

John W Desantis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Development of Artificial Neural Networks for Predicting the Response of Bonded Concrete Overlays of Asphalt for Use in a Faulting Prediction Model. Transportation Research Record, 2018, 2672, 360-370.	1.0	9
2	Effects of Interlayer Systems on Reflective Cracking in Unbonded Overlays of Existing Concrete Pavements. Transportation Research Record, 2016, 2591, 33-41.	1.0	8
3	Artificial Neural Networks for Predicting the Response of Unbonded Concrete Overlays in a Faulting Prediction Model. Transportation Research Record, 2019, 2673, 762-769.	1.0	7
4	Faulting development in concrete pavements and overlays. International Journal of Pavement Engineering, 2020, 21, 1445-1460.	2.2	7
5	Comparing the Bonded Concrete Overlays of Asphalt-Mechanistic Empirical Design Procedure and the Short Jointed Plain Concrete Pavement Module in the Pavement Mechanistic Empirical Design Procedure. Transportation Research Record, 2018, 2672, 242-253.	1.0	3
6	Redevelopment of Artificial Neural Networks for Predicting the Response of Bonded Concrete Overlays of Asphalt for use in a Faulting Prediction Model. Transportation Research Record, 2021, 2675, 196-207.	1.0	2
7	Improved artificial neural networks for predicting the response of unbonded concrete overlays in a faulting prediction model. International Journal of Pavement Engineering, 2022, 23, 3949-3957.	2.2	2
8	Mechanistic-Empirical Faulting Prediction Model for Unbonded Concrete Overlays of Concrete. Transportation Research Record, 0, , 036119812110288.	1.0	2
9	Mechanistic-empirical model to predict transverse joint faulting of bonded concrete overlays of asphalt. Road Materials and Pavement Design, 2023, 24, 1173-1195.	2.0	2
10	Modeling the Development of Permanent Deformation in Asphalt Interlayers of Unbonded Concrete Overlays of Concrete Pavements. Transportation Research Record, 2020, 2674, 489-499.	1.0	0