exposure-Based Therapy: A Review. Frontiers in Human Neuroscience, 2014, 8, 112.	1.0	174

#	ARTICLE	IF	CITATIONS
37	RECURSOS DIGITALES AUTÓNOMOS MEDIANTE REALIDAD AUMENTADA. RIED: Revista Iberoamericana De Educaci \tilde{A}^3 n A Distancia, 2014, 17, .	0.8	21
38	Intelligent Composite Layup by the Application of Low Cost Tracking and Projection Technologies. Procedia CIRP, 2014, 25, 122-131.	1.0	11
39	3D Visualization via Augmented Reality: The Case of the Middle Stoa in the Ancient Agora of Athens. Lecture Notes in Computer Science, 2014, , 279-289.	1.0	11
40	Fostering Collaboration among Restoration Professionals Using Augmented Reality., 2014,,.		1
41	AuGeo: A geolocation-based augmented reality application for vocational geodesy education. , 2014, , .		11
42	Two-dimensional and three-dimensional transparent screens based on lens-array holographic optical elements. Optics Express, 2014, 22, 14363.	1.7	46
43	Virtual co-location to support remote assistance for inflight maintenance in ground training for space missions. , $2014, , .$		15
44	Location-Based Learning through Augmented Reality. Journal of Educational Computing Research, 2014, 51, 355-368.	3.6	15
45	Proposal of an Information System for an Adaptive Mixed Reality System for Archaeological Sites. Procedia Technology, 2014, 16, 499-507.	1.1	9
46	FLARE: Fast layout for augmented reality applications. , 2014, , .		42
47	A service-oriented mobile augmented reality architecture for personalized museum environments. , 2014, , .		2
48	A learning environment for augmented reality mobile learning. , 2014, , .		12
49	Towards Augmented Reality Applications in a Mobile Web Context. , 2014, , .		8
50	[Poster] classifications of augmented reality uses in marketing. , 2014, , .		19
51	Repetitive Drag & Camp; amp; Drop of AR Objects: A Pilot Study. , 2014, , .		0
52	Virtual Reality Technology and Applications. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , .	0.3	72
53	A social navigation guide using augmented reality. , 2014, , .		6
54	Augmented Presentations: Supporting the Communication in Presentations by Means of Augmented Reality. International Journal of Human-Computer Interaction, 2014, 30, 829-838.	3.3	14

#	Article	IF	CITATIONS
55	A quadratic spline approximation using detail multi-layer for soft shadow generation in augmented reality. Multimedia Tools and Applications, 2014, 73, 1225-1245.	2.6	9
56	Haptic interaction with objects in a picture based on pose estimation. Multimedia Tools and Applications, 2014, 72, 2041-2062.	2.6	6
57	Future Trends of Virtual, Augmented Reality, and Games for Health. Intelligent Systems Reference Library, 2014, , 1-6.	1.0	31
58	Mobile augmented reality based context-aware library management system. Expert Systems With Applications, 2014, 41, 2174-2185.	4.4	41
59	ARPP: An Augmented Reality 3D ping-pong game system on Android mobile platform. , 2014, , .		1
60	Enhancing hand interaction patterns for virtual objects in mobile augmented reality using marker-less tracking. , 2014, , .		4
61	Interactive operation of physically-based slender flexible parts in an augmented reality environment. Science China Technological Sciences, 2014, 57, 1383-1391.	2.0	12
62	The antecedents and consequences of product and process innovation strategy implementation in Australian manufacturing firms. International Journal of Production Research, 2014, 52, 4424-4439.	4.9	65
63	A survey on pervasive education. Pervasive and Mobile Computing, 2014, 14, 3-16.	2.1	39
64	Virtual, Augmented Reality and Serious Games for Healthcare 1. Intelligent Systems Reference Library, 2014, , .	1.0	81
65	Numerical Analysis of Complex Physical Systems on Networked Mobile Devices. , 2015, , .		2
66	Indoor/Outdoor Mobile Navigation via Knowledge-Based POI Discovery in Augmented Reality. , 2015, , .		11
67	On the Interplay between Data Overlay and Real-World Context using See-through Displays. , 2015, , .		9
68	Using Smart Glasses to Document Maintenance Processes. , 2015, , 203-208.		11
69	Applying 3D printing and genetic algorithm-generated anticipatory system dynamics models to a homeland security challenge. , 2015, , .		1
70	The application of service orientation on a mobile AR platform $\hat{a} \in "a$ museum scenario. , 2015, , .		6
71	Collaboration in Augmented Reality. Computer Supported Cooperative Work, 2015, 24, 515-525.	1.9	94
72	Approach to the Interior Design Using Augmented Reality Technology. , 2015, , .		11

#	Article	IF	CITATIONS
73	The next problems to solve in augmented reality. , 2015, , .		6
74	Preparing augmented reality learning content should be easy: UNED ARLEâ€"an authoring tool for augmented reality learning environments. Computer Applications in Engineering Education, 2015, 23, 778-789.	2.2	37
75	Applications of 3D City Models: State of the Art Review. ISPRS International Journal of Geo-Information, 2015, 4, 2842-2889.	1.4	492
76	Assembly auxiliary system for narrow cabins of spacecraft. Chinese Journal of Mechanical Engineering (English Edition), 2015, 28, 1080-1088.	1.9	10
77	An Engine Enabling Location-Based Mobile Augmented Reality Applications. Lecture Notes in Business Information Processing, 2015, , 363-378.	0.8	6
78	Visualizing Big Data with augmented and virtual reality: challenges and research agenda. Journal of Big Data, 2015, 2, .	6.9	193
79	High-Precision Calibration for MEMS Gyroscopes Based on Persistent Excitation Signal Criterion. Mapan - Journal of Metrology Society of India, 2015, 30, 161-168.	1.0	2
80	Three-dimensional content in mobile applications for educational information systems. , 2015, , .		1
81	Object recognition in assembly assisted by augmented reality system. , 2015, , .		15
82	ReNLoc: An anchor-free localization algorithm for indirect ranging. , 2015, , .		2
83	Portable waveguide display system with a large field of view by integrating freeform elements and volume holograms. Optics Express, 2015, 23, 3534.	1.7	115
84	Teaching based on augmented reality for a technical creative design course. Computers and Education, 2015, 81, 221-234.	5.1	203
85	Augmenting the Senses: A Review on Sensor-Based Learning Support. Sensors, 2015, 15, 4097-4133.	2.1	81
86	Smart cities: an effective urban development and management model?. Australian Planner, 2015, 52, 27-34.	0.6	140
87	Mobile User Interfaces based on User Attention. , 2015, , .		6
88	Augmented Reality 3D Displays With Micro Integral Imaging. Journal of Display Technology, 2015, 11, 889-893.	1.3	43
90	Augmented and Virtual Reality. Lecture Notes in Computer Science, 2015, , .	1.0	5
91	The integration of augmented reality in the virtual learning environment for practical activities. , 2015, , .		3

#	Article	IF	Citations
92	A computer vision-based assistant system for the assembly of narrow cabin products. International Journal of Advanced Manufacturing Technology, 2015, 76, 281-293.	1.5	36
93	BoreholeAR: A mobile tablet application for effective borehole database visualization using an augmented reality technology. Computers and Geosciences, 2015, 76, 41-49.	2.0	20
94	Demystifying the design of mobile augmented reality applications. Multimedia Tools and Applications, 2015, 74, 1045-1066.	2.6	93
95	Data modeling mobile augmented reality: integrated mind and body rehabilitation. Multimedia Tools and Applications, 2015, 74, 3543-3560.	2.6	15
96	Design and application of augmented reality query-answering system in mobile phone information navigation. Expert Systems With Applications, 2015, 42, 810-820.	4.4	32
97	3D Catalogue based on Augmented Reality in Android Operating System. MATEC Web of Conferences, 2016, 54, 05002.	0.1	1
98	Design Features of Wearable AR Information Display for Surgery and Anesthesiology. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 571-575.	0.2	4
99	Augmented Reality in Medicine. Hanyang Medical Reviews, 2016, 36, 242.	0.4	41
100	Visual EKF-SLAM from Heterogeneous Landmarks. Sensors, 2016, 16, 489.	2.1	17
101	3-1: A Multi-plane Volumetric Optical See-through Head Mounted 3D Display. Digest of Technical Papers SID International Symposium, 2016, 47, 1-3.	0.1	8
102	Universal Access in Human-Computer Interaction. Interaction Techniques and Environments. Lecture Notes in Computer Science, 2016, , .	1.0	1
103	Smart maintenance of riverbanks using a standard data layer and Augmented Reality. Computers and Geosciences, 2016, 95, 67-74.	2.0	21
104	Data Edibilization., 2016,,.		30
105	Empirical study on important elements of mobile augmented reality application for heritage content. , 2016, , .		2
106	Towards gaze-based interaction with urban outdoor spaces. , 2016, , .		2
107	Augmented Virtual Doctor Office: Theory-based Design and Assessment. Journal of Management Information Systems, 2016, 33, 776-808.	2.1	32
108	Revealing the Shopper Experience of Using a "Magic Mirror" Augmented Reality Make-Up Application. , 2016, , .		49
109	The Learning Affordances of Augmented Reality for Museum Exhibits on Human Health. Museums and Social Issues, 2016, 11, 73-87.	0.2	17

#	Article	IF	Citations
110	Systematic review on the effectiveness of augmented reality applications in medical training. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 4174-4183.	1.3	399
111	DiedricAR: a mobile augmented reality system designed for the ubiquitous descriptive geometry learning. Multimedia Tools and Applications, 2016, 75, 9641-9663.	2.6	45
112	Head Mounted Projection Display & Display & Attention. , 2016, , .		7
113	Results of an evaluation of augmented reality mobile development frameworks for addresses in augmented reality. Spatial Information Research, 2016, 24, 211-223.	1.3	7
114	Monocular 3D see-through head-mounted display via complex amplitude modulation. Optics Express, 2016, 24, 17372.	1.7	56
115	A multi-plane optical see-through head mounted display design for augmented reality applications. Journal of the Society for Information Display, 2016, 24, 246-251.	0.8	50
116	Registration errors in beacon-based navigation guidance systems: Influences on path efficiency and user reliance. International Journal of Human Computer Studies, 2016, 96, 1-11.	3.7	12
117	Architecture of green sensor mobile cloud computing. IET Wireless Sensor Systems, 2016, 6, 109-120.	1.3	18
118	Language therapy of aphasia supported by augmented reality applications. , 2016, , .		5
119	Visualizing Big Data. , 2016, , 101-131.		6
120	A mobile augmented reality system to support machinery operations in scholar environments. Computer Applications in Engineering Education, 2016, 24, 967-981.	2.2	37
121	Color transparent screen using planar glass combined with lens array holographic optical elements. Proceedings of SPIE, 2016, , .	0.8	0
122	Drone Technology: Types, Payloads, Applications, Frequency Spectrum Issues and Future Developments. Information Technology & Law Series, 2016, , 21-45.	0.9	125
123	Virtual Planning, Control, and Machining for a Modular-Based Automated Factory Operation in an Augmented Reality Environment. Scientific Reports, 2016, 6, 27380.	1.6	14
124	Design of a holographic waveguide with L configuration. Proceedings of SPIE, 2016, , .	0.8	0
125	Giok. , 2016, , .		3
126	Augmented Reality, Virtual Learning Environment and Mobile Learning in education: A comparison. , $2016, , .$		16
127	â€~It's an illusion, but it looks real!' Consumer affective, cognitive and behavioural responses to augmented reality applications. Journal of Marketing Management, 2016, 32, 987-1011.	1.2	211

#	Article	IF	Citations
128	Augmented Reality, Virtual Reality, and Computer Graphics. Lecture Notes in Computer Science, 2016, , .	1.0	11
129	Novelty Effects in Augmented Reality Advertising Environments: The Influence of Exposure Time and Self-Efficacy. Journal of Current Issues and Research in Advertising, 2016, 37, 113-130.	2.8	70
130	Understanding users' continuance intention toward smartphone augmented reality applications. Information Development, 2016, 32, 161-174.	1.4	84
131	Towards An Understanding of Mobile Touch Navigation in a Stereoscopic Viewing Environment for 3D Data Exploration. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 1616-1629.	2.9	37
132	Handheld Visual Representation of a Castle Chapel Ruin. Journal on Computing and Cultural Heritage, 2016, 9, 1-18.	1.2	22
133	Magnified augmented reality 3D display based on integral imaging. Optik, 2016, 127, 4250-4253.	1.4	14
134	A 3D GIS-based interactive registration mechanism for outdoor augmented reality system. Expert Systems With Applications, 2016, 55, 48-58.	4.4	38
135	Predicting the use of smartphone-based Augmented Reality (AR): Does telepresence really help?. Computers in Human Behavior, 2016, 59, 28-38.	5.1	91
136	Augmented reality: Research agenda for studying the impact of its media characteristics on consumer behaviour. Journal of Retailing and Consumer Services, 2016, 30, 252-261.	5.3	362
137	Exploring legibility of augmented reality X-ray. Multimedia Tools and Applications, 2016, 75, 9563-9585.	2.6	8
138	Wide Field Of View Varifocal Near-Eye Display Using See-Through Deformable Membrane Mirrors. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 1322-1331.	2.9	126
139	Augmented Reality Applications for Education: Five Directions for Future Research. Lecture Notes in Computer Science, 2017, , 402-414.	1.0	22
140	TriPOD: A Prototypal System for the Recognition of Capacitive Widget on Touchscreen Addressed for Montessori-Like Educational Applications. Advances in Intelligent Systems and Computing, 2017, , 664-676.	0.5	5
141	A transmedia storytelling system to transform recorded film memories into visual history. Entertainment Computing, 2017, 21, 65-75.	1.8	16
142	Enhancing the online decision-making process by using augmented reality: A two country comparison of youth markets. Journal of Retailing and Consumer Services, 2017, 38, 81-95.	5.3	208
143	The Evolution of Azuma's Augmented Reality– An Overview of 20 Years of Research. Advances in Intelligent Systems and Computing, 2017, , 259-266.	0.5	0
144	Augmented Reality Design Heuristics: Designing for Dynamic Interactions. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 2100-2104.	0.2	47
145	Synthetic holographic display for three — Dimensional optical see —Through augmented reality using a zero-order nulled grating. Optik, 2017, 149, 239-245.	1.4	2

#	Article	IF	CITATIONS
146	51â€1: <i>Invited Paper</i> : True 3D Realization in the Seeâ€Through Headâ€Mounted Display with Complex Amplitude Modulation. Digest of Technical Papers SID International Symposium, 2017, 48, 756-758.	0.1	0
147	Color waveguide transparent screen using lens array holographic optical element. Optics Communications, 2017, 403, 376-380.	1.0	6
148	Semi-automatic methodology for augmented panorama development in industrial outdoor environments. Advances in Engineering Software, 2017, 114, 282-294.	1.8	6
149	Adaptive multimodal interaction in mobile augmented reality: A conceptual framework. AIP Conference Proceedings, 2017, , .	0.3	3
150	Towards Using Mobile Technologies to Digitise a Table-Top Game for Accountancy Students. , 2017, , .		1
151	Augmented Reality Based Brain Tumor 3D Visualization. Procedia Computer Science, 2017, 113, 400-407.	1.2	17
152	51â€3: A Multiâ€plane Optical Seeâ€through Head Mounted Display with Reverse Mode PSLC. Digest of Technical Papers SID International Symposium, 2017, 48, 763-766.	0.1	11
153	A review on making things see: Augmented reality for futuristic virtual educator. Cogent Education, 2017, 4, 1287392.	0.6	10
154	Understanding Low Vision People's Visual Perception on Commercial Augmented Reality Glasses. , 2017,		46
155	Using communication and visualization technologies with senior citizens to facilitate cultural access and self-improvement. Computers in Human Behavior, 2017, 66, 329-344.	5.1	22
156	Membrane AR. , 2017, , .		8
157	A review on using augmented reality in text translation. , 2017, , .		4
158	An AR-Based Manipulation System for Industrial Robots. , 2017, , .		5
159	Collocated learning experience within collaborative augmented environment (anatomy course)., 2017,		9
160	Study on Compact Head-Mounted Display System Using Electro-Holography for Augmented Reality. IEICE Transactions on Electronics, 2017, E100.C, 965-971.	0.3	24
161	Compact see-through 3D head-mounted display based on wavefront modulation with holographic grating filter. Optics Express, 2017, 25, 8412.	1.7	67
162	The Pokémonisation of the first moment of truth. International Journal of Web Based Communities, 2017, 13, 262.	0.2	13
163	Reducing the Schizophrenia Stigma: A New Approach Based on Augmented Reality. Computational Intelligence and Neuroscience, 2017, 2017, 1-10.	1.1	35

#	Article	IF	CITATIONS
164	Interactive Sculpting Using Augmented-Reality, Mesh Morphing, and Force Feedback: Force-Feedback Capabilities in an Augmented Reality Environment. IEEE Consumer Electronics Magazine, 2018, 7, 83-90.	2.3	19
165	Status and Tendency of Augmented Expression for Paper Map. Lecture Notes in Electrical Engineering, 2018, , 221-231.	0.3	0
166	Design and Testing of an Augmented Reality Solution to Enhance Operator Safety in the Food Industry. International Journal of Food Engineering, 2018, 14, .	0.7	24
167	Can a Green Thumb Make a Difference?: Using a Nature Metaphor to Communicate the Sensor Information of a Coffee Machine. IEEE Consumer Electronics Magazine, 2018, 7, 90-98.	2.3	8
168	Augmented Sign Language Modeling(ASLM) with interaction design on smartphone - an assistive learning and communication tool for inclusive classroom. Procedia Computer Science, 2018, 125, 492-500.	1.2	15
169	A Survey of Augmented, Virtual, and Mixed Reality for Cultural Heritage. Journal on Computing and Cultural Heritage, 2018, 11, 1-36.	1.2	468
170	Augmenting Intelligence: What Augmented Reality Technology Means for the Intelligence Community. Advanced Sciences and Technologies for Security Applications, 2018, , 237-250.	0.4	0
171	Head-mounted gesture controlled interface for human-computer interaction. Multimedia Tools and Applications, 2018, 77, 27-53.	2.6	67
172	Augmented reality versus conventional interface: Is there any difference in effectiveness?. Multimedia Tools and Applications, 2018, 77, 7487-7516.	2.6	15
173	User experience model for augmented reality applications in urban heritage tourism. Journal of Heritage Tourism, 2018, 13, 46-61.	1.6	168
174	A systematic review of augmented reality applications in maintenance. Robotics and Computer-Integrated Manufacturing, 2018, 49, 215-228.	6.1	504
175	Powerful knowledge, technology and education in the future-focused good society. Technology in Society, 2018, 52, 54-59.	4.8	9
176	Identifying Tourist Requirements for Mobile AR Tourism Applications in Urban Heritage Tourism. Progress in IS, 2018, , 3-20.	0.5	10
177	Augmented Reality and Virtual Reality in Physical and Online Retailing: A Review, Synthesis and Research Agenda. Progress in IS, 2018, , 119-132.	0.5	168
178	A multi-plane optical see-through holographic three-dimensional display for augmented reality applications. Optik, 2018, 157, 190-196.	1.4	5
179	Marker versus Markerless Augmented Reality. Which Has More Impact on Users?. International Journal of Human-Computer Interaction, 2018, 34, 819-833.	3.3	54
180	A network analysis of strategic alliance drivers in ICT open ecosystem: with focus on mobile, cloud computing, and multimedia. Multimedia Tools and Applications, 2018, 77, 14725-14744.	2.6	3
181	Opportunities for Virtual and Mixed Reality Knowledge Demonstration. , 2018, , .		10

#	Article	IF	CITATIONS
182	Exploring an AR-based User Interface for Authoring Multimedia Presentations. , 2018, , .		1
183	Short review: Application Areas of Industry 4.0 Technologies in Food Processing Sector. , 2018, , .		24
184	AgileSLAM: A Localization Approach for Agile Head Movements in Augmented Reality. , 2018, , .		2
185	Meta-Review of Augmented Reality in Education. , 2018, , .		26
186	The Past, Present, and Future of Virtual and Augmented Reality Research: A Network and Cluster Analysis of the Literature. Frontiers in Psychology, 2018, 9, 2086.	1.1	547
187	Business perspectives of smart interactive packaging. , 2018, , .		7
188	A UX Oriented Evaluation approach for Mobile Augmented Reality Applications. , $2018, , .$		5
189	RoPose: CNN-based 2D Pose Estimation of Industrial Robots. , 2018, , .		7
190	A Survey of Pedagogical Affordances of Augmented and Virtual Realities Technologies in loT - Based Classroom. , 2018, , .		3
191	Amateur. , 2018, 2, 1-24.		18
192	Occlusion-Aware Unsupervised Learning of Monocular Depth, Optical Flow and Camera Pose with Geometric Constraints. Future Internet, 2018, 10, 92.	2.4	5
193	41.5: Headâ€mounted Display Based on Surface Relief Grating for Augmented Reality. Digest of Technical Papers SID International Symposium, 2018, 49, 457-461.	0.1	O
194	27.2: <i>Invited Paper:</i> True 3D displays for AR applications. Digest of Technical Papers SID International Symposium, 2018, 49, 290-294.	0.1	1
195	User Experience in Mobile Augmented Reality: Emotions, Challenges, Opportunities and Best Practices. Computers, 2018, 7, 33.	2.1	50
196	Giok the Alien: An AR-Based Integrated System for the Empowerment of Problem-Solving, Pragmatic, and Social Skills in Pre-School Children. Sensors, 2018, 18, 2368.	2.1	23
198	Fullâ€color multiâ€plane optical seeâ€through headâ€mounted display for augmented reality applications. Journal of the Society for Information Display, 2018, 26, 687-693.	0.8	12
199	VR Aided Architecture and Interior Design. , 2018, , .		7
200	Determinants of the adoption of augmented reality by tour operators in disadvantaged economic regions. , $2018, , .$		0

#	Article	IF	CITATIONS
201	Reverse-mode PSLC multi-plane optical see-through display for AR applications. Optics Express, 2018, 26, 3394.	1.7	75
202	Holographic near-eye display system based on double-convergence light Gerchberg-Saxton algorithm. Optics Express, 2018, 26, 10140.	1.7	62
203	Large depth of focus dynamic micro integral imaging for optical see-through augmented reality display using a focus-tunable lens. Applied Optics, 2018, 57, B184.	0.9	59
204	A Systematic Review of 10 Years of Augmented Reality Usability Studies: 2005 to 2014. Frontiers in Robotics and Al, 2018, 5, 37.	2.0	261
206	An Analysis of Learners' Intentions Toward Virtual Reality Learning Based on Constructivist and Technology Acceptance Approaches. International Review of Research in Open and Distance Learning, 2018, 19, .	1.0	83
207	XD-AR. Proceedings of the ACM on Human-Computer Interaction, 2018, 2, 1-24.	2.5	30
208	Viewing angle enlargement in holographic augmented reality using an off-axis holographic lens. Optik, 2018, 172, 462-469.	1.4	6
209	Intelligent Oil Field Approach Using Virtual Reality and Mobile Anthropomorphic Robots. Lecture Notes in Computer Science, 2018, , 467-478.	1.0	7
210	A New Framework for Easy and Efficient Augmentation of Primary Level Books. Lecture Notes in Computer Science, 2018, , 311-321.	1.0	0
211	Augmented reality for STEM learning: A systematic review. Computers and Education, 2018, 123, 109-123.	5.1	495
212	Augmented reality tools for industrial applications: What are potential key performance indicators and who benefits?. Computers in Human Behavior, 2018, 87, 18-33.	5.1	136
213	Adopting Augmented Reality for the Purpose of Software Development Process Training and Improvement: An Exploration. Communications in Computer and Information Science, 2018, , 195-206.	0.4	1
214	Improving Authentic Learning by AR-Based Simulator. Communications in Computer and Information Science, 2018, , 124-134.	0.4	2
215	Identifying opportunities for wearable technology for product development and market positioning. International Journal of Product Development, 2018, 22, 247.	0.2	3
217	Augmented reality technology in the manufacturing industry: A review of the last decade. IISE Transactions, 2019, 51, 284-310.	1.6	247
218	Integrating augmented reality into problem based learning: The effects on learning achievement and attitude in physics education. Computers and Education, 2019, 142, 103635.	5.1	191
219	Effect of Mobile Augmented Reality on Learning Performance, Motivation, and Math Anxiety in a Math Course. Journal of Educational Computing Research, 2019, 57, 1695-1722.	3.6	102
220	How Augmented Reality Affects People's Perceptions: Adoption of AR in Product Display Improves Consumers' Product Attitude. Journal of Physics: Conference Series, 2019, 1288, 012037.	0.3	2

#	Article	IF	CITATIONS
221	Walkable Mixed Reality Map as interaction interface for Virtual Heritage. Digital Applications in Archaeology and Cultural Heritage, 2019, 15, e00127.	0.9	19
222	Study on Distributed Dynamic Average Consensus Algorithm. , 2019, , .		2
223	Mapping a Virtual View to the Physical World to Guide the Completion of Complex Task Sequences. , 2019, , .		4
224	Augmented Reality as a Crucial Element in Modern Electric Distribution Company. , 2019, , .		0
225	A Reflective Augmented Reality Integral Imaging 3D Display by Using a Mirror-Based Pinhole Array. Applied Sciences (Switzerland), 2019, 9, 3124.	1.3	6
226	IDCam: Precise Item Identification for AR Enhanced Object Interactions. , 2019, , .		6
227	Augmented Reality in the Health Domain: Projecting Spatial Augmented Reality Visualizations on a Perceiver's Body for Health Communication Effects. Cyberpsychology, Behavior, and Social Networking, 2019, 22, 142-150.	2.1	18
228	A Multi-Camera Rig with Non-Overlapping Views for Dynamic Six-Degree-of-Freedom Measurement. Sensors, 2019, 19, 250.	2.1	3
229	Gamification Mindset. Human-computer Interaction Series, 2019, , .	0.4	22
230	2D Drawing Visualization Framework for Applying Projection-Based Augmented Reality in a Panelized Construction Manufacturing Facility: Proof of Concept. Journal of Computing in Civil Engineering, 2019, 33, .	2.5	27
231	Generation of Phase-Only Holograms Based on Aliasing Reuse and Application in Holographic See-Through Display System. IEEE Photonics Journal, 2019, 11, 1-11.	1.0	5
232	How to design innovative information services at the library?. Library Hi Tech, 2019, 37, 138-154.	3.7	32
233	From photo to 3D to mixed reality: A complete workflow for cultural heritage visualisation and experience. Digital Applications in Archaeology and Cultural Heritage, 2019, 13, e00102.	0.9	49
234	BIM-Based AR Maintenance System (BARMS) as an Intelligent Instruction Platform for Complex Plumbing Facilities. Applied Sciences (Switzerland), 2019, 9, 1592.	1.3	30
235	Trends and Research Issues of Augmented Reality Studies in Architectural and Civil Engineering Education—A Review of Academic Journal Publications. Applied Sciences (Switzerland), 2019, 9, 1840.	1.3	65
236	Influence of Pre-service and In-service Teachers' Gender and Experience on the Acceptance of AR Technology. Lecture Notes in Educational Technology, 2019, , 125-134.	0.5	4
237	Anthropomorphism and augmented reality in the retail environment. Journal of Retailing and Consumer Services, 2019, 49, 35-42.	5.3	110
238	Translating Tourist Requirements into Mobile AR Application Engineering Through QFD. International Journal of Human-Computer Interaction, 2019, 35, 1842-1858.	3.3	23

#	Article	IF	Citations
239	On-axis near-eye display system based on directional scattering holographic waveguide and curved goggle. Optics Express, 2019, 27, 1683.	1.7	28
240	Augmented Reality in Real Stores: Empirical Evidence from Consumers' Interaction with AR in a Retail Format. Progress in IS, 2019, , 3-16.	0.5	17
241	Systematic review and meta-analysis of augmented reality in educational settings. Virtual Reality, 2019, 23, 447-459.	4.1	275
242	How and when AR technology affects product attitude. Asia Pacific Journal of Marketing and Logistics, 2019, 32, 1226-1241.	1.8	12
243	Factors influencing acceptance of augmented reality in retail: insights from thematic analysis. International Journal of Retail and Distribution Management, 2019, 48, 18-34.	2.7	55
244	Optimizing Project Delivery through Augmented Reality and Agile Methodologies. , 2019, , .		4
245	Augmented-Reality-Based Visualization of Navigation Data of Mobile Robots on the Microsoft Hololens - Possibilities and Limitations. , $2019, \dots$		25
246	Motivational analysis regarding to Learning throught Augmented Reality in Professional Education. Revista Interuniversitaria De Investigaci \tilde{A}^3 n En Tecnolog A a Educativa, 2019, , .	0.5	0
247	Taxondroid: Design Interactive Application for Animal Taxonomy Learning Using Teen-Computer Interaction Approach., 2019,,.		0
248	Using Augmented Reality in the Corporate Environment: A Proposed Study Protocol. , 2019, , .		1
249	Augmented Reality and its Implementation in Health Care Sector. , 2019, , .		2
250	Augmenting reality: fusing consumers' experiences and interactions with immersive technologies in physical retail settings. International Journal of Technology Marketing, 2019, 13, 260.	0.1	16
251	A Comparison of Immersive Realities and Interaction Methods: Cultural Learning in Virtual Heritage. Frontiers in Robotics and Al, 2019, 6, 91.	2.0	74
252	The making augmented reality technology-based learning media in molecular hybridization concept. Journal of Physics: Conference Series, 2019, 1402, 055045.	0.3	1
253	3D Natural Interaction for an Augmented Reality System. , 2019, , .		1
254	Enhancing Nutrition Learning Using Interactive Tools. IEEE Latin America Transactions, 2019, 17, 751-758.	1.2	O
255	Digital assembly technology based on augmented reality and digital twins: a review. Virtual Reality & Intelligent Hardware, 2019, 1, 597-610.	1.8	55
256	Visually Guided Extrinsic Manipulation for Assembly Tasks. , 2019, , .		1

#	Article	IF	Citations
257	An Augmented-reality-based Warning Interface for Pedestrians: User Interface Design and Evaluation. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1834-1838.	0.2	10
258	Computational holographic Maxwellian near-eye display with an expanded eyebox. Scientific Reports, 2019, 9, 18749.	1.6	43
259	ARFurniture: Augmented Reality Interior Decoration Style Colorization. IS&T International Symposium on Electronic Imaging, 2019, 31, 175-1-175-9.	0.3	5
260	Augmented reality application assessment for disseminating rock art. Multimedia Tools and Applications, 2019, 78, 10265-10286.	2.6	21
261	Interface of mixed reality: from the past to the future. CCF Transactions on Pervasive Computing and Interaction, 2019, 1, 69-87.	1.7	7
263	Technologies and Eco-innovation towards Sustainability I., 2019,,.		4
264	Monitoring Energy Consumption of Individual Equipment in a Workcell Using Augmented Reality Technology., 2019,, 65-74.		2
265	Demystifying Novelty Effects: An Analysis of Consumer Responses to YouTube Videos Featuring Augmented Reality Out-of-Home Advertising Campaigns. Journal of Current Issues and Research in Advertising, 2019, 40, 36-53.	2.8	15
266	Effect of AR-based online wearable guides on university students' situational interest and learning performance. Universal Access in the Information Society, 2019, 18, 287-299.	2.1	29
267	Can't touch this: the impact of augmented reality versus touch and non-touch interfaces on perceived ownership. Virtual Reality, 2019, 23, 269-280.	4.1	56
268	An augmented reality application for improving shopping experience in large retail stores. Virtual Reality, 2019, 23, 281-291.	4.1	51
269	Scaffolding augmented reality inquiry learning: the design and investigation of the <i>TraceReaders</i> location-based, augmented reality platform. Interactive Learning Environments, 2019, 27, 211-225.	4.4	34
270	Harmonic rendering for visual coherence on mobile outdoor AR environment. Multimedia Tools and Applications, 2020, 79, 16141-16154.	2.6	2
271	Augmented Reality and Virtual Reality: New Drivers for Fashion Retail?., 2020, , 155-172.		25
272	Adoption of augmented reality in online retailing and consumers' product attitude: A cognitive perspective. Journal of Retailing and Consumer Services, 2020, 53, 101986.	5.3	101
273	Augmented reality in support of intelligent manufacturing – A systematic literature review. Computers and Industrial Engineering, 2020, 140, 106195.	3.4	202
274	GPO: Global Plane Optimization for Fast and Accurate Monocular SLAM Initialization. , 2020, , .		3
275	Comparison of Augmented Reality Display Techniques to Support Medical Needle Insertion. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 3568-3575.	2.9	13

#	Article	IF	CITATIONS
276	Augmented Reality Interface for Complex Anatomy Learning in the Central Nervous System: A Systematic Review. Journal of Healthcare Engineering, 2020, 2020, 1-15.	1.1	14
277	Augmented Reality-Based Simulation of Some Basic Electrical Circuits Which Requires Oscilloscope for Analysis without Hardware. Journal of Circuits, Systems and Computers, 2020, 29, 2050096.	1.0	2
278	An augmented reality application for robotic cell customization. Procedia CIRP, 2020, 90, 654-659.	1.0	7
279	Evaluating garments in augmented reality when shopping online. Journal of Fashion Marketing and Management, 2020, 24, 667-683.	1.5	43
280	Holographically Printed Freeform Mirror Array for Augmented Reality Near-Eye Display. IEEE Photonics Technology Letters, 2020, 32, 991-994.	1.3	14
281	Dangerous or Desirable: Utilizing Augmented Content for Field Policing. International Journal of Human-Computer Interaction, 2020, 36, 1415-1425.	3.3	2
282	Digital Preservation and Reconstruction of Old Cultural Elements in Augmented Reality (AR). Sustainability, 2020, 12, 9262.	1.6	7
283	Augmented Reality in Manufacturing and Logistics: Lessons Learnt from a Real-Life Industrial Application. Procedia Manufacturing, 2020, 51, 1629-1635.	1.9	37
284	Role of Mobile Technology for Tourism Development. , 2020, , 273-288.		5
285	Virtual Restoration and Visualization Changes through Light: A Review. Heritage, 2020, 3, 1373-1384.	0.9	7
286	What, How, and Why are Visual Assets Used in Industrial Augmented Reality? A Systematic Review and Classification in Maintenance, Assembly, and Training (From 1997 to 2019). IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1443-1456.	2.9	50
287	Application of augmented reality (AR) media on conformation of alkanes and cycloalkanes concepts to improve student's spatial ability. Journal of Physics: Conference Series, 2020, 1521, 042093.	0.3	2
288	The impact of augmented reality on overall service satisfaction in elaborate servicescapes. Journal of Service Management, 2020, 31, 227-246.	4.4	21
289	Current Cognition Tests, Potential Virtual Reality Applications, and Serious Games in Cognitive Assessment and Non-Pharmacological Therapy for Neurocognitive Disorders. Journal of Clinical Medicine, 2020, 9, 3287.	1.0	26
290	Usage for Inside Design by AR and VR Technology. , 2020, , .		2
291	5G Promotive Actions based upon enhanced Mobile Broadband (EMBB) Communication Trials between the EU and China. , 2020, , .		3
292	A 3D-Deep-Learning-based Augmented Reality Calibration Method for Robotic Environments using Depth Sensor Data., 2020,,.		14
293	Atomized Scan Method for High-Definition Silicon-Based OLED Microdisplays. IEEE Transactions on Electron Devices, 2020, 67, 4293-4299.	1.6	2

#	Article	IF	CITATIONS
294	Mobile augmented reality as an internationalization tool in the "Made In Italy―food and beverage industry. Journal of Management and Governance, 2021, 25, 1179-1209.	2.4	18
295	A Markerless Deep Learning-based 6 Degrees of Freedom Pose Estimation for Mobile Robots using RGB Data. , 2020, , .		1
296	Using systems thinking to understand the evolving role of technology in the design process. International Journal of Technology and Design Education, 2022, 32, 447-477.	1.7	4
297	Effectiveness of Augmented Reality Guides for Blind Insertion Tasks. Frontiers in Virtual Reality, 2020, 1, .	2.5	4
298	Augmented reality for pedestrian evacuation research: Promises and limitations. Safety Science, 2020, 128, 104750.	2.6	48
299	Innovative Surgical Planning in Resecting Soft Tissue Sarcoma of the Foot Using Augmented Reality With a Smartphone. Journal of Foot and Ankle Surgery, 2020, 59, 1092-1097.	0.5	7
300	Optical see-through near-eye display based on dot matrix nanogratings. Optical Materials, 2020, 107, 110011.	1.7	2
301	3D augmentation of the surgical video stream: Toward a modular approach. Computer Methods and Programs in Biomedicine, 2020, 191, 105505.	2.6	12
302	Virtual and augmented reality: Advancing research in consumer marketing. International Journal of Research in Marketing, 2020, 37, 443-465.	2.4	217
303	Virtual, augmented and mixed reality in K–12 education: a review of the literature. Technology, Pedagogy and Education, 2020, 29, 231-249.	3.3	152
304	The use of augmented reality in the diagnosis and treatment of autistic children: a review and a new system. Multimedia Tools and Applications, 2020, 79, 18245-18291.	2.6	15
305	Factored Occlusion: Single Spatial Light Modulator Occlusion-capable Optical See-through Augmented Reality Display. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 1871-1879.	2.9	31
306	Augmented reality direct current glow discharge experimentation. Physics Education, 2020, 55, 035022.	0.3	9
307	Prospects of Augmented Reality in Physical Stores's using Shopping Assistance App. Procedia Computer Science, 2020, 172, 406-411.	1.2	7
308	Survey: Using Augmented Reality to Improve Learning Motivation in Cultural Heritage Studies. Applied Sciences (Switzerland), 2020, 10, 897.	1.3	33
309	A Review of Telepresence, Virtual Reality, and Augmented Reality Applied to Clinical Care. Journal of Technology in Behavioral Science, 2020, 5, 178-205.	1.3	56
310	Smart packaging: definitions, models and packaging as an intermediator between digital and physical product management. International Review of Retail, Distribution and Consumer Research, 2020, 30, 377-410.	1.3	20
311	Multiplane displays based on liquid crystals for AR applications. Journal of the Society for Information Display, 2020, 28, 224-240.	0.8	13

#	Article	IF	Citations
312	I searched, I collected, I experienced: Exploring how mobile augmented reality makes the players go. Journal of Retailing and Consumer Services, 2020, 54, 102018.	5.3	8
313	Enhancing the functionality of augmented reality using deep learning, semantic web and knowledge graphs: A review. Visual Informatics, 2020, 4, 32-42.	2.5	64
314	Augmented and Virtual Reality Evolution and Future Tendency. Applied Sciences (Switzerland), 2020, 10, 322.	1.3	81
315	Motor learning in neurological rehabilitation. Disability and Rehabilitation, 2021, 43, 3445-3453.	0.9	61
317	Developing skills of fashion design by augmented reality technology in higher education. Interactive Learning Environments, 2021, 29, 17-32.	4.4	28
318	Semantic-aware label placement for augmented reality in street view. Visual Computer, 2021, 37, 1805-1819.	2.5	5
319	A systematic review of augmented reality tourism research: What is now and what is next? Tourism and Hospitality Research, 2021, 21, 15-30.	2.4	50
320	Computational Restructuring: Rethinking Image Compression Using Resistive Crossbar Arrays. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 836-849.	1.9	3
321	Mixed reality system for nondestructive evaluation training. Virtual Reality, 2021, 25, 709-718.	4.1	7
322	Augmented Reality in Orthopedic Practice and Education. Orthopedic Clinics of North America, 2021, 52, 15-26.	0.5	17
323	Virtual and augmented reality technologies for emergency management in the built environments: A state-of-the-art review. Journal of Safety Science and Resilience, 2021, 2, 1-10.	1.3	40
324	Augmented reality is eating the real-world! The substitution of physical products by holograms. International Journal of Information Management, 2021, 57, 102279.	10.5	105
325	Corporate Elderly Entrepreneurship in the Digital World. Advances in E-Business Research Series, 2021, , 149-172.	0.2	1
327	Virtual Reality (VR) and Augmented Reality (AR) Technologies for Accessibility and Marketing in the Tourism Industry. Advances in Hospitality, Tourism and the Services Industry, 2021, , 277-301.	0.2	20
328	Virtual Reality in Italian Museums: A Brief Discussion. Lecture Notes in Computer Science, 2021, , 306-314.	1.0	6
329	Metaphoric perceptions of pre-service teachers about  LEGO Robotic Instructional Practices,'  Augmented Reality' and  Flipped Classroom' concepts. Research in Comparative and International Education, 2021, 16, 83-99.	0.8	8
330	Interactive learning in the classroom: A mobile augmented reality assistance application for learning. Computer Animation and Virtual Worlds, 0, , .	0.7	3
332	Internet of Packaging and the Bridge Between Digital Marketing and Physical Retailing. Advances in Logistics, Operations, and Management Science Book Series, 2021, , 2057-2070.	0.3	O

#	ARTICLE	IF	CITATIONS
333	Virtual and Augmented Reality Technologies in Molecular and Anatomical Imaging., 2021, , 1591-1612.		1
334	Design and Development of Collaborative AR System for Anatomy Training. Intelligent Automation and Soft Computing, 2021, 27, 853-871.	1.6	6
335	Applying Augmented Reality in the Italian Food and Dining Industry: Cultural Heritage Perspectives. Springer Series on Cultural Computing, 2021, , 293-307.	0.4	0
336	User Experience Measurement. Advances in Business Information Systems and Analytics Book Series, 2021, , 250-282.	0.3	О
337	A Comparative Study of Chinese and Foreign Research on the Internet of Things in Education: Bibliometric Analysis and Visualization. IEEE Access, 2021, 9, 130127-130140.	2.6	21
338	What Makes an Educational Augmented Reality Application Good?. Advances in Educational Technologies and Instructional Design Book Series, 2021, , 124-142.	0.2	2
339	Patch-Based Uncalibrated Photometric Stereo Under Natural Illumination. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7809-7823.	9.7	9
340	Virtual, mixed, and augmented reality: a systematic review for immersive systems research. Virtual Reality, 2021, 25, 773-799.	4.1	52
341	Use of augmented reality (AR) to aid bioscience education and enrich student experience. Research in Learning Technology, 0, 29, .	2.3	12
342	TCDesc: Learning Topology Consistent Descriptors for Image Matching. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2845-2855.	5.6	14
343	Phygital Customer Experience Mixed Approach of Augmented Reality and Customer Experience (DCX) in the Context of Heritage Tourism. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2021, , 238-253.	0.7	0
344	Good Practices in the Use of Augmented Reality for the Dissemination of Architectural Heritage of Rural Areas. Applied Sciences (Switzerland), 2021, 11, 2055.	1.3	13
345	Liquid Crystal Soft Actuators and Robots toward Mixed Reality. Advanced Functional Materials, 2021, 31, 2009835.	7.8	57
346	Nanowireâ€Based Soft Wearable Human–Machine Interfaces for Future Virtual and Augmented Reality Applications. Advanced Functional Materials, 2021, 31, 2008347.	7.8	80
347	SuperPlane: 3D Plane Detection and Description from a Single Image. , 2021, , .		1
348	Dances with Robots. TDR - the Drama Review - A Journal of Performance Studies, 2021, 65, 124-143.	0.0	2
349	Extending eyebox with tunable viewpoints for see-through near-eye display. Optics Express, 2021, 29, 11613.	1.7	13
350	From the Digital Data Revolution toward a Digital Society: Pervasiveness of Artificial Intelligence. Machine Learning and Knowledge Extraction, 2021, 3, 284-298.	3.2	12

#	Article	IF	CITATIONS
351	Virtual fitting room technology in fashion design. IOP Conference Series: Materials Science and Engineering, 2021, 1098, 022110.	0.3	7
352	The peculiarities of the usage of AR technologies in the process of hardiness of future professionals. Journal of Physics: Conference Series, 2021, 1840, 012059.	0.3	9
353	New Technologies in the Instruction of History in Primary Education. International Journal of Education and Information Technologies, 2021, 15, 21-27.	0.1	3
354	Mobile and Location Based Service using Augmented Reality: A Review. European Journal of Education and Pedagogy, 2021, 5, 13-18.	0.2	6
355	Integration of BIM and Immersive Technologies for AEC: A Scientometric-SWOT Analysis and Critical Content Review. Buildings, 2021, 11, 126.	1.4	58
356	IT-SVO: Improved Semi-Direct Monocular Visual Odometry Combined with JS Divergence in Restricted Mobile Devices. Sensors, 2021, 21, 2025.	2.1	5
357	High-performance reflection-type augmented reality 3D display using a reflective polarizer. Optics Express, 2021, 29, 9446.	1.7	23
358	Potential use of Augmented Reality in pre-contract design communication in construction projects. Intelligent Buildings International, 0 , 1 -18.	1.3	4
359	Full-Color See-Through Three-Dimensional Display Method Based on Volume Holography. Sensors, 2021, 21, 2698.	2.1	5
360	Virtual reality application to aid civil engineering laboratory course: A multicriteria comparative study. Computer Applications in Engineering Education, 2021, 29, 1771-1792.	2.2	20
361	Augmented Reality in Esthetic Dentistry: a Case Report. Current Oral Health Reports, 2021, 8, 23-28.	0.5	3
362	Augmented reality in anesthesia, pain medicine and critical care: a narrative review. Journal of Clinical Monitoring and Computing, 2022, 36, 33-39.	0.7	14
363	The Role of Virtual Reality in Criminal Justice Pedagogy: An Examination of Mental Illness Occurring in Corrections. Journal of Criminal Justice Education, 2021, 32, 252-271.	0.6	1
364	Zoom Unit in Augmented Reality: Liquid Lens. Science of Advanced Materials, 2021, 13, 537-544.	0.1	2
365	Immersion-based holographic wave front printer setup for volume holographic retinal projection elements. , 2021 , , .		0
366	Automatically Addressing System for Ultrasound-Guided Renal Biopsy Training Based on Augmented Reality. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1495-1507.	3.9	5
367	Digitalization as solution to environmental problems? When users rely on augmented reality-recommendation agents. Journal of Business Research, 2021, 128, 510-523.	5.8	29
368	Digital humans in fashion: Will consumers interact?. Journal of Retailing and Consumer Services, 2021, 60, 102430.	5.3	59

#	Article	IF	CITATIONS
369	Automated Procedure Reconfiguration Framework for Augmented Reality-Guided Maintenance Applications. Journal of Computing and Information Science in Engineering, 2021, 21, .	1.7	11
370	An Improved YOLOv3 Object Detection Network for Mobile Augmented Reality., 2021,,.		3
371	Understanding augmented reality adoption trade-offs in production environments from the perspective of future employees: A choice-based conjoint study. Information Systems and E-Business Management, 2021, 19, 1039-1085.	2.2	12
372	Deep Reinforcement Learning Approach for Augmented Reality Games. , 2021, , .		1
373	Assessment of Mixed-Reality Devices for Production Engineering. Lecture Notes in Mechanical Engineering, 2022, , 472-483.	0.3	1
374	Augmented reality situated visualization in decision-making. Multimedia Tools and Applications, 2022, 81, 14749-14772.	2.6	29
375	Holographic near-eye display based on complex amplitude modulation with band-limited zone plates. Optics Express, 2021, 29, 22749.	1.7	12
376	A Review of Augmented Reality Applications in Civil Infrastructure During the 4th Industrial Revolution. Frontiers in Built Environment, 2021, 7, .	1.2	20
377	Düzeltme: Gazetecilikte Artırılmış Gerçeklik Kullanımın Haber Kavramı Üzerinden Değerl Girişimcilik İnovasyon Ve Pazarlama Araştırmaları Dergisi, 2021, 5, 56-67.	endirilmes 0.1	si. o
378	Support for using a threeâ€dimensional anatomy application over anatomical atlases in a randomized comparison. Anatomical Sciences Education, 2022, 15, 178-186.	2.5	4
379	Augmented Reality Applications in Industry 4.0 Environment. Applied Sciences (Switzerland), 2021, 11, 5592.	1.3	35
381	The effect of mobile AR apps on purchase intentions of retail consumers: a study on the mediating role of perceived risk. Pressacademia, 2021, 8, 86-100.	0.2	0
382	Virtual Reality and Augmented Reality for Children, Adolescents, and Adults with Communication Disability and Neurodevelopmental Disorders: a Systematic Review. Review Journal of Autism and Developmental Disorders, 2022, 9, 160-183.	2.2	23
383	The impact of user perceptions of AR on purchase intention of location-based AR navigation systems. Journal of Retailing and Consumer Services, 2021, 61, 102575.	5.3	19
384	AR in the Architecture Domain: State of the Art. Applied Sciences (Switzerland), 2021, 11, 6800.	1.3	16
385	An Overview of Twenty-Five Years of Augmented Reality in Education. Multimodal Technologies and Interaction, 2021, 5, 37.	1.7	60
386	An Augmented Warning System for Pedestrians: User Interface Design and Algorithm Development. Applied Sciences (Switzerland), 2021, 11, 7197.	1.3	6
387	Augmented Reality Implementation on Physical Therapy Exercise. Advances in Intelligent Systems and Computing, 2022, , 605-616.	0.5	0

#	Article	IF	CITATIONS
388	Augmented Reality Vector Light Field Display with Large Viewing Distance Based on Pixelated Multilevel Blazed Gratings. Photonics, 2021, 8, 337.	0.9	9
389	A Needs-Based Augmented Reality System. Applied Sciences (Switzerland), 2021, 11, 7978.	1.3	1
390	A survey of immersive technologies and applications for industrial product development. Computers and Graphics, 2021, 100, 137-151.	1.4	13
391	Impact Sound Generation for Audiovisual Interaction with Real-World Movable Objects in Building-Scale Virtual Reality. Applied Sciences (Switzerland), 2021, 11, 7546.	1.3	0
392	Intelligent VR-AR for Natural Disasters Management. , 0, , .		1
393	Semantic Segmentation of 3D Point Cloud Based on Spatial Eight-Quadrant Kernel Convolution. Remote Sensing, 2021, 13, 3140.	1.8	3
394	Augmented reality in retail: a systematic review of research foci and future research agenda. International Journal of Retail and Distribution Management, 2022, 50, 498-518.	2.7	25
397	A Flexible Input Mapping System for Next-Generation Virtual Reality Controllers. Electronics (Switzerland), 2021, 10, 2149.	1.8	3
398	Retail Consumers' Behavioral Intention to Use Augmented Reality Mobile Apps in Pakistan. Journal of Internet Commerce, 2022, 21, 497-525.	3.5	19
399	Augmented reality in online retailing: a systematic review and research agenda. International Journal of Retail and Distribution Management, 2022, 50, 537-559.	2.7	51
400	Digital game-based learning in K-12 mathematics education: a systematic literature review. Education and Information Technologies, 2022, 27, 2859-2891.	3.5	22
401	Holographic combiners for augmented reality applications fabricated by wave front recording. , 2021, , .		2
402	Multi-sensor spatial augmented reality for visualizing the invisible thermal information of 3D objects. Optics and Lasers in Engineering, 2021, 145, 106634.	2.0	5
403	Applying augmented reality (AR) technologies in theatrical performances in theme parks: A transcendent experience perspective. Tourism Management Perspectives, 2021, 40, 100889.	3.2	16
404	How augmented reality (AR) is transforming the restaurant sector: Investigating the impact of "Le Petit Chef―on customers' dining experiences. Technological Forecasting and Social Change, 2021, 172, 121013.	6.2	54
405	Smart training: Mask R-CNN oriented approach. Expert Systems With Applications, 2021, 185, 115595.	4.4	5
406	Augmented Reality and programming education: A systematic review. International Journal of Child-Computer Interaction, 2021, 30, 100335.	2.5	39
407	Assessment of Potential Security Threats from Advances in Neurotechnology. Advanced Sciences and Technologies for Security Applications, 2021, , 77-91.	0.4	1

#	Article	IF	CITATIONS
408	The Role of Augmented Reality on Public Relations and Advertising. Advances in Multimedia and Interactive Technologies Book Series, 2021, , 196-216.	0.1	0
409	Digital Marketing. Advances in Electronic Commerce Series, 2021, , 172-202.	0.2	4
410	Digital Storytelling and Augmented Reality-Based Scenarios for Foreign Language Teaching. Advances in Educational Technologies and Instructional Design Book Series, 2021, , 1-22.	0.2	1
411	Augmented Reality and New Opportunities for Cultural Heritage. Springer Series on Cultural Computing, 2021, , 213-225.	0.4	1
412	Research on Tracking and Registration Algorithm Based on Natural Feature Point. Intelligent Automation and Soft Computing, 2021, 28, 683-692.	1.6	7
413	Process Excellence and Industry 4.0., 2021, , 53-75.		0
414	Adapting a method for tracking the movement of the camera in the visualization of augmented reality. IOP Conference Series: Materials Science and Engineering, 2021, 1031, 012064.	0.3	0
415	BlocklyXR: An Interactive Extended Reality Toolkit for Digital Storytelling. Applied Sciences (Switzerland), 2021, 11, 1073.	1.3	17
416	A Historical Review of Immersive Storytelling Technologies. Advances in Business Information Systems and Analytics Book Series, 2021, , 1-29.	0.3	3
417	A Survey on Mobile Augmented Reality With 5G Mobile Edge Computing: Architectures, Applications, and Technical Aspects. IEEE Communications Surveys and Tutorials, 2021, 23, 1160-1192.	24.8	279
418	Augmented Reality in Manufacturing: Exploring Workers' Perceptions of Barriers. IEEE Transactions on Engineering Management, 2023, 70, 3344-3357.	2.4	15
419	Enhancing User Role in Augmented Reality Interactive Simulations. , 2013, , 233-256.		4
420	Enhancing Spatial Navigation in Robot-Assisted Surgery: An Application. Lecture Notes in Mechanical Engineering, 2020, , 95-105.	0.3	1
421	The Intention to Use E-Commerce Using Augmented Reality - The Case of IKEA Place. Advances in Intelligent Systems and Computing, 2020, , 114-123.	0.5	19
422	Augmented Reality: What Motivates Late Millennials towards Fashion Mobile Apps?. Developments in Marketing Science: Proceedings of the Academy of Marketing Science, 2020, , 315-327.	0.1	1
423	Assistive Robot Multi-modal Interaction with Augmented 3D Vision and Dialogue. Advances in Intelligent Systems and Computing, 2014, , 209-217.	0.5	3
424	The Application of Augmented Reality for Reanimating Cultural Heritage. Lecture Notes in Computer Science, 2014, , 85-95.	1.0	10
425	Practical Implementation of Computational Tactical Metrics for the Football Game. Lecture Notes in Computer Science, 2014, , 712-727.	1.0	4

#	Article	IF	Citations
426	Along the Appian Way. Storytelling and Memory across Time and Space in Mobile Augmented Reality. Lecture Notes in Computer Science, 2014, , 248-257.	1.0	22
427	Robotic Systems in Urological Surgery: Current State and Future Directions. , 2018, , 901-908.		3
429	ARTworks: An Augmented Reality Interface as an Aid for Restoration Professionals. Lecture Notes in Computer Science, 2015, , 384-398.	1.0	3
431	Assembly Assisted by Augmented Reality (A3R). Studies in Computational Intelligence, 2016, , 281-300.	0.7	7
432	Design of a Mobile Augmented Reality Application: An Example of Demonstrated Usability. Lecture Notes in Computer Science, 2016, , 198-205.	1.0	12
433	Mobile User Experience in Augmented Reality vs. Maps Interfaces: A Case Study in Public Transportation. Lecture Notes in Computer Science, 2016, , 388-396.	1.0	16
435	The Effort of Social Networking on Social Behavior – Integrating Twitter, Mobile Devices, and Wearable Clothing as an Example. Lecture Notes in Computer Science, 2011, , 30-37.	1.0	2
436	Spatial Augmented Reality on Person: Exploring the Most Personal Medium. Lecture Notes in Computer Science, 2013, , 169-174.	1.0	5
437	Visualizing Landscapes by Geospatial Techniques. RaumFragen: Stadt - Region - Landschaft, 2020, , 47-78.	1.0	10
438	Augmented Reality. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 195-204.	0.3	1
439	Growing Up With Technology. Topics in Language Disorders, 2019, 39, E1-E16.	0.9	3
440	Super multi-view augmented reality glasses. , 2018, , .		1
441	ARMath: Augmenting Everyday Life with Math Learning. , 2020, , .		28
442	Mobile Pervasive Augmented Reality Systems—MPARS. ACM Transactions on Internet Technology, 2020, 20, 1-17.	3.0	10
443	Enhancing Self-supervised Monocular Depth Estimation via Incorporating Robust Constraints. , 2020, , .		9
444	A Case Study on the Use of Volumetric Video in Augmented Reality for Cultural Heritage., 2020,,.		12
445	Real-time layer-based computer-generated hologram calculation for the Fourier transform optical system. Applied Optics, 2018, 57, 8508.	0.9	18
446	Modeling and optimizing the chromatic holographic waveguide display system. Applied Optics, 2019, 58, G84.	0.9	13

#	Article	IF	CITATIONS
447	See-Through and True 3D Head-Mounted Display Based on Complex Amplitude Modulation. , 2017, , .		1
448	Design of a high-performance in-coupling grating using differential evolution algorithm for waveguide display. Optics Express, 2018, 26, 26646.	1.7	30
449	Holographically customized optical combiner for eye-box extended near-eye display. Optics Express, 2019, 27, 38006.	1.7	21
450	Holographically customized optical combiner for eye-box extended near-eye display. Optics Express, 2019, 27, 38006.	1.7	23
451	Error tracking-control-reduction algorithm for designing diffractive optical element with high image reconstruction quality. Optics Express, 2020, 28, 10090.	1.7	7
452	Depth plane adaptive integral imaging system using a vari-focal liquid lens array for realizing augmented reality. Optics Express, 2020, 28, 5602.	1.7	25
453	Full-color see-through near-eye holographic display with $80 \hat{A}^{\circ}$ field of view and an expanded eye-box. Optics Express, 2020, 28, 31316.	1.7	31
454	Hijaiyah Letter Interactive Learning for Mild Mental Retardation Children using Gillingham Method and Augmented Reality. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	5
455	Advances in the design of optical see-through displays. Advanced Optical Technologies, 2020, 9, 167-186.	0.9	6
456	Investigating the Role of Augmented Reality Technology in the Language Classroom / Istraživanje uloge tehnologije proširene stvarnosti u nastavi jezika. Croatian Journal of Education, 2016, 18, .	0.2	25
458	Akıllı Bir Çoklu Model Arttırılmış Gerçeklik Uygulaması Ameliyat Öncesi Prosedür Becerilerinin Öğretilmesi. Bilişim Teknolojileri Dergisi, 2020, 13, 57-63.	0.2	6
459	Augmented Reality and Internet of Things – Implementation in Projects by Using Simplified Robotic Models. European Project Management Journal, 2018, 8, 27-35.	0.3	4
460	Mobile Marketing: Usage of Augmented Reality in Tourism. Gaziantep University Journal of Social Sciences, 2016, 15, 581-599.	0.1	34
461	The Development of an Arabic Weight-Loss App Akser Waznk: Qualitative Results. JMIR Formative Research, 2019, 3, e11785.	0.7	17
462	Matematik ve Geometri Eğitiminde Artırılmış Gerçeklik Uygulamaları. İnönü Üniversitesi Eğiti Enstitüsü Dergisi, 2017, 4, 19-34.	m Bilimler	ⁱ 12
463	EEG STUDY OF THE EFFECT OF VIRTUAL REALITY. AD ALTA Journal of Interdisciplinary Research, 2018, 8, 216-218.	0.1	3
464	USER EXPERIENCE EVALUATION AND CREATIVITY STIMULATION WITH AUGMENTED REALITY MOBILE APPLICATIONS. Creativity Studies, 2019, 12, 34-48.	0.8	10
466	Information hiding based on Augmented Reality. Mathematical Biosciences and Engineering, 2019, 16, 4777-4787.	1.0	7

#	Article	IF	Citations
467	Augmented Reality Advertisements in Tourism Marketing. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2015, , 125-146.	0.7	2
468	Augmented Reality Advertisements in Tourism Marketing. , 2016, , 1082-1102.		1
469	Augmented Reality with Mobile and Ubiquitous Learning. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 27-41.	0.2	6
470	An Augmented-Reality-Based Intelligent Mobile Application for Open Computer Education. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 154-174.	0.2	2
471	Advantages of Augmented Reality, Virtual Reality, QR Code, Near Field Communication, Geo-Tagging, Geo-Fencing, and Geo-Targeting for Marketing Tourism. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2019, , 94-113.	0.7	1
472	Ubiquitous Computing, Contactless Points, and Distributed Stores. Advances in Computer and Electrical Engineering Book Series, 2019, , 1211-1221.	0.2	2
473	Mobile Augmented Reality Guides in Cultural Heritage. , 2016, , .		35
474	Augmented Reality in a Monopoly-type Game. International Journal of Advancements in Computing Technology, 2012, 4, 592-599.	0.1	3
475	Rise of Augmented Reality: Current and Future Application Areas. International Journal of Internet and Distributed Systems, 2013, 01, 25-34.	0.2	83
476	The Routledge Handbook of Destination Marketing. , 0, , .		4
477	Trabajar el cuerpo humano con realidad aumentada en educación infantil. TecnologÃa, Ciencia Y Educación, 0, , 148-158.	0.0	10
478	PARAMETRIC SURFACES FOR AUGMENTED ARCHITECTURE REPRESENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W9, 671-678.	0.2	4
479	COLLABORATIVE MULTI-SCALE 3D CITY AND INFRASTRUCTURE MODELING AND SIMULATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 341-352.	0.2	13
480	A Semantic Annotation Method for Efficient Representation of Moving Objects. Journal of the Korea Society of Computer and Information, 2011, 16, 67-76.	0.0	2
481	Perceptions of Augmented Reality Application for Tourism Promotion in the Buddhist Vihara at Paharpur of Bangladesh: A Qualitative Research., 2021,, 175-198.		2
482	Designing a Cultural Augmented Reality Application For Educational Purposes. , 2021, , .		0
483	Digitale Assistenz in der Additiven Fertigung. ZWF Zeitschrift Fuer Wirtschaftlichen Fabrikbetrieb, 2021, 116, 701-706.	0.2	2
484	Industry 4.0 Technologies and Their Impact in Contemporary Logistics: A Systematic Literature Review. Sustainability, 2021, 13, 11643.	1.6	17

#	ARTICLE	IF	Citations
485	The application of industry 4.0 technologies in pandemic management: Literature review and case study. Healthcare Analytics, 2021, 1, 100008.	2.6	19
486	Smart Tourism and Artificial Intelligence: Paving the Way to the Post-COVID-19 Era. Learning and Analytics in Intelligent Systems, 2022, , 93-109.	0.5	5
487	Interaction Modalities for Notification Signals in Augmented Reality., 2021,,.		7
488	The Collaborative Interaction with Pokémon-Go Robot uses Augmented Reality technology for Increasing the Intentions of Patronizing Hospitality. Information Systems Frontiers, 2024, 26, 107-119.	4.1	5
489	Robust hierarchical structure from motion for large-scale unstructured image sets. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 181, 367-384.	4.9	10
490	CheerBrush: A Novel Interactive Augmented Reality Coaching System for Toothbrushing Skills in Children with Autism Spectrum Disorder. ACM Transactions on Accessible Computing, 2021, 14, 1-20.	1.9	11
491	Marker Classification Method for Hierarchical Object Navigation in Mobile Augmented Reality. Communications in Computer and Information Science, 2011, , 179-184.	0.4	0
492	Perancangan Game Kartu Interaktif Berbasis Android Menggunakan Augmented Reality. ComTech, 2011, 2, 726.	0.5	2
493	Inter aktion – Demosession. , 2012, , 467-553.		0
494	A Proposed Platform to Simplify the Integration of Electronics Into a Mechanical Engineering Design Course. , 2012, , .		0
495	A Design and Implementation of Ubiquitous Museum(U-Seum) Using Location Based Service and Augmented Reality. Journal of Internet Computing and Services, 2012, 13, 63-71.	0.1	3
496	Enhancing Metric Perception with RGB-D Camera. Lecture Notes in Computer Science, 2013, , 23-31.	1.0	0
497	Empires of the Future. Advances in Library and Information Science, 2013, , 180-206.	0.2	0
498	Model Design of Digital Instructional System Based on AR Technology. Communications in Computer and Information Science, 2013, , 469-478.	0.4	0
499	Using Visualisation for Disruptive Innovation in Healthcare. Intelligent Systems Reference Library, 2014, , 111-142.	1.0	2
500	A Study of Mobile Embedded Technology and on Line Nuclear Energy Education Learning Using the Tsing Hua Open-pool Reactor. International Journal of Modern Education Forum, 2014, 3, 31.	0.2	0
501	Location-based Mobile Augmented Reality Applications - Challenges, Examples, Lessons Learned. , 2014, , .		3
502	An Injection Molding Process Management System based on Mobile Augmented Reality. Journal of the Korean Society for Precision Engineering, 2014, 31, 591-596.	0.1	0

#	Article	IF	Citations
503	Cut off Your Arm: A Medium-Cost System for Integrating a 3D Object with a Real Actor. International Journal of Image Graphics and Signal Processing, 2014, 6, 10-16.	0.8	1
505	Augmented Reality and 3D Technologies: Mapping Case Studies in Education. , 2015, , 1-12.		0
506	Augmented Reality and 3D Technologies: Mapping Case Studies in Education., 2015,, 847-860.		0
507	Smart Technologies. Advances in Hospitality, Tourism and the Services Industry, 2015, , 116-132.	0.2	1
508	An Exploratory Study of 3D Interaction Techniques in Augmented Reality Environments. Journal of Software, 2015, 10, 427-440.	0.6	1
509	SOFT SHADOWS USING SP-LINE APPROXIMATION. Jurnal Teknologi (Sciences and Engineering), 2015, 75, .	0.3	0
510	ROBUST HAND-DRAWN SQUARE-ROI CONTOUR DETECTOR BASED ON ADAPTIVE THRESHOLDING. Jurnal Teknologi (Sciences and Engineering), 2015, 75, .	0.3	0
511	Smart Technologies., 2016,, 876-892.		O
512	Mobile computation offloading architecture for mobile augmented reality, case study: Visualization of cetacean skeleton. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	1
513	Augmented Quick Health. International Journal of Computer Applications, 2016, 134, 1-6.	0.2	1
514	Empires of the Future. , 2016, , 1994-2020.		2
515	Augmented reality applications in product design process. New Trends and Issues Proceedings on Humanities and Social Sciences, 2016, 2, 115-125.	0.1	7
516	Analysis of Multi Touch Interactive Device for a Cost Effective Architecture. International Journal of Computer Applications, 2016, 140, 12-17.	0.2	11
517	Compact Monocular 3D Near-eye Display. , 2017, , .		1
518	New Technologies Applied to the Fashion Visual Merchandising. Modern Economy, 2017, 08, 412-429.	0.2	4
519	The Importance of Mobile Augmented Reality in Online Nursing Education. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 291-305.	0.2	0
520	Measuring the Effectiveness of Augmented Reality as a Pedagogical Strategy in Enhancing Student Learning and Motivation. International Journal of Academic Research in Business and Social Sciences, 2017, 7, .	0.0	1
521	Vers une "entreprise augmentéeâ€Â: De nouveaux challenges pour la recherche en management et systà mes d'information. Terminal, 2017, , .	0.1	1

#	Article	IF	Citations
522	AUGMENTED REALITY AND ARTIFICIAL INTELLIGENCE TO CREATE INNOVATIVE SOLUTION SISOM. , 2017, , .		1
523	Potential for utilising head-mounted displays (HMDs) for augmenting laboratories., 2017,,.		1
524	Productivity and Learning Effects of Head-Mounted AR Displays on Human-Centered Work. SSRN Electronic Journal, $0, , .$	0.4	2
526	History of Augmented Reality. , 2018, , 1-4.		3
527	Possible applications of augmented reality at tourist locations utilizing web technologies. TuristiÄko Poslovanje, 2018, , 39-50.	0.1	1
528	Technologia AR w urbanistyce i architekturze – omówienie metod i potencjaÅ,u dla prezentacji koncepcji architektonicznej w Å>rodowisku rozszerzonej rzeczywistoÅ>ci. Åšrodowisko Mieszkaniowe, 2018, 25, 49-59.	0.2	0
529	Ubiquitous Computing, Contactless Points, and Distributed Stores., 2018,, 7805-7813.		0
530	Development a Software with Augmented Reality Using Unreal Engine 4. , 2018, , .		0
531	Latency Factor in Bot Movement Through Augmented Reality. Smart Innovation, Systems and Technologies, 2018, , 781-790.	0.5	2
532	Process Excellence and Industry 4.0. Advances in Business Information Systems and Analytics Book Series, 2018, , 328-350.	0.3	O
533	Recreation of history using augmented reality. ACCENTS Transactions on Image Processing and Computer Vision, 2018, 4, 1-5.	0.5	10
534	Liquid crystal true 3D displays for augmented reality applications. , 2018, , .		O
535	Development of a Platform for Augmented Reality-Based Speech Language Therapy. Communication Sciences and Disorders, 2018, 23, 462-476.	0.1	2
536	Augmented Reality and 3D Technologies: Mapping Case Studies in Education. , 2019, , 1-21.		0
537	Analysis of holographic lightguide's optical parameters for AR devices. , 2018, , .		1
538	A combination of computer generated Fresnel holograms and light guide substrate with diffractive optical elements for optical display and sighting system. , 2018, , .		0
539	Immersive Virtualizations. Human-computer Interaction Series, 2019, , 119-130.	0.4	0
540	Hidden Surface Removal for Interaction between Hand and Virtual Objects in Augmented Reality. Advances in Science, Technology and Engineering Systems, 2019, 4, 359-365.	0.4	0

#	Article	IF	CITATIONS
541	Augmented Reality., 2019,, 97-99.		0
542	CSI4FS®. Advances in Educational Technologies and Instructional Design Book Series, 2019, , 238-257.	0.2	2
543	Augmented Reality and 3D Technologies: Mapping Case Studies in Education., 2019, , 1307-1326.		0
544	The Use of Augmented Reality as a Teaching Tool. Advances in Educational Technologies and Instructional Design Book Series, 2019, , 405-449.	0.2	O
545	Effectively Enforcing Authorization Constraints for Emerging Space-Sensitive Technologies. , 2019, , .		7
546	ARNature: augmented reality style colorization for enhancing tourism experience. , 2019, , .		O
548	The Future of Fashion Films in Augmented Reality and Virtual Reality. Springer Series in Fashion Business, 2020, , 281-301.	0.3	1
549	Fast calculation method for viewpoint movements in computer-generated holograms using a Fourier transform optical system. Applied Optics, 2019, 58, G71.	0.9	3
550	"l See Myself, Therefore I Purchase― Factors Influencing Consumer Attitudes Towards m-Commerce AR Apps. Progress in IS, 2020, , 51-63.	0.5	0
551	Simulation and Modelling in Fire Safety. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 232-262.	0.4	1
552	Progress and Development of Virtual Reality and Augmented Reality Technologies in Tourism. Advances in Hospitality, Tourism and the Services Industry, 2020, , 1-23.	0.2	2
553	Can a Hand-Held Navigation Device Reduce Cognitive Load? A User-Centered Approach Evaluated by 18 Surgeons. Lecture Notes in Computer Science, 2020, , 399-408.	1.0	4
554	Guidelines for the Interface Design of AR Systems for Manual Assembly. , 2020, , .		6
555	Research on smart navigation system based on AR technology. , 2020, , .		1
556	Augmented Reality and IoT. SpringerBriefs in Applied Sciences and Technology, 2021, , 55-71.	0.2	5
557	Applications of augmented reality in ophthalmology [Invited]. Biomedical Optics Express, 2021, 12, 511.	1.5	28
558	EVALUATION OF USER EXPERIENCE IN AUGMENTED REALITY MOBILE APPLICATIONS. Journal of Business Economics and Management, 2020, 22, 467-481.	1.1	11
559	Gazetecilikte Artırılmış Gerçeklik Kullanımın Haber Kavramı Üzerinden Değerlendirilmesi. Gir İnovasyon Ve Pazarlama Araştırmaları Dergisi, 0, , 153-165.	iÅŸimcilik 0.1	O

#	Article	IF	CITATIONS
560	Production Technique of Realistic Contents based on Interactive Media. The Journal of Korean Institute of Information Technology, 2020, 18, 121-129.	0.1	0
561	Gerçeklik Türlerinin Karşılaştırılması. Uludağ University Journal of the Faculty of Engineering, 0, , 1155-1168.	0.2	0
562	Telemedicine Meets Augmented Reality: Healthcare Services Delivery and Distance Training. , 2020, , .		6
563	Augmented Reality and Autism Spectrum Disorder Rehabilitation: Scoping review. , 2020, , .		4
564	Beyond Virtual and Augmented Reality. Advances in Computational Intelligence and Robotics Book Series, 2020, , 252-265.	0.4	1
565	Immersive Visualizations Using Augmented Reality and Virtual Reality. , 2020, , 1-8.		1
566	Design of waveguide eyeglass for full-color display with large field of view. , 2020, , .		0
567	Modelling Alzheimer's People Brain Using Augmented Reality for Medical Diagnosis Analysis. Advances in Intelligent Systems and Computing, 2020, , 524-531.	0.5	1
568	Technologies to Support Tourism Innovation and Cultural Heritage: Development of an Immersive Virtual Reality Application. Lecture Notes in Computer Science, 2020, , 3-14.	1.0	6
569	Artırılmış Gerçeklik Teknolojisinin Pazarlamadaki Yeri. AJIT-e Online Academic Journal of Information Technology, 2020, 10, .	0.3	1
570	Exploiting Cross-Reality Technologies for Cultural Heritage Dissemination. Advances in Religious and Cultural Studies, 2020, , 85-108.	0.1	2
571	The Development of Augmented Reality Applications for Chemistry Learning. Springer Series on Cultural Computing, 2020, , 159-183.	0.4	7
572	The Educational Use of the â€~Harry Potter: Wizards Unite' Augmented Reality Application. Springer Series on Cultural Computing, 2020, , 247-259.	0.4	1
573	Implementation of Augmented Reality in Manufacturing: A Case Study Exercise. Progress in IS, 2020, , 85-97.	0.5	4
574	A portable projection mapping device for medical augmented reality in single-stage cranioplasty. , 2020, , .		4
575	Augmented and Mixed Reality in Language Learning. European Journal of Education, 2021, 4, 27-43.	0.2	2
577	Antecedents and moderators of consumer adoption toward ARâ€enhanced virtual tryâ€on technology: A stimulusâ€organismâ€response approach. International Journal of Consumer Studies, 2022, 46, 1319-1338.	7.2	29
578	Zoomâ€fwd : Efficient technique for 3D gestual interaction with distant and occluded objects in virtual reality. Computer Animation and Virtual Worlds, 0, , .	0.7	O

#	Article	IF	Citations
579	An Augmented-Reality-Based Intelligent Mobile Application for Open Computer Education. , 0, , 324-344.		2
580	Augmented Reality With Mobile and Ubiquitous Learning. , 0, , 603-617.		0
581	The Importance of Mobile Augmented Reality in Online Nursing Education. , 0, , 1107-1121.		1
582	The Importance of Mobile Augmented Reality in Online Nursing Education. , 0, , 111-125.		0
583	Augmented Situated Visualization for Spatial and Context-Aware Decision-Making., 2020,,.		3
585	Implementing Interactive 3-D Models in an Entry-level Engineering Course to Enhance Students' Visualization. , 0, , .		1
586	Augmented Reality in Maintenance Training for Military Equipment. Journal of Physics: Conference Series, 2020, 1626, 012184.	0.3	12
587	Bio-WTiP: Biology lesson in handheld augmented reality application using tangible interaction. IOP Conference Series: Materials Science and Engineering, 2020, 979, 012002.	0.3	2
588	Projection-based augmented reality system for assembly guidance and monitoring. Assembly Automation, 2021, 41, 10-23.	1.0	10
589	Unified Representation for XR Content and its Rendering Method. , 2020, , .		8
590	Design of a compact waveguide eyeglass with high efficiency by joining freeform surfaces and volume holographic gratings. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, A19.	0.8	8
591	The Contribution of Spatial Augmented Reality to the Synergy of Special and Alternative Forms of Tourism in Greece. Advances in Business Strategy and Competitive Advantage Book Series, 2022, , 1-14.	0.2	1
592	Using virtual reality learning environments to motivate and socialize undergraduates in distance learning. Participatory Educational Research, 2022, 9, 199-218.	0.4	13
593	Effects of Head-locked Augmented Reality on User's Performance and Perceived Workload. Proceedings of the Human Factors and Ergonomics Society, 2021, 65, 1094-1098.	0.2	5
594	How to Promote User Purchase in Metaverse? A Systematic Literature Review on Consumer Behavior Research and Virtual Commerce Application Design. Applied Sciences (Switzerland), 2021, 11, 11087.	1.3	135
595	The impact of shipping 4.0 on controlling shipping accidents: A systematic literature review. Ocean Engineering, 2022, 243, 110162.	1.9	19
596	Adjustable and continuous eye-box replication for holographic Maxwellian near-eye display. Optics Letters, 2022, 47, 445-448.	1.7	10
597	GuÃas de experiencia de usuario para aplicaciones de turismo cultural basadas en realidad aumentada. Informes CientÃficos Y Técnicos (Universidad Nacional De La Patagonia Austral), 2021, 13, 26-43.	0.1	2

#	Article	IF	CITATIONS
598	Technology in nursing education: Augmented reality. Pamukkale University Journal of Engineering Sciences, 2021, 27, 627-637.	0.2	4
599	Technological solutions in Logistics 4.0. Ekonomika Preduzeca, 2021, 69, 385-401.	0.3	7
600	Virtual and Space Tourism as New Trends in Travelling at the Time of the COVID-19 Pandemic. Sustainability, 2022, 14, 628.	1.6	12
601	Towards Tangible Cultural Heritage Experiences—Enriching VR-based Object Inspection with Haptic Feedback. Journal on Computing and Cultural Heritage, 2022, 15, 1-17.	1.2	9
602	A review on Virtual Reality and Augmented Reality use-cases of Brain Computer Interface based applications for smart cities. Microprocessors and Microsystems, 2022, 88, 104392.	1.8	47
603	In-Depth Learning of Architectural Heritage with Application of Augmented Reality based on Sequential Scenes. , 2020, , .		2
604	An Innovative Marketing Strategy: -Adopting AR & VR in Jewelry Sales. , 2020, , .		0
605	Augmented Reality and Quick Response Code Technology in Engineering Drawing Course. , 2020, , .		4
606	Investigating the acceptance of Augmented Reality for raising awareness on potentially harmful ingredients present in consumable products. , 2020, , .		2
607	Supporting Medical Auxiliary Work: The Central Sterile Services Department as a Challenging Environment for Augmented Reality Applications. , 2020, , .		1
608	Variants and Applications of Generative Adversarial Networks., 2021,,.		0
609	Augmented Reality and Wireless Navigation Robot Implementation for Room Decoration Planning. , 2021, , .		0
610	Improving Effectiveness of STEM Education in Covid-19 Pandemic – A Pilot Study. , 2021, , .		1
611	Augmented Reality in Ophthalmology: Applications and Challenges. Frontiers in Medicine, 2021, 8, 733241.	1.2	6
612	Augmented Reality Application Selection Framework Using Spherical Fuzzy COPRAS Multi Criteria Decision Making. Cogent Engineering, 2022, 9, .	1.1	16
613	Augmented reality-based border management. Virtual Reality, 2022, 26, 1123-1143.	4.1	2
614	Interaction in eXtended Reality Applications for Cultural Heritage. Applied Sciences (Switzerland), 2022, 12, 1241.	1.3	25
615	The Application of Augmented Reality Technology in Apparel Design: A Case of "Plaid Waltz― , 2022, , 117-135.		O

#	Article	IF	CITATIONS
616	Interactive defect quantification through extended reality. Advanced Engineering Informatics, 2022, 51, 101473.	4.0	13
617	Augmented Reality: Robotics, Urbanism and the Digital Turn. , 2022, , 1-10.		O
618	Analytic Review of Using Augmented Reality for Situational Awareness. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 2166-2183.	2.9	18
619	Augmented Reality (AR) Technology-Based Learning: The Effect on Physics Learning during the COVID-19 Pandemic. International Journal of Information and Education Technology, 2022, 12, 132-140.	0.9	2
620	Digital Cultural Heritage. Advances in Hospitality, Tourism and the Services Industry, 2022, , 183-202.	0.2	0
621	Environmental Temperature in Thermal Comfort Under Different Virtual Tourism Activity Intensities: Based on Microclimate Simulation Experiment. Frontiers in Neuroscience, 2021, 15, 762322.	1.4	3
622	VR-enabled engineering consultation chatbot for integrated and intelligent manufacturing services. Journal of Industrial Information Integration, 2022, 26, 100331.	4.3	6
623	The Potential Applications of Augmented Reality in Fetoscopic Surgery for Antenatal Treatment of Myelomeningocele. World Neurosurgery, 2022, 159, 27-32.	0.7	3
624	A meta-analysis and systematic literature review of mixed reality rehabilitation programs: Investigating design characteristics of augmented reality and augmented virtuality. Computers in Human Behavior, 2022, 130, 107197.	5.1	17
625	The challenges of entering the metaverse: An experiment on the effect of extended reality onÂworkload. Information Systems Frontiers, 2022, , 1-22.	4.1	113
626	A review on 2D instance segmentation based on deep neural networks. Image and Vision Computing, 2022, 120, 104401.	2.7	56
627	Role of Augmented Reality in Changing Consumer Behavior and Decision Making: Case of Pakistan. Sustainability, 2021, 13, 14064.	1.6	12
628	A Hybrid Calibration Method for the Binocular Omnidirectional Vision System. IEEE Sensors Journal, 2022, 22, 8059-8070.	2.4	7
630	Continuous Usage Intention Toward Interactive Mixed Reality Technologies. International Journal of Technology and Human Interaction, 2022, 18, 0-0.	0.3	2
632	Museum Experience and Digital Consumption. Advances in Hospitality, Tourism and the Services Industry, 2022, , 120-144.	0.2	0
633	3D registration based on V-SLAM and application in augmented reality. Journal of Computational Methods in Sciences and Engineering, 2022, 22, 911-923.	0.1	2
635	Effects of AR Picture Books on German Teaching in Universities. Journal of Intelligence, 2022, 10, 13.	1.3	10
636	An Overview of Augmented Reality. Computers, 2022, 11, 28.	2.1	57

#	Article	IF	CITATIONS
637	Study of Augmented Reality Based Manufacturing for Further Integration of Quality Control 4.0: A Systematic Literature Review. Applied Sciences (Switzerland), 2022, 12, 1961.	1.3	27
638	From Reality to Virtuality: Re-discussing Cities with the Concept of the Metaverse. International Journal of Management and Accounting, 2022, , 12-20.	0.6	3
639	A non-invasive learning branch to capture leaf-image attention for tree species classification. Multimedia Tools and Applications, 2022, 81, 13961-13978.	2.6	2
640	MODELING THE APPLICATION OF AUGMENTED REALITY TECHNOLOGY IN THE EDUCATION PROCESS. Science: Future of Lithuania, 2022, 14, 1-7.	0.0	0
641	A Review of the Digital Twin Technology in the AEC-FM Industry. Advances in Civil Engineering, 2022, 2022, 1-17.	0.4	25
642	The Sense of Presence between Volumetric-Video and Avatar-Based Augmented Reality and Physical-Zoom Teaching Activities. Presence: Teleoperators and Virtual Environments, 2019, 28, 267-280.	0.3	1
643	Using augmented reality for shopping: a framework for AR induced consumer behavior, literature review and future agenda. Internet Research, 2023, 33, 242-279.	2.7	37
644	Experiential AR/VR: a consumer and service framework and research agenda. Journal of Service Management, 2023, 34, 34-55.	4.4	17
645	Is Virtual Reality Training More Effective Than Traditional Physical Training on Balance and Functional Mobility in Healthy Older Adults? A Systematic Review and Meta-Analysis. Frontiers in Human Neuroscience, 2022, 16, 843481.	1.0	9
646	3D-visual fatigue-free AR displays. , 2022, , .		1
647	Zur Bedeutung von Augmented Reality im Mathematikunterricht der Sekundarstufen. MedienpĄdagogik, 0, 47, 53-75.	0.3	3
648	What is XR? Towards a Framework for Augmented and Virtual Reality. Computers in Human Behavior, 2022, 133, 107289.	5.1	234
649	Self-supervised Monocular Depth Estimation for All Day Images using Domain Separation., 2021,,.		23
650	OMNet: Learning Overlapping Mask for Partial-to-Partial Point Cloud Registration., 2021,,.		77
651	Review on Augmented Reality Technology. , 2021, , .		1
653	The educational possibilities of augmented and virtual reality technologies. Informatics and Education, 2021, , 43-56.	0.2	2
654	Deep-Learning-Based Adaptive Advertising with Augmented Reality. Sensors, 2022, 22, 63.	2.1	5
655	A Systematic Review of User Acceptance in Industrial Augmented Reality. Frontiers in Education, 2021, 6, .	1.2	8

#	Article	IF	Citations
656	ARHome: Object Selection and Manipulation using Raycasting Technique with 3D-model Tracking in Handheld Augmented Reality. , 2021 , , .		1
657	A Keylogging Inference Attack on Air-Tapping Keyboards in Virtual Environments. , 2022, , .		8
658	Understanding the Capabilities of the HoloLens 1 and 2 in a Mixed Reality Environment for Direct Volume Rendering with a Ray-casting Algorithm. , 2022, , .		3
659	Learning with digital technology-facilitated empathy: an augmented reality approach to enhancing students' flow experience, motivation, and achievement in a biology program. Interactive Learning Environments, 2023, 31, 6988-7004.	4.4	10
660	The Effects of Augmented Reality in the Technical Drawing Course on Engineering Students' Spatial Ability and Academic Achievement. Journal of Learning and Teaching in Digital Age, 2022, 7, 160-174.	0.5	2
663	Corporate Elderly Entrepreneurship in the Digital World. , 2022, , 1631-1654.		0
664	3D Reconstruction, Digital Twinning, and Virtual Reality: Architectural Heritage Applications. , 2022, , .		20
665	Analyzing Critical Condition of Patients through Augmented Reality Glass. , 2022, , .		0
666	Mobility Management Issues and Solutions in 5G-and-Beyond Networks: A Comprehensive Review. Electronics (Switzerland), 2022, 11, 1366.	1.8	30
667	Medicine Drug Name Detection Based Object Recognition Using Augmented Reality. Frontiers in Public Health, 2022, 10, 881701.	1.3	4
668	Foveated integral imaging system for near-eye 3D displays., 2022, 1, 1294.		2
669	Brain-computer interface combined with augment reality. , 2022, , .		0
670	A meta-analytic review on incorporating virtual and augmented reality in museum learning. Educational Research Review, 2022, 36, 100454.	4.1	36
671	An overview of visualization and visual analytics applications in water resources management. Environmental Modelling and Software, 2022, 153, 105396.	1.9	17
672	A Systematic Review of Tools Available in the Field of Augmented Reality. Journal of Cases on Information Technology, 2022, 24, 1-9.	0.7	0
673	Reality-Virtuality Technologies in the Field of Materials Science and Engineering. Applied Sciences (Switzerland), 2022, 12, 4968.	1.3	3
675	State-of-the-art: Implementation of augmented reality and virtual reality with the integration of 5G in the classroom. AIP Conference Proceedings, 2022, , .	0.3	1
676	What Is Significant in Modern Augmented Reality: A Systematic Analysis of Existing Reviews. Journal of Imaging, 2022, 8, 145.	1.7	6

#	ARTICLE	IF	Citations
677	Conveying Intangible Cultural Heritage in Museums with Interactive Storytelling and Projection Mapping: The Case of the Mastic Villages. Heritage, 2022, 5, 1024-1049.	0.9	10
678	Improved perception of ceramic molds through augmented reality. Multimedia Tools and Applications, 2022, 81, 43373-43390.	2.6	4
680	AR-AI Tools as a Response to High Employee Turnover and Shortages in Manufacturing during Regular, Pandemic, and War Times. Sustainability, 2022, 14, 6729.	1.6	8
681	The application of augmented reality in the learning of autistic students: a systematic and thematic review in 1996–2020. Journal of Enabling Technologies, 2022, ahead-of-print, .	0.7	1
682	Route learning with augmented reality navigation aids. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 88, 132-140.	1.8	8
683	Research Trends on the Use of Augmented Reality Technology in Teaching English as a Foreign Language. Participatory Educational Research, 2022, 9, 76-104.	0.4	3
684	Social Media Users' Perceptions of a Wearable Mixed Reality Headset During the COVID-19 Pandemic: Aspect-Based Sentiment Analysis. JMIR Serious Games, 2022, 10, e36850.	1.7	7
685	Development of an augmented reality-based process management system: The case of a natural gas power plant. IISE Transactions, 2023, 55, 201-216.	1.6	3
686	Shopping with augmented reality: How wow-effect changes the equations!. Electronic Commerce Research and Applications, 2022, 54, 101166.	2.5	21
687	The effect of virtual reality on the marketing of residential property. Housing Studies, 2024, 39, 671-694.	1.6	6
688	3D Object Detection from Point Cloud Based on Deep Learning. Wireless Communications and Mobile Computing, 2022, 2022, 1-9.	0.8	3
689	Augmented Reality Marketing: A Systematic Literature Review and an Agenda for Future Inquiry. Frontiers in Psychology, 0, 13, .	1.1	11
690	Augmented and Virtual Reality-Driven Interventions for Healthy Behavior Change: A Systematic Review. , 2022, , .		1
691	Uniformity improvement of two-dimensional surface relief grating waveguide display using particle swarm optimization. Optics Express, 2022, 30, 24523.	1.7	18
692	Multiplexed Holographic Combiner with Extended Eye Box Fabricated by Wave Front Printing. Photonics, 2022, 9, 419.	0.9	4
693	Novel Edutainment Learning Concept via Augmented Reality Approach. International Journal of Information and Education Technology, 2022, 12, 719-724.	0.9	1
695	FINet: Dual Branches Feature Interaction for Partial-to-Partial Point Cloud Registration. Proceedings of the AAAI Conference on Artificial Intelligence, 2022, 36, 2848-2856.	3.6	19
696	18â€2: Assessment of Image Quality in Augmented Reality Displays Using a Computational Model of Target Detectability. Digest of Technical Papers SID International Symposium, 2022, 53, 194-197.	0.1	3

#	Article	IF	CITATIONS
697	The Hitchhiker's Guide to Fused Twins: A Review of Access to Digital Twins In Situ in Smart Cities. Remote Sensing, 2022, 14, 3095.	1.8	15
698	49â€5: Fastâ€Response Pancharatnamâ€Berry Phase LC Lens for AR Display. Digest of Technical Papers SID International Symposium, 2022, 53, 640-643.	0.1	O
699	Augmented Reality and Gamification in Education: A Systematic Literature Review of Research, Applications, and Empirical Studies. Applied Sciences (Switzerland), 2022, 12, 6809.	1.3	60
700	Primary Education and Augmented Reality. Other Form to Learn. Cogent Education, 2022, 9, .	0.6	3
701	Industry 4.0 and supply chain performance: A systematic literature review of the benefits, challenges, and critical success factors of 11 core technologies. Industrial Marketing Management, 2022, 105, 268-293.	3.7	64
702	Augmented reality generalizations: A meta-analytical review on consumer-related outcomes and the mediating role of hedonic and utilitarian values. Journal of Business Research, 2022, 151, 170-184.	5.8	24
703	Augmented Reality and Artificial Intelligence in industry: Trends, tools, and future challenges. Expert Systems With Applications, 2022, 207, 118002.	4.4	48
704	Augmented Reality Media Development in Early Childhood Learning System During the Covid 19 Pandemic Era., 2021,,.		0
705	Monocular Visual SLAM for Markerless Tracking Algorithm to Augmented Reality. Intelligent Automation and Soft Computing, 2023, 35, 1691-1704.	1.6	1
706	Virtual Reality, Augmented Reality, and Mixed Reality Applications: Present Scenario. , 2022, , .		5
707	Partial-to-Partial Point Cloud Registration Based on Multi-Level Semantic-Structural Cognition. , 2022, , .		0
708	A Survey of Museum Applied Research Based on Mobile Augmented Reality. Computational Intelligence and Neuroscience, 2022, 2022, 1-22.	1.1	2
709	The Application of VR/AR Technology in Graphic Design Based on zSpace. Wireless Communications and Mobile Computing, 2022, 2022, 1-7.	0.8	3
710	Mobile Augmented Reality: User Interfaces, Frameworks, and Intelligence. ACM Computing Surveys, 2023, 55, 1-36.	16.1	18
711	Compact full-color augmented reality near-eye display using freeform optics and a holographic optical combiner. Optics Express, 2022, 30, 31714.	1.7	7
712	Enabling human–machine collaboration in infrastructure inspections through mixed reality. Advanced Engineering Informatics, 2022, 53, 101709.	4.0	11
713	Subwavelength dielectric grating structures with tunable higher order resonance for achromatic augmented reality display. Applied Optics, 2022, 61, 7245.	0.9	1
714	Digital technology for quality management in construction: A review and future research directions. Developments in the Built Environment, 2022, 12, 100087.	2.0	15

#	Article	IF	CITATIONS
715	Using Modern Information and Communication Technologies for Intelligent Capitalization of Cultural Resources. Intelligent Systems Reference Library, 2022, , 33-45.	1.0	0
716	The Effects of Spatial Complexity on Narrative Experience in Space-Adaptive AR Storytelling. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 5137-5148.	2.9	0
717	Application of AR technologies in the building industry. AIP Conference Proceedings, 2022, , .	0.3	1
718	Technology Trends of Virtual Augmented Reality and Application to Military Education and Training. The Journal of Korean Institute of Information Technology, 2022, 20, 151-164.	0.1	2
719	Augmented reality: a view to future visual supports for people with disability. Disability and Rehabilitation: Assistive Technology, 2024, 19, 800-813.	1.3	3
720	Augmented and Virtual Reality (AR/VR) for Education and Training in the AEC Industry: A Systematic Review of Research and Applications. Buildings, 2022, 12, 1529.	1.4	29
721	Displaying Augmented Reality Manuals in the Design Phase of the Product Lifecycle. Lecture Notes in Mechanical Engineering, 2023, , 1316-1326.	0.3	0
722	Acoustically driven orientation and navigation in enclosed spaces. Journal of the Acoustical Society of America, 2022, 152, 1767-1782.	0.5	2
723	A System and Method for Intelligent Induced Maintenance of Space Application Facilities. Mobile Information Systems, 2022, 2022, 1-12.	0.4	0
724	The effect of presentation position and multichannel approach on learning performance in the use of an augmented reality $\hat{\epsilon}$ "head worn display interface for train-driving training. Interactive Learning Environments, 0, , 1-16.	4.4	1
725	Objective measurement technique for mitigating the augmented-reality geometric waveguided ouble-image problem. , 0, , .		0
726	Methods and Techniques in Creative Tourism: Why Technologies Are So Relevant to Achieve Creativity?., 2022,, 179-222.		2
727	Comparing the efficacy of AR-based training with video-based training. Proceedings of the Human Factors and Ergonomics Society, 2022, 66, 1862-1866.	0.2	1
728	Cultural Heritage and Sustainable Rural Development: The Case of TÃrbena, Spain. Heritage, 2022, 5, 3010-3031.	0.9	3
729	Use of augmented reality in science education: A mixed-methods research with the multi-complementary approach. Education and Information Technologies, 0, , .	3.5	2
730	Consumer behavior in augmented shopping reality. A review, synthesis, and research agenda. Frontiers in Virtual Reality, 0, 3, .	2.5	1
731	Graph-DETR3D. , 2022, , .		16
732	State of the Art in Lung Nodule Localization. Journal of Clinical Medicine, 2022, 11, 6317.	1.0	2

#	Article	IF	CITATIONS
733	Digital Twin in smart manufacturing: remote control and virtual machining using VR and AR technologies. Structural and Multidisciplinary Optimization, 2022, 65, .	1.7	19
734	Artificially Intelligent and Sustainable Smart Cities. Studies in Computational Intelligence, 2023, , 237-268.	0.7	1
735	Evaluation of simplified 3D CAD data for conveying industrial assembly instructions via Augmented reality. , 2022, , .		1
736	A brief note on building augmented reality models for scientific visualization. Finite Elements in Analysis and Design, 2023, 213, 103851.	1.7	3
737	Industry 4.0 Technologies Transforming the Future of Work in Post Pandemic World. Palgrave Studies in Democracy, Innovation, and Entrepreneurship for Growth, 2022, , 311-321.	0.3	0
738	Synthesizing Voice User Interface for Augmented Reality Experience Enhancements. , 2021, , .		0
739	Developing Folklore by Utilizing Augmented Reality which Implements The 3D Pipeline Method., 2022,,.		0
740	XSpace: An Augmented Reality Toolkit for Enabling Spatially-Aware Distributed Collaboration. Proceedings of the ACM on Human-Computer Interaction, 2022, 6, 277-302.	2.5	4
741	Generic and Accessible Gesture Controlled Augmented Reality Platform. , 2022, , .		0
742	State-of-the-art analysis of the integration of augmented reality with construction technologies toÂimprove construction safety. Smart and Sustainable Built Environment, 2022, ahead-of-print, .	2.2	3
743	The influence of augmented reality interaction design on Pilot's perceived workload and situation awareness. International Journal of Industrial Ergonomics, 2022, 92, 103382.	1.5	4
744	The Trend of Industrial Design from the Perspective of Metaverse. Lecture Notes in Computer Science, 2022, , 397-406.	1.0	2
745	The Application of Digital Technologies into Utilizing Urban Voids. Advances in Science, Technology and Innovation, 2022, , 167-176.	0.2	1
746	Smart Eye: An Application for In Situ Accessibility to "Invisible―Heritage Sites. Journal of Computer Applications in Archaeology, 2022, 5, 286-298.	0.8	0
747	Metaverse and Human-Computer Interaction: A Technology Framework for 3D Virtual Worlds. Lecture Notes in Computer Science, 2022, , 213-221.	1.0	9
748	Current State and Prospects of Increasing the Functionality of Augmented Reality Using Neural Networks. Modelling and Simulation in Engineering, 2022, 44, 73-89.	0.0	0
749	Are all the flowers the same? A Citizen Science mobile app for increasing awareness about insect pollinators. , 2022, , .		0
750	A QoE Evaluation of Haptic and Augmented Reality Gait Applications via Time and Frequency-Domain Electrodermal Activity (EDA) Analysis. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
751	Materials Science and Engineering Education Based on Reality-Virtuality Technologies. Lecture Notes in Networks and Systems, 2023, , 48-58.	0.5	0
752	AN ASSESSMENT ON THE EXPECTED TRANSFORMATION OF 3 D VIRTUAL WORLD IN ACCOUNTING APPLICATIONS: ACCOUNTING IN SECOND LIFE AND METAVERSE. Gaziosmanpasa Universitesi Sosyal Bilimler Arastirmalari Dergisi, 2022, 17, 133-149.	0.3	2
753	State of the art of augmented reality capabilities for civil infrastructure applications. Engineering Reports, 2023, 5, .	0.9	3
754	The Use of Technological-Based Safety Solutions in People Emergency Evacuation. Automation, Collaboration, and E-services, 2023, , 223-233.	0.5	0
755	To explore the impact of augmented reality digital picture books in environmental education courses on environmental attitudes and environmental behaviors of children from different cultures. Frontiers in Psychology, 0, 13, .	1.1	4
756	Framework for the Use of Extended Reality Modalities in AEC Education. Buildings, 2022, 12, 2169.	1.4	5
757	In-Depth Review of Augmented Reality: Tracking Technologies, Development Tools, AR Displays, Collaborative AR, and Security Concerns. Sensors, 2023, 23, 146.	2.1	16
758	The Use of Augmented Reality to Enhance Consumer Experience: The Case of Kohl's Snapchat Virtual Closet and Sephora Virtual Artist. , 2023, , 55-71.		3
759	Augmented Reality's Application in Education and Training. Springer Handbooks, 2023, , 335-353.	0.3	1
760	Augmented Reality: Robotics, Urbanism, and the Digital Turn. , 2022, , 58-68.		0
761	A New Augmented Reality System for Calculating Social Distancing between Children at School. Electronics (Switzerland), 2023, 12, 358.	1.8	0
762	Movement Time for Pointing Tasks in Real and Augmented Reality Environments. Applied Sciences (Switzerland), 2023, 13, 788.	1.3	4
763	Digital Twin and Extended Reality: Strategic Approach and Practical Implementation. Springer Handbooks, 2023, , 853-880.	0.3	1
764	Augmented Reality in Arts Education. Springer Handbooks, 2023, , 305-333.	0.3	0
765	Potentiating Learning Through Augmented Reality and Serious Games. Springer Handbooks, 2023, , 369-390.	0.3	1
766	TecHedonism as metaverse in the future of Nigerian netizens' sociopolitics. , 2023, 1, 65-75.		0
767	The Effects of Augmented Reality on Social Skills in Children with an Autism Diagnosis: A Preliminary Systematic Review. Journal of Autism and Developmental Disorders, 0, , .	1.7	3
768	Digital Technologies in Offsite and Prefabricated Construction: Theories and Applications. Buildings, 2023, 13, 163.	1.4	10

#	Article	IF	CITATIONS
769	Mobile Augmented Reality Adaptation through Smartphone Device Based Hybrid Tracking to Support Cultural Heritage Experience. , $2018, \ldots$		4
770	Augmented Reality Technology: Current Applications, Challenges and its Future. , 2022, , .		7
771	Exploring the Augmented Intelligence and Augmented Reality. Advances in Library and Information Science, 2022, , 125-141.	0.2	0
772	Augmented Reality Media in Teaching English for Young Learner. Jurnal Studi Guru Dan Pembelajaran, 2022, 5, 272-277.	0.2	0
773	An Efficient and Robust Hybrid SfM Method for Large-Scale Scenes. Remote Sensing, 2023, 15, 769.	1.8	2
774	Does Augmented Reality Help to Understand Chemical Phenomena during Hands-On Experiments?–Implications for Cognitive Load and Learning. Multimodal Technologies and Interaction, 2023, 7, 9.	1.7	4
775	Exploring the feasibility of augmented reality game-supported flipped classrooms in reading comprehension of English for Medical Purposes. Computer Assisted Language Learning, 0, , 1-34.	4.8	2
776	Augmented Reality (AR) Brand Storytelling: The Role of Flow in Attitude Formation and Associative Learning. Springer Proceedings in Business and Economics, 2023, , 72-84.	0.3	1
777	Virtual and Augmented Reality with Embedded Systems. , 2023, , 75-96.		0
778	When the Museum Experience Becomes Immersive: Impact and Challenges of Mobile Augmented Reality. Revue Internationale Des Sciences De L'organisation, 2023, N° 14, 127-157.	0.1	0
779	EDUKA: Design and development of an intelligent tutor and author tool for the personalised generation of itineraries and training activities in inmersive 3D and $360 \hat{A}^{\circ}$ educational environments. International Journal of Production Management and Engineering, 2023, 11, 31-42.	0.8	0
780	Fast Augmented Reality Authoring: Fast Creation of AR Step-by-Step Procedures for Maintenance Operations. IEEE Access, 2023, 11, 8407-8421.	2.6	4
781	Top Global Tourist Trends: Did COVID-19 Influence Their Patterns?. Advanced Series in Management, 2023, 30, 173-186.	0.8	0
782	Augmented Reality in Business and Economics: Bibliometric and Topics Analysis. Interdisciplinary Description of Complex Systems, 2022, 20, 723-744.	0.3	4
783	Augmented Reality-Based Smart Mobile Application to Make ASD Children Accustomed to Daily Challenges. Algorithms for Intelligent Systems, 2023, , 613-625.	0.5	0
784	A Survey on Remote Assistance and Training in Mixed Reality Environments. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 2291-2303.	2.9	8
785	Comparison of changes in visual fatigue and ocular surface after 3D and 2D viewing with augmented reality glasses. Displays, 2023, 78, 102401.	2.0	4
786	A Study on the Relationship between Slow Journalism and Virtual Reality: The New York Times and the Guardian Samples. , 0, , .		0

#	Article	IF	CITATIONS
787	Using an augmented reality application for teaching plant parts: A case study in $1\ddot{E}$ 4 μ —grade primary school students. Advanced Journal of Nursing, 2023, 3, 630-637.	1.5	3
788	Marketing 5.0: An Empirical Investigation of Its Perceived Effect on Marketing Performance. Marketing and Management of Innovations, 2022, 13, 55-64.	0.4	1
789	Relativity Approach to the Strategic Cyber Conflict Management in Businesses. Ege Akademik Bakis (Ege) Tj ETQo	10,00 rgB	T <i> </i> Overlock 1
790	Augmented play: An analysis of augmented reality features in location-based games. Convergence, 2023, 29, 342-361.	1.6	3
791	Effective Learning Method Using Extended Reality: Digital TWI. IFIP Advances in Information and Communication Technology, 2023, , 221-232.	0.5	0
792	†The Tree': Deliberating User Experience Design in Augmented Reality Art Creation. , 2023, , 257-265.		0
793	Learning Media Application about Covid-19 with Augmented Reality Technology. , 2022, , .		0
794	Using virtual reality to study the effect of information redundancy on evacuation effectiveness. Human Factors and Ergonomics in Manufacturing, 2023, 33, 259-271.	1.4	O
795	An Educational Game to Teach Children about Air Quality Using Augmented Reality and Tangible Interaction with Sensors. International Journal of Environmental Research and Public Health, 2023, 20, 3814.	1.2	3
796	Design and fabrication method of holographic waveguide near-eye display with 2D eye box expansion. Optics Express, 2023, 31, 11019.	1.7	2
797	A framework for designing interactive mobile training course content using augmented reality. Multimedia Tools and Applications, 2023, 82, 30491-30541.	2.6	2
798	A mixed reality system combining augmented reality, 3D bio-printed physical environments and inertial measurement unit sensors for task planning. Virtual Reality, 2023, 27, 1845-1858.	4.1	2
799	Optical image processing of 2-D and 3-D objects using digital holography. , 2023, , .		0
800	Incorporating AR/VR-assisted learning into informal science institutions: A systematic review. Virtual Reality, 2023, 27, 1985-2001.	4.1	4
801	Pedagogical design in education using augmented reality: a systematic review. Interactive Learning Environments, 0 , , 1 - 18 .	4.4	0
802	Is mixed reality technology an effective tool for retail? A vividness and interaction perspective. Frontiers in Virtual Reality, 0, 4, .	2.5	0
803	A Marker-based AR System on Image Shadowing for Tourists. , 2023, , .		0
804	An Application of IoT in Programmed Tidal Energy Observation System. , 2023, , .		0

#	Article	IF	CITATIONS
808	Mathematics Learning With Augmented Reality in Early Childhood Education. Advances in Educational Technologies and Instructional Design Book Series, 2023, , 30-59.	0.2	0
815	Innovative Technology Applications in Hotel Businesses. Journal for Labour Market Research, 2023, , 17-36.	0.6	2
816	How Virtual and Augmented Reality Can Boost Manufacturing. Springer Tracts in Additive Manufacturing, 2023, , 12-37.	0.2	0
821	When E-learning Meets Web 3.0: Applications and Challenges. , 2023, , .		0
822	Enhanced Surgeons: Understanding the Design of Augmented Reality Instructions for Keyhole Surgery. , 2023, , .		0
824	CPR Emergency Assistance Through Mixed Reality Communication. Lecture Notes in Computer Science, 2023, , 415-429.	1.0	2
826	BIMThermoAR: Visualizing Building Thermal Simulation Using BIM-Based Augmented Reality. Communications in Computer and Information Science, 2023, , 503-517.	0.4	0
832	Global Perspectives on Art Museums as Third Spaces for Inquiry-Based Support in Core Curriculum. Advances in Educational Technologies and Instructional Design Book Series, 2023, , 195-220.	0.2	0
834	Supporting Construction andÂArchitectural Visualization Through BIM andÂAR/VR: A Systematic Literature Review. Lecture Notes in Computer Science, 2023, , 145-166.	1.0	0
841	Rise of digital fashion and metaverse: influence on sustainability. , 2023, 1, .		1
842	Servitization and Industry 5.0: The Future Trends of Manufacturing Transformation. IFIP Advances in Information and Communication Technology, 2023, , 109-121.	0.5	0
843	Comparing the Performance of AR Technology, Video Display, and Paper Instruction in Maintenance. , 2023, , .		0
844	What's (Not) Tracking? Factors of Influence in Industrial Augmented Reality Tracking: A Use Case Study in an Automotive Environment. , 2023, , .		0
846	Case Study of AR Digital Literacy Intervention for Students Diagnosed with ADHD. Gaming Media and Social Effects, 2023, , 291-313.	0.7	0
847	From Lab to Local: Development of an Internet-Based City Modelling as a Digital Platform for Public Engagement. Sustainable Development Goals Series, 2023, , 493-500.	0.2	0
851	Adoption of augmented reality mobile apps: Analysis of popularity. AIP Conference Proceedings, 2023, , .	0.3	0
852	MUSE-Fi: Contactless MUti-person SEnsing Exploiting Near-field Wi-Fi Channel Variation., 2023,,.		1
853	Modelling color breaking in a holographic-optical-element based augmented reality display: effects on waveguide thickness. , 2023, , .		0

#	ARTICLE	IF	Citations
855	Augmented Reality Applications in the Automotive Industry., 2023,,.		0
859	Augment-Me: An Approach for Enhancing Pilot's Helmet-Mounted Display Visualization for Tactical Combat Effectiveness and Survivability. , 0, , .		0
867	Potential of industrial internet of things (IIoT) to improve inefficiencies in food manufacturing. AIP Conference Proceedings, 2023 , , .	0.3	0
869	Augmented Reality with Mobility Awareness in Mobile Edge Computing over 6G Network: A Survey. , 2023, , .		0
872	Using Augmented Reality Applications in the Greek Mythology Courses: The Case of TÃ $^1\!\!/\!\!4$ rkiye. Springer International Handbooks of Education, 2024, , 1-23.	0.1	0
876	Applications, challenges and future trends of artificial intelligence for augmented reality applications - A review. AIP Conference Proceedings, 2023, , .	0.3	0
877	Impact of virtual reality on consumer buying behaviour in India. AIP Conference Proceedings, 2023, , .	0.3	0
879	Augmented Reality., 2023,, 87-104.		0
880	Online Fitting Room: A Mobile Shopping Application using Augmented Reality (AR) Technology., 2023,,.		0
883	From Technology and Virtuality to "Our Digital Lives― IFIP Advances in Information and Communication Technology, 2024, , 59-88.	0.5	0
884	A Pilot Study of the User Experience in an Augmented Reality Mobile App to Support Teaching of Hematology. , 2023, , .		0
885	History of Augmented Reality. , 2024, , 870-873.		0
886	Immersive Visualizations Using Augmented Reality and Virtual Reality., 2024,, 932-938.		0
889	Consumer Behavior in Augmented Reality. Research Landscape and Future Research. , 2024, , 127-136.		0
890	Conceptualizing Smart Tourism. Intelligent Systems Reference Library, 2024, , 7-31.	1.0	0
893	A Comprehensive Examination of Mobile Augmented Reality in Tourism (MART) Adoption. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2024, , 241-262.	0.7	0
898	Digital Interpretation as a Visitor Management Strategy: The Case of Côa Valley Archeological Park and Museum. Advances in Science, Technology and Innovation, 2024, , 77-88.	0.2	0
899	Present and Future Digital Media Experiences to Support Travellers' Decision Process During Online Accommodation Booking: A Systematic Literature Review and Bibliometric Analysis. Smart Innovation, Systems and Technologies, 2024, , 143-156.	0.5	0

ARTICLE IF CITATIONS

901 Performance Enhancement and Scheduling in Communication Networks—A Review into Various Approaches. Lecture Notes in Networks and Systems, 2024, , 661-672. 0.5 0