

# Ali Nahvi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9445826/publications.pdf>

Version: 2024-02-01

9  
papers

168  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically conductive asphalt concrete: An alternative for automating the winter maintenance operations of transportation infrastructure. <i>Composites Part B: Engineering</i> , 2019, 173, 106985.	12.0	53
2	Optimal Cultivation Pattern to Increase Revenue and Reduce Water Use: Application of Linear Programming to Arjan Plain in Fars Province. <i>Agriculture (Switzerland)</i> , 2017, 7, 73.	3.1	34
3	Towards resilient infrastructure systems for winter weather events: Integrated stochastic economic evaluation of electrically conductive heated airfield pavements. <i>Sustainable Cities and Society</i> , 2018, 41, 195-204.	10.4	27
4	Polyurethane-carbon microfiber composite coating for electrical heating of concrete pavement surfaces. <i>Heliyon</i> , 2019, 5, e02359.	3.2	17
5	Multi-objective Bayesian optimization of super hydrophobic coatings on asphalt concrete surfaces. <i>Journal of Computational Design and Engineering</i> , 2019, 6, 693-704.	3.1	15
6	Integrated stochastic life cycle benefit cost analysis of hydronically-heated apron pavement system. <i>Journal of Cleaner Production</i> , 2019, 224, 994-1003.	9.3	9
7	Deterministic and stochastic life-cycle cost analysis for Otta seal surface treatment on low volume roads. <i>International Journal of Pavement Research and Technology</i> , 2019, 12, 101-109.	2.6	5
8	Design, Construction, and Preliminary Investigations of Otta Seal in Iowa. <i>Transportation Research Record</i> , 2019, 2673, 821-833.	1.9	4
9	Economics of upgrading gravel roads to Otta seal surface. <i>Applied Economics</i> , 2019, 51, 4820-4832.	2.2	3