

Sisi Zlatanova

List of Publications by Year in descending order

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198
papers

3,945
citations

236833

25
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214721

47
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210
all docs

210
docs citations

210
times ranked

2275
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Applications of 3D City Models: State of the Art Review. ISPRS International Journal of Geo-Information, 2015, 4, 2842-2889. | 1.4 | 492 |
| 2 | A BIM-Oriented Model for supporting indoor navigation requirements. Computers, Environment and Urban Systems, 2013, 41, 112-123. | 3.3 | 176 |
| 3 | A Systematic Review of Digital Technology Adoption in Off-Site Construction: Current Status and Future Direction towards Industry 4.0. Buildings, 2020, 10, 204. | 1.4 | 158 |
| 4 | Topological models and frameworks for 3D spatial objects. Computers and Geosciences, 2004, 30, 419-428. | 2.0 | 135 |
| 5 | Automatic Registration of Terrestrial Laser Scanning Point Clouds using Panoramic Reflectance Images. Sensors, 2009, 9, 2621-2646. | 2.1 | 86 |
| 6 | 3D geo-database research: Retrospective and future directions. Computers and Geosciences, 2011, 37, 791-803. | 2.0 | 86 |
| 7 | Indoor 3D reconstruction from point clouds for optimal routing in complex buildings to support disaster management. Automation in Construction, 2020, 113, 103109. | 4.8 | 85 |
| 8 | Towards Defining a Framework for Automatic Generation of Buildings in CityGML Using Building Information Models. Lecture Notes in Geoinformation and Cartography, 2009, , 79-96. | 0.5 | 71 |
| 9 | Spatial subdivision of complex indoor environments for 3D indoor navigation. International Journal of Geographical Information Science, 2018, 32, 213-235. | 2.2 | 69 |
| 10 | 4D cadastres: First analysis of legal, organizational, and technical impact – With a case study on utility networks. Land Use Policy, 2010, 27, 1068-1081. | 2.5 | 62 |
| 11 | Automatically enhancing CityGML LOD2 models with a corresponding indoor geometry. International Journal of Geographical Information Science, 2015, 29, 2248-2268. | 2.2 | 56 |
| 12 | Solutions for 4D cadastre – with a case study on utility networks. International Journal of Geographical Information Science, 2011, 25, 1173-1189. | 2.2 | 54 |
| 13 | Establishing a national standard for 3D topographic data compliant to CityGML. International Journal of Geographical Information Science, 2013, 27, 92-113. | 2.2 | 52 |
| 14 | Supporting Indoor Navigation Using Access Rights to Spaces Based on Combined Use of IndoorGML and LADM Models. ISPRS International Journal of Geo-Information, 2017, 6, 384. | 1.4 | 49 |
| 15 | Universal path planning for an indoor drone. Automation in Construction, 2018, 95, 275-283. | 4.8 | 45 |
| 16 | 3D spatial relationships model: a useful concept for 3D cadastre?. Computers, Environment and Urban Systems, 2003, 27, 411-425. | 3.3 | 44 |
| 17 | Indoor Pedestrian Navigation Using Foot-Mounted IMU and Portable Ultrasound Range Sensors. Sensors, 2011, 11, 7606-7624. | 2.1 | 44 |
| 18 | Automatic geo-referencing of BIM in GIS environments using building footprints. Computers, Environment and Urban Systems, 2020, 80, 101453. | 3.3 | 42 |

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| 19 | <sc>UML</sc>-Based Approach to Developing a <sc>CityGML</sc> Application Domain Extension. Transactions in GIS, 2013, 17, 920-942. | 1.0 | 41 |
| 20 | The Balance Between Geometry and Topology. , 2002, , 209-224. | | 41 |
| 21 | Ontologies for Disaster Management Response. , 2007, , 185-200. | | 40 |
| 22 | Risk-maps informing land-use planning processes. Journal of Hazardous Materials, 2007, 145, 241-249. | 6.5 | 40 |
| 23 | Indoor navigation supported by the Industry Foundation Classes (IFC): A survey. Automation in Construction, 2021, 121, 103436. | 4.8 | 39 |
| 24 | On 3D topological relationships. , 0, , . | | 36 |
| 25 | Exploring ontologies for semantic interoperability of data in emergency response. Applied Geomatics, 2011, 3, 109-122. | 1.2 | 36 |
| 26 | Problems In Indoor Mapping and Modelling. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W4, 63-68. | 0.2 | 34 |
| 27 | Auf dem Weg zu einer 3D-Geodateninfrastruktur: Der NiederlÄndische Ansatz. Photogrammetrie, Fernerkundung, Geoinformation, 2011, 2011, 405-420. | 1.2 | 30 |
| 28 | Indoor space subdivision for indoor navigation. , 2014, , . | | 29 |
| 29 | A generic space definition framework to support seamless indoor/outdoor navigation systems. Transactions in GIS, 2019, 23, 1273-1295. | 1.0 | 28 |
| 30 | Spaces in Spatial Science and Urban Applicationsâ€”State of the Art Review. ISPRS International Journal of Geo-Information, 2020, 9, 58. | 1.4 | 28 |
| 31 | 3D City Models and urban information: Current issues and perspectives. , 2014, , . | | 28 |
| 32 | "Improved Geometric Network Model" (IGNM): a novel approach for deriving Connectivity Graphs for Indoor Navigation. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-4, 45-51. | 0.0 | 28 |
| 33 | Specifying and Implementing Constraints in GISâ€”with Examples from a Geo-Virtual Reality System. Geoinformatica, 2006, 10, 531-550. | 2.0 | 27 |
| 34 | NIBU: a new approach to representing and analysing interior utility networks within 3D geo-information systems. International Journal of Digital Earth, 2012, 5, 22-42. | 1.6 | 27 |
| 35 | Initial Investigations for Modeling Interior Utilities Within 3D Geo Context: Transforming IFC-Interior Utility to CityGML/UtilityNetworkADE. Lecture Notes in Geoinformation and Cartography, 2011, , 95-113. | 0.5 | 27 |
| 36 | BIM-BASED INDOOR PATH PLANNING CONSIDERING OBSTACLES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W4, 417-423. | 0.0 | 27 |

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| 37 | 3D-GEM: Geo-technical extension towards an integrated 3D information model for infrastructural development. Computers and Geosciences, 2014, 64, 126-135. | 2.0 | 26 |
| 38 | LiDAR-guided dense matching for detecting changes and updating of buildings in Airborne LiDAR data. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 162, 200-213. | 4.9 | 26 |
| 39 | A data model for operational and situational information in emergency response. Applied Geomatics, 2011, 3, 207-218. | 1.2 | 25 |
| 40 | A conceptual framework of space subdivision for indoor navigation. , 2013, , . | | 24 |
| 41 | Multi-agent based path planning for first responders among moving obstacles. Computers, Environment and Urban Systems, 2016, 56, 48-58. | 3.3 | 24 |
| 42 | Modelling 3D Topographic Space Against Indoor Navigation Requirements. Lecture Notes in Geoinformation and Cartography, 2013, , 1-22. | 0.5 | 24 |
| 43 | A data model for route planning in the case of forest fires. Computers and Geosciences, 2014, 68, 1-10. | 2.0 | 23 |
| 44 | Sensors for Indoor Mapping and Navigation. Sensors, 2016, 16, 655. | 2.1 | 23 |
| 45 | Voxelization algorithms for geospatial applications. MethodsX, 2016, 3, 69-86. | 0.7 | 23 |
| 46 | Semantic enrichment of octree structured point clouds for multi-story 3D pathfinding. Transactions in GIS, 2018, 22, 233-248. | 1.0 | 22 |
| 47 | A pedestrian tracking algorithm using grid-based indoor model. Automation in Construction, 2018, 92, 173-187. | 4.8 | 22 |
| 48 | Safe Route Determination for First Responders in the Presence of Moving Obstacles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1044-1053. | 4.7 | 22 |
| 49 | INDOOR MODELLING FROM SLAM-BASED LASER SCANNER: DOOR DETECTION TO ENVELOPE RECONSTRUCTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W7, 345-352. | 0.2 | 20 |
| 50 | An indoor navigation model and its network extraction. Applied Geomatics, 2019, 11, 413-427. | 1.2 | 19 |
| 51 | Valid Space Description in BIM for 3D Indoor Navigation. International Journal of 3-D Information Modeling, 2016, 5, 1-17. | 0.2 | 18 |
| 52 | Free multi-floor indoor space extraction from complex 3D building models. Earth Science Informatics, 2017, 10, 69-83. | 1.6 | 18 |
| 53 | Detection of safe areas in flood as emergency evacuation stations using modified particle swarm optimization with local search. Applied Soft Computing Journal, 2021, 111, 107681. | 4.1 | 18 |
| 54 | The role of DBMS in the new generation GIS architecture. , 2006, , 155-180. | | 18 |

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| 55 | 3D Geometries in Spatial DBMS. , 2006, , 1-14. | | 18 |
| 56 | An Approach for Indoor Path Computation among Obstacles that Considers User Dimension. ISPRS International Journal of Geo-Information, 2015, 4, 2821-2841. | 1.4 | 17 |
| 57 | INTEGRATION OF 3D OBJECTS AND TERRAIN FOR 3D MODELLING SUPPORTING THE DIGITAL TWIN. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W8, 147-154. | 0.0 | 17 |
| 58 | THREE-DIMENSIONAL MAPS FOR DISASTER MANAGEMENT. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-4, 245-250. | 0.0 | 17 |
| 59 | An automatic mosaicking method for building facade texture mapping using a monocular close-range image sequence. ISPRS Journal of Photogrammetry and Remote Sensing, 2010, 65, 282-293. | 4.9 | 16 |
| 60 | Interactive modelling of buildings in Google Earth: A 3D tool for Urban Planning. Lecture Notes in Geoinformation and Cartography, 2010, , 52-70. | 0.5 | 16 |
| 61 | LADM AND INDOORGML FOR SUPPORT OF INDOOR SPACE IDENTIFICATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W1, 257-263. | 0.0 | 16 |
| 62 | POSITION, LOCATION, PLACE AND AREA: AN INDOOR PERSPECTIVE. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-4, 89-96. | 0.0 | 16 |
| 63 | Representing geographical uncertainties of utility location data in 3D. Automation in Construction, 2018, 96, 483-493. | 4.8 | 15 |
| 64 | Indoor mapping and modeling by parsing floor plan images. International Journal of Geographical Information Science, 2021, 35, 1205-1231. | 2.2 | 15 |
| 65 | Onsite Quality Check for Installation of Prefabricated Wall Panels Using Laser Scanning. Buildings, 2021, 11, 412. | 1.4 | 15 |
| 66 | Exploiting High Geopositioning Accuracy of SAR Data to Obtain Accurate Geometric Orientation of Optical Satellite Images. Remote Sensing, 2021, 13, 3535. | 1.8 | 15 |
| 67 | 3D Tree Reconstruction in Support of Urban Microclimate Simulation: A Comprehensive Literature Review. Buildings, 2021, 11, 417. | 1.4 | 15 |
| 68 | COMPARISON OF ZEB1 AND LEICA C10 INDOOR LASER SCANNING POINT CLOUDS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-1, 143-149. | 0.0 | 15 |
| 69 | EXTRACTION OF THE 3D FREE SPACE FROM BUILDING MODELS FOR INDOOR NAVIGATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W1, 241-248. | 0.0 | 15 |
| 70 | INDOOR A* PATHFINDING THROUGH AN OCTREE REPRESENTATION OF A POINT CLOUD. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W1, 249-255. | 0.0 | 15 |
| 71 | NAVIGATION IN INDOOR VOXEL MODELS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W5, 279-283. | 0.0 | 15 |
| 72 | POSITION, LOCATION, PLACE AND AREA: AN INDOOR PERSPECTIVE. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-4, 89-96. | 0.0 | 14 |

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| 73 | INDOOR 3D MODELING AND FLEXIBLE SPACE SUBDIVISION FROM POINT CLOUDS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W5, 285-292. | 0.0 | 14 |
| 74 | SHADOW EFFECT ON PHOTOVOLTAIC POTENTIALITY ANALYSIS USING 3D CITY MODELS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B8, 209-214. | 0.2 | 14 |
| 75 | Grid-optimized UAV indoor path planning algorithms in a complex environment. International Journal of Applied Earth Observation and Geoinformation, 2022, 111, 102857. | 0.9 | 14 |
| 76 | Automatic Registration of Terrestrial Scan Data based on Matching Corresponding Points from Reflectivity Images. , 2007, , . | | 13 |
| 77 | A semantic data model for indoor navigation. , 2012, , . | | 13 |
| 78 | Benefit of the integration of semantic 3D models in a fire-fighting VR simulator. Applied Geomatics, 2012, 4, 143-153. | 1.2 | 13 |
| 79 | Survey on Indoor Map Standards and Formats. , 2019, , . | | 13 |
| 80 | Towards Integrating Heterogeneous Data: A Spatial DBMS Solution from a CRC-LCL Project in Australia. ISPRS International Journal of Geo-Information, 2020, 9, 63. | 1.4 | 13 |
| 81 | A unified 3D space-based navigation model for seamless navigation in indoor and outdoor. International Journal of Digital Earth, 0, , 1-19. | 1.6 | 13 |
| 82 | Mapping private, common, and exclusive common spaces in buildings from BIM/IFC to LADM. A case study from Saudi Arabia. Land Use Policy, 2021, 104, 105355. | 2.5 | 13 |
| 83 | Geo-ICT for Risk and Disaster Management. Geospatial Technology and the Role of Location in Science, 2009, , 239-266. | 0.2 | 13 |
| 84 | AN EXTRACTION APPROACH OF THE TOP-BOUNDED SPACE FORMED BY BUILDINGS FOR PEDESTRIAN NAVIGATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4, 247-254. | 0.0 | 13 |
| 85 | FIRST EXPERIMENTS WITH THE TANGO TABLET FOR INDOOR SCANNING. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-4, 67-72. | 0.0 | 13 |
| 86 | Integrated flood disaster management and spatial information: Case studies of Netherlands and India. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 147-154. | 0.2 | 13 |
| 87 | Voxelisation Algorithms and Data Structures: A Review. Sensors, 2021, 21, 8241. | 2.1 | 13 |
| 88 | Toward seamless indoor-outdoor applications: Developing stakeholder-oriented location-based services. Geo-Spatial Information Science, 2011, 14, 109-118. | 2.4 | 12 |
| 89 | Indoor Multi-Dimensional Location GML and Its Application for Ubiquitous Indoor Location Services. ISPRS International Journal of Geo-Information, 2016, 5, 220. | 1.4 | 12 |
| 90 | Top-Bounded Spaces Formed by the Built Environment for Navigation Systems. ISPRS International Journal of Geo-Information, 2019, 8, 224. | 1.4 | 12 |

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| 91 | GeoVEs as Tools to Communicate in Urban Projects: Requirements for Functionality and Visualization. Lecture Notes in Geoinformation and Cartography, 2009, , 379-395. | 0.5 | 12 |
| 92 | AUTOMATIC GENERATION OF INDOOR NAVIGABLE SPACE USING A POINT CLOUD AND ITS SCANNER TRAJECTORY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W4, 393-400. | 0.0 | 12 |
| 93 | COMPARISON OF ZEB1 AND LEICA C10 INDOOR LASER SCANNING POINT CLOUDS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-1, 143-149. | 0.0 | 12 |
| 94 | CONTINUOUSLY DEFORMATION MONITORING OF SUBWAY TUNNEL BASED ON TERRESTRIAL POINT CLOUDS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B5, 199-203. | 0.2 | 12 |
| 95 | Path Planning for First Responders in the Presence of Moving Obstacles With Uncertain Boundaries. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2163-2173. | 4.7 | 11 |
| 96 | Indoor Routing on Logical Network Using Space Semantics. ISPRS International Journal of Geo-Information, 2019, 8, 126. | 1.4 | 11 |
| 97 | Classification of Power Facility Point Clouds from Unmanned Aerial Vehicles Based on Adaboost and Topological Constraints. Sensors, 2019, 19, 4717. | 2.1 | 11 |
| 98 | An Approach for 3D Visualization of Pipelines. , 2006, , 501-517. | | 11 |
| 99 | To localise or to be localised with WiFi in the Hubei museum?. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W4, 31-35. | 0.2 | 11 |
| 100 | Detection of doors in a voxel model, derived from a point cloud and its scanner trajectory, to improve the segmentation of the walkable space. International Journal of Urban Sciences, 2019, 23, 369-390. | 1.3 | 10 |
| 101 | OGC IndoorGML: A Standard Approach for Indoor Maps. , 2019, , 187-207. | | 10 |
| 102 | Taxonomy of Navigation for First Responders. Lecture Notes in Geoinformation and Cartography, 2013, , 297-315. | 0.5 | 10 |
| 103 | VOXEL-BASED VISIBILITY ANALYSIS FOR SAFETY ASSESSMENT OF URBAN ENVIRONMENTS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W8, 11-17. | 0.0 | 10 |
| 104 | MODELING AN APPLICATION DOMAIN EXTENSION OF CITYGML IN UML. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXVIII-4/C26, 11-14. | 0.2 | 10 |
| 105 | Location Interoperability Services for Medical Emergency Operations during Disasters. , 2005, , 1127-1141. | | 9 |
| 106 | Multi-user tangible interfaces for effective decision-making in disaster management. Environmental Science and Engineering, 2008, , 243-266. | 0.1 | 9 |
| 107 | Route directions generation using visible landmarks. , 2014, , . | | 9 |
| 108 | Implementation alternatives for an integrated 3D Information Model. Lecture Notes in Geoinformation and Cartography, 2008, , 313-329. | 0.5 | 9 |

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| 109 | Geo-Information Support in Management of Urban Disasters. Open House International, 2006, 31, 62-69. | 0.6 | 9 |
| 110 | REAL TIME LOCALIZATION OF ASSETS IN HOSPITALS USING QUUPPA INDOOR POSITIONING TECHNOLOGY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W1, 105-110. | 0.0 | 9 |
| 111 | TOWARDS EGRESS MODELLING IN VOXEL BUILDING MODELS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W9, 43-47. | 0.0 | 9 |
| 112 | MULTI-LEVEL INDOOR PATH PLANNING METHOD. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W5, 19-23. | 0.2 | 9 |
| 113 | ASSESSMENT OF THE HOMOGENEITY OF VOLUNTEERED GEOGRAPHIC INFORMATION IN SOUTH AFRICA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B4, 553-558. | 0.2 | 9 |
| 114 | A Two-level Path-finding Strategy for Indoor Navigation. Lecture Notes in Geoinformation and Cartography, 2013, , 31-42. | 0.5 | 8 |
| 115 | Generating Navigation Models from Existing Building Data. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 2013, XL-4/W4, 19-25. | 0.2 | 8 |
| 116 | Exploring the relationship between spatial morphology characteristics and scenic beauty preference of landscape open space unit by using point cloud data. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1822-1840. | 1.0 | 8 |
| 117 | LADM-IndoorGML for exploring user movements in evacuation exercise. Land Use Policy, 2020, 98, 104219. | 2.5 | 8 |
| 118 | Geospatial Data Utilisation in National Disaster Management Frameworks and the Priorities of Multilateral Disaster Management Frameworks: Case Studies of India and Bulgaria. ISPRS International Journal of Geo-Information, 2021, 10, 610. | 1.4 | 8 |
| 119 | Rapidly Realizing 3D Visualisation for Urban Street Based on Multi-Source Data Integration. , 2007, , 149-163. | | 8 |
| 120 | 3D Solids and Their Management In DBMS. Lecture Notes in Geoinformation and Cartography, 2008, , 279-311. | 0.5 | 8 |
| 121 | FIRST EXPERIMENTS WITH THE TANGO TABLET FOR INDOOR SCANNING. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-4, 67-72. | 0.0 | 8 |
| 122 | MODELLING BELOW- AND ABOVE-GROUND UTILITY NETWORK FEATURES WITH THE CITYGML UTILITY NETWORK ADE: EXPERIENCES FROM ROTTERDAM. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W7, 43-50. | 0.0 | 8 |
| 123 | A 3D Model Based Indoor Navigation System for Hubei Provincial Museum. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W4, 51-55. | 0.2 | 8 |
| 124 | 3D Indoor Environment Abstraction for Crowd Simulations in Complex Buildings. Buildings, 2021, 11, 445. | 1.4 | 7 |
| 125 | 3D Spatial Operations in Geo DBMS Environment for 3D GIS. , 2007, , 151-163. | | 7 |
| 126 | Implementation of a National 3D Standard: Case of the Netherlands. Lecture Notes in Geoinformation and Cartography, 2013, , 277-298. | 0.5 | 7 |

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| 127 | Identification of physical and visual enclosure of landscape space units with the help of point clouds. <i>Spatial Cognition and Computation</i> , 2020, 20, 257-279. | 0.6 | 7 |
| 128 | ABOUT THE SUBDIVISION OF INDOOR SPACES IN INDOORGML. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-4/W5, 41-48. | 0.0 | 7 |
| 129 | A VOXEL-BASED METHOD TO ESTIMATE NEAR-SURFACE AND ELEVATED FUEL FROM DENSE LIDAR POINT CLOUD FOR HAZARD REDUCTION BURNING. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, VI-3/W1-2020, 3-10. | 0.0 | 7 |
| 130 | EXTENDING INDOOR OPEN STREET MAPPING ENVIRONMENTS TO NAVIGABLE 3D CITYGML BUILDING MODELS: EMERGENCY RESPONSE ASSESSMENT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4, 161-168. | 0.2 | 7 |
| 131 | NIBU: An integrated framework for representing the relation among building structure and interior utilities in micro-scale environment. <i>Geo-Spatial Information Science</i> , 2011, 14, 98-108. | 2.4 | 6 |
| 132 | Indoor Traveling Salesman Problem (ITSP) Path Planning. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 616. | 1.4 | 6 |
| 133 | A Framework for Defining a 3D Model in Support of Risk Management. <i>Lecture Notes in Geoinformation and Cartography</i> , 2010, , 69-82. | 0.5 | 6 |
| 134 | THE PATH FROM BIM TO A 3D INDOOR FRAMEWORK – A REQUIREMENT ANALYSIS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4, 373-378. | 0.2 | 6 |
| 135 | 3D VISUALISATION OF UNDERGROUND PIPELINES: BEST STRATEGY FOR 3D SCENE CREATION. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, II-2/W1, 139-145. | 0.0 | 6 |
| 136 | EXPLORING THE PROCESSES OF GENERATING LOD (0-2) CITYGML MODELS IN GREATER MUNICIPALITY OF ISTANBUL. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-2/W2, 19-24. | 0.2 | 6 |
| 137 | Utilization of BIM in Steel Building Projects: A Systematic Literature Review. <i>Buildings</i> , 2022, 12, 713. | 1.4 | 6 |
| 138 | Finding outdoor boundaries for 3D space-based navigation. <i>Transactions in GIS</i> , 2020, 24, 371-389. | 1.0 | 5 |
| 139 | 3D Geo-DBMS. , 2005, , 87-115. | | 5 |
| 140 | STRATEGIES TO EVALUATE THE VISIBILITY ALONG AN INDOOR PATH IN A POINT CLOUD REPRESENTATION. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-2/W4, 311-317. | 0.0 | 5 |
| 141 | 3D GEOSPATIAL INDOOR NAVIGATION FOR DISASTER RISK REDUCTION AND RESPONSE IN URBAN ENVIRONMENT. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-4, 49-57. | 0.0 | 5 |
| 142 | FROM POINT CLOUDS TO 3D ISOVISTS IN INDOOR ENVIRONMENTS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4, 149-154. | 0.2 | 5 |
| 143 | A GEO-DATABASE SOLUTION FOR THE MANAGEMENT AND ANALYSIS OF BUILDING MODEL WITH MULTI-SOURCE DATA FUSION. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4/W20, 55-63. | 0.2 | 5 |
| 144 | VOLUME ESTIMATION OF FUEL LOAD FOR HAZARD REDUCTION BURNING: FIRST RESULTS TO A VOXEL APPROACH. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLIII-B3-2020, 1199-1206. | 0.2 | 5 |

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| 145 | AN APPROACH TO DEVELOP 3D GEO-DBMS TOPOLOGICAL OPERATORS BY RE-USING EXISTING 2D OPERATORS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W1, 291-298. | 0.0 | 5 |
| 146 | AN APPROACH FOR INDOOR WAYFINDING REPLICATING MAIN PRINCIPLES OF AN OUTDOOR NAVIGATION SYSTEM FOR CYCLISTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W5, 29-35. | 0.2 | 5 |
| 147 | LEVERAGING SPATIAL MODEL TO IMPROVE INDOOR TRACKING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4/W5, 75-80. | 0.2 | 5 |
| 148 | AN INDOOR NAVIGATION APPROACH CONSIDERING OBSTACLES AND SPACE SUBDIVISION OF 2D PLAN. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B4, 339-346. | 0.2 | 5 |
| 149 | Interactive navigation services through value-added CycloMedia panoramic images. , 2004, , . | | 4 |
| 150 | Challenges of Semantic 3D City Models. International Journal of 3-D Information Modeling, 2015, 4, 68-76. | 0.2 | 4 |
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