Ghada S Moussa

List of Publications by Citations

20 papers	**205** citations
8 h-index	**13** g-index
25 ext. papers	**258** ext. citations
3.5 avg, IF	**3.96** L-index

#	Paper	IF	Citations
20	Augmented Reality Vehicle system: Left-turn maneuver study. *Transportation Research Part C: Emerging Technologies*, **2012**, 21, 1-16	8.4	36
19	Multi-Objective Transit Route Network Design as Set Covering Problem. *IEEE Transactions on Intelligent Transportation Systems*, **2016**, 17, 670-679	6.1	33
18	Robust Deep Learning Architecture for Traffic Flow Estimation from a Subset of Link Sensors. *Journal of Transportation Engineering Part A: Systems*, **2020**, 146, 04019055	1.5	17
17	Sensor location model for O/D estimation: Multi-criteria meta-heuristics approach. *Operations Research Perspectives*, **2019**, 6, 100100	2.1	16
16	A Comprehensive Study of the Effect of Spatial Resolution and Color of Digital Images on Vehicle Classification. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 1181-1190	6.1	13
15	Pre-trained deep learning for hot-mix asphalt dynamic modulus prediction with laboratory effort reduction. *Construction and Building Materials*, **2020**, 265, 120239	6.7	13
14	Augmented Reality Experiment: DriversaBehavior at an Unsignalized Intersection. *IEEE Transactions on Intelligent Transportation Systems*, **2013**, 14, 608-617	6.1	12
13	ON-ROAD VEHICLE CLASSIFICATION BASED ON RANDOM NEURAL NETWORK AND BAG-OF-VISUAL WORDS. *Probability in the Engineering and Informational Sciences*, **2016**, 30, 403-412	0.6	10
12	Laser intensity vehicle classification system based on random neural network **2005**,		8
11	Simple and Effective Solution Methodology for Transit Network Design Problem. *International Journal of Computer Applications*, **2014**, 89, 32-40	1.1	8
10	Effect of Nanoclay Particles on the Performance of High-Density Polyethylene-Modified Asphalt Concrete Mixture. *Polymers*, **2021**, 13,	4.5	7
9	Modeling Hot-Mix asphalt dynamic modulus using deep residual neural Networks: Parametric and sensitivity analysis study. *Construction and Building Materials*, **2021**, 294, 123589	6.7	7
8	Automatic vehicle classification system using range sensor **2005**,		6
7	Integrating underground line design with existing public transportation systems to increase transit network connectivity: Case study in Greater Cairo. *Expert Systems With Applications*, **2021**, 167, 114183	7.8	6
6	Design scheme of multiple-subway lines for minimizing passengers transfers in mega-cities transit networks. *International Journal of Rail Transportation*, **2020**, 1-24	2.1	5
5	An Optimal Metro Design for Transit Networks in Existing Square Cities Based on Non-Demand Criterion. *Sustainability*, **2020**, 12, 9566	3.6	3
4	No-capture hardware feature for securing sensitive information **2005**,		1

List of Publications

3   Variance-based global sensitivity analysis for rear-end crash investigation using deep learning.
Accident Analysis and Prevention, **2021**, 165, 106514   6.1   1

2   Waste nanomaterial-modified asphalt for economic and sustainable pavement construction.
Innovative Infrastructure Solutions, **2022**, 7, 1   2.3   0

1   Steel-Free FRP Composite Deck System **2004**, 396