

Rebekka D Volk

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,745
citations

840119

11
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Building Information Modeling (BIM) for existing buildings – Literature review and future needs. Automation in Construction, 2014, 38, 109-127.	4.8	1,374
2	Techno-economic assessment and comparison of different plastic recycling pathways: A German case study. Journal of Industrial Ecology, 2021, 25, 1318-1337.	2.8	71
3	Deconstruction project planning of existing buildings based on automated acquisition and reconstruction of building information. Automation in Construction, 2018, 91, 226-245.	4.8	51
4	The future of nuclear decommissioning – A worldwide market potential study. Energy Policy, 2019, 124, 226-261.	4.2	31
5	Fusing tie points' RGB and thermal information for mapping large areas based on aerial images: A study of fusion performance under different flight configurations and experimental conditions. Automation in Construction, 2021, 124, 103554.	4.8	25
6	Review of project planning methods for deconstruction projects of buildings. Built Environment Project and Asset Management, 2017, 7, 212-226.	0.9	16
7	An Integrated Material Flows, Stakeholders and Policies Approach to Identify and Exploit Regional Resource Potentials. Ecological Economics, 2019, 161, 292-320.	2.9	16
8	Investigation on performance of RGB point cloud and thermal information data fusion for 3D building thermal map modeling using aerial images under different experimental conditions. Journal of Building Engineering, 2022, 45, 103380.	1.6	16
9	From the Building Level Energy Performance Assessment to the National Level: How are Uncertainties Handled in Building Stock Models. Procedia Engineering, 2017, 180, 1443-1452.	1.2	14
10	Modelling and predicting the generation of post-demolition autoclaved aerated concrete (AAC) volumes in Germany until 2050. Resources, Conservation and Recycling, 2021, 171, 105504.	5.3	13
11	Regional rotor blade waste quantification in Germany until 2040. Resources, Conservation and Recycling, 2021, 172, 105667.	5.3	12
12	Project management standards: strategic success factor for projects. International Journal of Management Practice, 2018, 11, 372.	0.1	10
13	Governance for the sustainable economy: Institutional innovation from the bottom up?. Gaia, 2019, 28, 204-209.	0.3	9
14	Site-specific environmental impact assessment as a basis for supplier selections – exemplary application to aluminum. Journal of Cleaner Production, 2021, 290, 125703.	4.6	9
15	Aerial Thermographic Image-Based Assessment of Thermal Bridges Using Representative Classifications and Calculations. Energies, 2021, 14, 7360.	1.6	7
16	Assessment of site-specific greenhouse gas emissions of chemical producers: Case studies of propylene and toluene diisocyanate. Journal of Cleaner Production, 2021, 317, 128086.	4.6	6
17	Urban Resource Assessment, Management, and Planning Tools for Land, Ecosystems, Urban Climate, Water, and Materials – A Review. Sustainability, 2022, 14, 7203.	1.6	6
18	A Novel Building Temperature Simulation Approach Driven by Expanding Semantic Segmentation Training Datasets with Synthetic Aerial Thermal Images. Energies, 2021, 14, 353.	1.6	5

#	ARTICLE	IF	CITATIONS
19	An Approach to Semantically Segmenting Building Components and Outdoor Scenes Based on Multichannel Aerial Imagery Datasets. <i>Remote Sensing</i> , 2021, 13, 4357.	1.8	5
20	CO2-based assessment for sustainable production planning in the metal processing industry. <i>Procedia Manufacturing</i> , 2018, 21, 289-296.	1.9	3
21	On the combination of water emergency wells and mobile treatment systems: a case study of the city of Berlin. <i>Annals of Operations Research</i> , 2022, 319, 259-290.	2.6	3
22	Integrating site-specific environmental impact assessment in supplier selection: exemplary application to steel procurement. <i>Journal of Business Economics</i> , 2020, 90, 1409-1457.	1.3	3
23	Factors Affecting the Performance of 3D Thermal Mapping for Energy Audits in a District by Using Infrared Thermography (IRT) Mounted on Unmanned Aircraft Systems (UAS). , 2019, , .		3
24	Namare's A Surface Inventory and Intervention Assessment Model for Urban Resource Management. <i>Sustainability</i> , 2022, 14, 8485.	1.6	3
25	Solving the nuclear dismantling project scheduling problem by combining mixed-integer and constraint programming techniques and metaheuristics. <i>Journal of Scheduling</i> , 2021, 24, 269-290.	1.3	2
26	Project management standards: strategic success factor for projects. <i>International Journal of Management Practice</i> , 2018, 11, 372.	0.1	2
27	On the Integration of Diverging Material Flows into Resource-constrained Project Scheduling. <i>European Journal of Operational Research</i> , 2022, , .	3.5	2
28	A survey of private landlords in Karlsruhe and their perception of deep energy retrofit. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 323, 012165.	0.2	1
29	Stakeholder-specific assessment of environmental, economic and social effects of resource-efficiency measures in urban districts - first results. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 588, 052036.	0.2	1
30	The impact of secondary materials' quality on assessing plastic recycling technologies. <i>E3S Web of Conferences</i> , 2022, 349, 05001.	0.2	0