

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 | 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 |
| 2 | 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. <i>Journal of Building Engineering</i> , 2022, 45, 103380. | 1.6 | 16 |
| 3 | On the Integration of Diverging Material Flows into Resource-constrained Project Scheduling. <i>European Journal of Operational Research</i> , 2022, , . | 3.5 | 2 |
| 4 | The impact of secondary materialsâ€™ quality on assessing plastic recycling technologies. <i>E3S Web of Conferences</i> , 2022, 349, 05001. | 0.2 | 0 |
| 5 | Urban Resource Assessment, Management, and Planning Tools for Land, Ecosystems, Urban Climate, Water, and Materialsâ€”A Review. <i>Sustainability</i> , 2022, 14, 7203. | 1.6 | 6 |
| 6 | Nameresâ€™ A Surface Inventory and Intervention Assessment Model for Urban Resource Management. <i>Sustainability</i> , 2022, 14, 8485. | 1.6 | 3 |
| 7 | A Novel Building Temperature Simulation Approach Driven by Expanding Semantic Segmentation Training Datasets with Synthetic Aerial Thermal Images. <i>Energies</i> , 2021, 14, 353. | 1.6 | 5 |
| 8 | Site-specific environmental impact assessment as a basis for supplier selections â€” exemplary application to aluminum. <i>Journal of Cleaner Production</i> , 2021, 290, 125703. | 4.6 | 9 |
| 9 | 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. <i>Automation in Construction</i> , 2021, 124, 103554. | 4.8 | 25 |
| 10 | Technoâ€”economic assessment and comparison of different plastic recycling pathways: A German case study. <i>Journal of Industrial Ecology</i> , 2021, 25, 1318-1337. | 2.8 | 71 |
| 11 | 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 |
| 12 | Modelling and predicting the generation of post-demolition autoclaved aerated concrete (AAC) volumes in Germany until 2050. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105504. | 5.3 | 13 |
| 13 | Regional rotor blade waste quantification in Germany until 2040. <i>Resources, Conservation and Recycling</i> , 2021, 172, 105667. | 5.3 | 12 |
| 14 | Assessment of site-specific greenhouse gas emissions of chemical producers: Case studies of propylene and toluene diisocyanate. <i>Journal of Cleaner Production</i> , 2021, 317, 128086. | 4.6 | 6 |
| 15 | 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 |
| 16 | Aerial Thermographic Image-Based Assessment of Thermal Bridges Using Representative Classifications and Calculations. <i>Energies</i> , 2021, 14, 7360. | 1.6 | 7 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A survey of private landlords in Karlsruhe and their perception of deep energy retrofit. IOP Conference Series: Earth and Environmental Science, 2019, 323, 012165. | 0.2 | 1 |
| 20 | An Integrated Material Flows, Stakeholders and Policies Approach to Identify and Exploit Regional Resource Potentials. Ecological Economics, 2019, 161, 292-320. | 2.9 | 16 |
| 21 | Governance for the sustainable economy: Institutional innovation from the bottom up?. Gaia, 2019, 28, 204-209. | 0.3 | 9 |
| 22 | The future of nuclear decommissioning – A worldwide market potential study. Energy Policy, 2019, 124, 226-261. | 4.2 | 31 |
| 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 | CO2-based assessment for sustainable production planning in the metal processing industry. Procedia Manufacturing, 2018, 21, 289-296. | 1.9 | 3 |
| 25 | 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 |
| 26 | Project management standards: strategic success factor for projects. International Journal of Management Practice, 2018, 11, 372. | 0.1 | 10 |
| 27 | Project management standards: strategic success factor for projects. International Journal of Management Practice, 2018, 11, 372. | 0.1 | 2 |
| 28 | Review of project planning methods for deconstruction projects of buildings. Built Environment Project and Asset Management, 2017, 7, 212-226. | 0.9 | 16 |
| 29 | 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 |
| 30 | Building Information Modeling (BIM) for existing buildings – Literature review and future needs. Automation in Construction, 2014, 38, 109-127. | 4.8 | 1,374 |