

# Manish K Dixit

## List of Publications by Year in descending order

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31  
papers

2,083  
citations

489802

18  
h-index

488211

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Site Logistics Factors Impacting Resource Use on Construction Sites: A Delphi Study. <i>Frontiers in Built Environment</i> , 2022, 8, .	1.2	2
2	Comparative life cycle assessment of large-scale 3D printing utilizing kaolinite-based calcium sulfoaluminate cement concrete and conventional construction. <i>Cleaner Environmental Systems</i> , 2022, 5, 100078.	2.2	3
3	Embodied water analysis of higher education buildings using an input-output-based hybrid method. <i>Journal of Cleaner Production</i> , 2022, 365, 132866.	4.6	9
4	Building Back Better: Lessons Learned from Sichuan Earthquake on Decarbonizing China's Construction Industry through Microalloying. <i>Matter</i> , 2021, 4, 4-9.	5.0	2
5	Punching above its weight: life cycle energy accounting and environmental assessment of vanadium microalloying in reinforcement bar steel. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 275-290.	1.7	7
6	Assessing the role of vanadium technologies in decarbonizing hard-to-abate sectors and enabling the energy transition. <i>IScience</i> , 2021, 24, 103277.	1.9	12
7	Judgments of Object Size and Distance across Different Virtual Reality Environments: A Preliminary Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11510.	1.3	3
8	In situ Resource Utilization and Reconfiguration of Soils Into Construction Materials for the Additive Manufacturing of Buildings. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	26
9	Evaluating the impact of operating energy reduction measures on embodied energy. <i>Energy and Buildings</i> , 2020, 226, 110340.	3.1	29
10	Effects of BIM and COBie Database Facility Management on Work Order Processing Times: Case Study. <i>Journal of Performance of Constructed Facilities</i> , 2019, 33, .	1.0	19
11	Floor finish selection in the design of healthcare facilities: a survey of facility managers. <i>Facilities</i> , 2019, 37, 571-599.	0.8	1
12	Floor finish selection in health-care facilities: a systematic literature review. <i>Facilities</i> , 2019, 37, 897-918.	0.8	7
13	Integration of facility management and building information modeling (BIM). <i>Facilities</i> , 2019, 37, 455-483.	0.8	83
14	Life cycle recurrent embodied energy calculation of buildings: A review. <i>Journal of Cleaner Production</i> , 2019, 209, 731-754.	4.6	114
15	Embodied energy analysis of higher education buildings using an input-output-based hybrid method. <i>Energy and Buildings</i> , 2018, 161, 41-54.	3.1	45
16	Embodied energy and cost of building materials: correlation analysis. <i>Building Research and Information</i> , 2017, 45, 508-523.	2.0	23
17	Embodied energy analysis of building materials: An improved IO-based hybrid method using sectoral disaggregation. <i>Energy</i> , 2017, 124, 46-58.	4.5	57
18	Life cycle embodied energy analysis of residential buildings: A review of literature to investigate embodied energy parameters. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 390-413.	8.2	185

#	ARTICLE	IF	CITATIONS
19	Reducing carbon footprint of facilities using a facility management approach. <i>Facilities</i> , 2016, 34, 247-259.	0.8	18
20	Embodied Energy of Construction Materials: Integrating Human and Capital Energy into an IO-Based Hybrid Model. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1936-1945.	4.6	59
21	Key performance indicators for facility performance assessment: simulation of core indicators. <i>Construction Management and Economics</i> , 2014, 32, 1183-1204.	1.8	43
22	KPIs for facility's performance assessment, Part II: identification of variables and deriving expressions for core indicators. <i>Facilities</i> , 2014, 32, 275-294.	0.8	45
23	Calculating primary energy and carbon emission factors for the United States' energy sectors. <i>RSC Advances</i> , 2014, 4, 54200-54216.	1.7	30
24	Recurrent embodied energy and its relationship with service life and life cycle energy. <i>Facilities</i> , 2014, 32, 160-181.	0.8	18
25	KPIs for facility's performance assessment, Part I: identification and categorization of core indicators. <i>Facilities</i> , 2014, 32, 256-274.	0.8	60
26	System boundary for embodied energy in buildings: A conceptual model for definition. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 21, 153-164.	8.2	185
27	Wall Finish Selection in Hospital Design: A Survey of Facility Managers. <i>Herd</i> , 2012, 5, 80-98.	0.9	11
28	Need for an embodied energy measurement protocol for buildings: A review paper. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 3730-3743.	8.2	343
29	Literature review on design terror mitigation for facility managers in public access buildings. <i>Facilities</i> , 2010, 28, 542-563.	0.8	9
30	Identification of parameters for embodied energy measurement: A literature review. <i>Energy and Buildings</i> , 2010, 42, 1238-1247.	3.1	521
31	Establishment of KPIs for facility performance measurement: review of literature. <i>Facilities</i> , 2010, 28, 440-464.	0.8	113