

Pradip P Kalbar

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,410
citations

361045

20
h-index

329751

37
g-index

46
all docs

46
docs citations

46
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of an appropriate wastewater treatment technology: A scenario-based multiple-attribute decision-making approach. <i>Journal of Environmental Management</i> , 2012, 113, 158-169.	3.8	177
2	Coupling material circularity indicators and life cycle based indicators: A proposal to advance the assessment of circular economy strategies at the product level. <i>Resources, Conservation and Recycling</i> , 2019, 140, 305-312.	5.3	141
3	Assessment of stormwater management options in urban contexts using Multiple Attribute Decision-Making. <i>Journal of Cleaner Production</i> , 2017, 142, 2046-2059.	4.6	82
4	Review of Circular Economy in urban water sector: Challenges and opportunities in India. <i>Journal of Environmental Management</i> , 2020, 271, 111010.	3.8	75
5	Assessment of wastewater treatment technologies: life cycle approach. <i>Water and Environment Journal</i> , 2013, 27, 261-268.	1.0	71
6	Technology assessment for wastewater treatment using multiple-attribute decision-making. <i>Technology in Society</i> , 2012, 34, 295-302.	4.8	67
7	Life cycle-based decision support tool for selection of wastewater treatment alternatives. <i>Journal of Cleaner Production</i> , 2016, 117, 64-72.	4.6	62
8	The absolute environmental performance of buildings. <i>Building and Environment</i> , 2017, 119, 87-98.	3.0	61
9	Weighting and Aggregation in Life Cycle Assessment: Do Present Aggregated Single Scores Provide Correct Decision Support?. <i>Journal of Industrial Ecology</i> , 2017, 21, 1591-1600.	2.8	60
10	PyTOPS: A Python based tool for TOPSIS. <i>SoftwareX</i> , 2019, 9, 217-222.	1.2	56
11	The influence of expert opinions on the selection of wastewater treatment alternatives: A group decision-making approach. <i>Journal of Environmental Management</i> , 2013, 128, 844-851.	3.8	53
12	Defining Temporally Dynamic Life Cycle Assessment: A Review. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 314-323.	1.6	41
13	Can carbon footprint serve as proxy of the environmental burden from urban consumption patterns?. <i>Ecological Indicators</i> , 2017, 74, 109-118.	2.6	39
14	Pursuing necessary reductions in embedded GHG emissions of developed nations: Will efficiency improvements and changes in consumption get us there?. <i>Global Environmental Change</i> , 2018, 52, 314-324.	3.6	36
15	Personal Metabolism (PM) coupled with Life Cycle Assessment (LCA) model: Danish Case Study. <i>Environment International</i> , 2016, 91, 168-179.	4.8	33
16	Life cycle based dynamic assessment coupled with multiple criteria decision analysis: A case study of determining an optimal building insulation level. <i>Journal of Cleaner Production</i> , 2017, 162, 449-457.	4.6	33
17	Life-cycle based dynamic assessment of mineral wool insulation in a Danish residential building application. <i>Journal of Cleaner Production</i> , 2017, 142, 3243-3253.	4.6	30
18	A novel approach to estimating resource consumption rates and emission factors for ship recycling yards in Alang, India. <i>Journal of Cleaner Production</i> , 2013, 59, 251-259.	4.6	29

#	ARTICLE	IF	CITATIONS
19	A two-stage multi-attribute decision-making model for selecting appropriate locations of waste transfer stations in urban centers. <i>Waste Management</i> , 2020, 114, 80-88.	3.7	25
20	Global review of circular economy and life cycle thinking in building Demolition Waste Management: A way ahead for India. <i>Building and Environment</i> , 2022, 222, 109413.	3.0	24
21	Environmental impact of urban consumption patterns: Drivers and focus points. <i>Resources, Conservation and Recycling</i> , 2018, 137, 260-269.	5.3	20
22	Measuring urban water circularity: Development and implementation of a Water Circularity Indicator. <i>Sustainable Production and Consumption</i> , 2022, 31, 723-735.	5.7	19
23	GIS coupled multiple criteria decision making approach for classifying urban coastal areas in India. <i>Habitat International</i> , 2018, 71, 125-134.	2.3	18
24	Data Driven Quantification of the Temporal Scope of Building LCAs. <i>Procedia CIRP</i> , 2018, 69, 224-229.	1.0	15
25	SELECTION OF WASTEWATER TREATMENT ALTERNATIVE: SIGNIFICANCE OF CHOOSING MADM METHOD. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 1011-1020.	0.2	15
26	Drivers for Intermittent Water Supply in India: Critical Review and Perspectives. <i>Frontiers in Water</i> , 2021, 3, .	1.0	14
27	Life cycle-based environmental assessment of municipal wastewater treatment plant in India. <i>International Journal of Environment and Waste Management</i> , 2014, 14, 84.	0.2	13
28	Spatial planning of coastal urban areas in India: Current practice versus quantitative approach. <i>Ocean and Coastal Management</i> , 2019, 182, 104929.	2.0	13
29	Pathways to decarbonize passenger transportation: Implications to India's climate budget. <i>Journal of Cleaner Production</i> , 2021, 295, 126321.	4.6	13
30	Designing the vertical flow constructed wetland based on targeted limiting pollutant. <i>Bioresource Technology</i> , 2022, 351, 127068.	4.8	12
31	Hybrid treatment systems: a paradigm shift to achieve sustainable wastewater treatment and recycling in India. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 1365-1373.	2.1	11
32	WW LCI v2: A second-generation life cycle inventory model for chemicals discharged to wastewater systems. <i>Science of the Total Environment</i> , 2018, 622-623, 1649-1657.	3.9	9
33	Rejuvenation of Rivers and Lakes in India: Balancing Societal Priorities with Technological Possibilities. , 2014, , 181-229.		8
34	Argumentation Corrected Context Weighting-Life Cycle Assessment: A Practical Method of Including Stakeholder Perspectives in Multi-Criteria Decision Support for LCA. <i>Sustainability</i> , 2020, 12, 2170.	1.6	8
35	Advancing life cycle sustainability assessment using multiple criteria decision making. , 2020, , 205-224.		6
36	Framework for Comparative Evaluation of Car-Sharing Alternatives for Urban and Suburban Regions: Case Study of Mumbai, India. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2021, 147, .	0.8	6

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37	Decentralized infrastructure approach for successful water supply systems in India: use of multi-outlet tanks, shafts and manifolds. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 295-301.	0.6	4
38	Dynamic stock model based assessment of carpooling in passenger transportation carbon emissions: Will avoided trips and material credits help?. <i>Sustainable Production and Consumption</i> , 2022, 33, 372-388.	5.7	4
39	Multi-outlet storage tanks to improve water distribution networks in India. <i>Urban Water Journal</i> , 2021, 18, 570-578.	1.0	3
40	Dynamic Heat Production Modeling for Life Cycle Assessment of Insulation in Danish Residential Buildings. <i>Procedia Environmental Sciences</i> , 2017, 38, 737-743.	1.3	2
41	Response to <i>Comment on “Weighting and Aggregation in Life Cycle Assessment: Do Present Aggregated Single Scores Provide Correct Decision Support”</i>?</i>, <i>Journal of Industrial Ecology</i> , 2017, 21, 1603-1605.	2.8	1
42	Land resource management of coastal areas in Indian cities: comparative assessment with prevailing methods. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 323, 012069.	0.2	1
43	Assimilating geospatial and decision science. , 2021, , 140-159.		0
44	Integrated geospatial approach for environment-sensitive planning of coastal urban regions: A case study from the megacity of Mumbai, India. <i>Ocean and Coastal Management</i> , 2022, 220, 106092.	2.0	0