Juliette Blanc

List of Publications by Year
in descending order

31 papers	**327** citations	933447 **10** h-index	839539 **18** g-index
31 all docs	**31** docs citations	**31** times ranked	**252** citing authors

#	Article	IF	Citations
1	Review of glass fibre grid use for pavement reinforcement and APT experiments at IFSTTAR. Road Materials and Pavement Design, 2013, 14, 287-308.	4.0	76
2	Full-scale validation of bio-recycled asphalt mixtures for road pavements. Journal of Cleaner Production, 2019, 227, 1068-1078.	9.3	42
3	Continuous strain monitoring of an instrumented pavement section. International Journal of Pavement Engineering, 2019, 20, 1435-1450.	4.4	30
4	Assessment of cracks detection in pavement by a distributed fiber optic sensing technology. Journal of Civil Structural Health Monitoring, 2017, 7, 459-470.	3.9	28
5	Monitoring of railway structures of the high speed line BPL with bituminous and granular sublayers. Construction and Building Materials, 2019, 211, 337-348.	7.2	20
6	Monitoring of pavement deflections using geophones. International Journal of Pavement Engineering, 2020, 21, 1103-1113.	4.4	16
7	Creep tests on bituminous mixtures and modelling. Road Materials and Pavement Design, 2012, 13, 832-849.	4.0	12
8	Monitoring of an experimental motorway section. Road Materials and Pavement Design, 2019, 20, 74-89.	4.0	12
9	Cyclic triaxial tests on bituminous mixtures. Road Materials and Pavement Design, 2015, 16, 46-69.	4.0	11
10	Bio materials with reclaimed asphalt: from lab mixes properties to non-damaged full scale monitoring and mechanical simulation. Road Materials and Pavement Design, 2019, 20, S95-S111.	4.0	11
11	Alternate Method of Pavement Assessment Using Geophones and Accelerometers for Measuring the Pavement Response. Infrastructures, 2020, 5, 25.	2.8	10
12	Effect of two novel bio-based rejuvenators on the performance of 50% RAP mixes â€" a statistical study on the complex modulus of asphalt binders and asphalt mixtures. Road Materials and Pavement Design, 2021, 22, 1060-1077.	4.0	9
13	Optimization of Truck Platoon Wander Patterns Based on Thermo-Viscoelastic Simulations to Mitigate the Damage Effects on Road Structures. Lecture Notes in Civil Engineering, 2020, , 100-107.	0.4	8
14	Smart road that warns its network manager when it begins cracking. IET Intelligent Transport Systems, 2017, 11, 152-157.	3.0	7
15	Womenâ€™s dissatisfaction with inappropriate behavior by health care workers during childbirth care in France: A survey study. Birth, 2021, 48, 328-337.	2.2	6
16	Data Compression Approach for Long-Term Monitoring of Pavement Structures. Infrastructures, 2020, 5, 1.	2.8	5
17	Monitoring and Modeling Railway Structures on High-Speed Lines with Asphalt Concrete Underlay: A Study on the Bretagneâ€"Pays de la Loire Line. Transportation Research Record, 2020, 2674, 600-607.	1.9	4
18	Influence of the Bituminous Layer on Temperature and Water Infiltration in Railway Structures of the Bretagneâ€"Pays de la Loire High-Speed Line. Journal of Testing and Evaluation, 2020, 48, 134-149.	0.7	4

#	Article	IF	Citations
19	Rapid and Continuous Imaging for Crack Monitoring During APT Experiments. Lecture Notes in Civil Engineering, 2020, , 649-657.	0.4	3
20	Stiffness of Bituminous Mixtures Using Ultrasonic Wave Propagation. Road Materials and Pavement Design, 2009, 10, 789-814.	4.0	3
21	Fatigue Life Predictions for a European Pavement Test Section Subjected to Individual and Platoon Truck Configurations. Transportation Research Record, 2022, 2676, 746-762.	1.9	3
22	Assessing and predicting fatigue damage of road pavement using embedded sensors and deflection measurements: a full scale test. Road Materials and Pavement Design, 2021, 22, S444-S461.	4.0	2
23	Instrumentation of an Innovative Pavement Section on Motorway A10. , 2016, , 701-714.		2
24	Evaluation of the Use of Geophones and Accelerometers for Monitoring Pavement Deflections, Using Accelerated Pavement Tests. Lecture Notes in Civil Engineering, 2020, , 526-535.	0.4	2
25	From Laboratory Mixes Evaluation to Full Scale Test: Fatigue Behavior of Bio-Materials Recycled Asphalt Mixtures. Lecture Notes in Civil Engineering, 2020, , 261-269.	0.4	1
26	Monitoring of Railway Structures of High-Speed Line Bretagne-Pays de la Loire with Bituminous and Granular Sublayers. RILEM Bookseries, 2022, , 1367-1373.	0.4	0
27	Monitoring Road Pavement Performance Through a Novel Data Processing Approach, Accelerated Pavement Test Results. Lecture Notes in Civil Engineering, 2020, , 545-554.	0.4	0
28	Procedure for Temperature Correction of Strains Measured in a Road Pavement. Lecture Notes in Civil Engineering, 2020, , 488-496.	0.4	0
29	Inverse Analysis of Pavement Layer Moduli Based on Data Collected by Buried Accelerometers and Geophones. Lecture Notes in Civil Engineering, 2020, , 592-601.	0.4	0
30	Simulation of the dynamic response of high-speed line structures composed of granular or bituminous sub-ballast layers and comparison with in situ measurements from embedded instrumentation. Transportation Geotechnics, 2022, , 100767.	4.5	0
31	Monitoring of railway structures with bituminous and granular sub-layers: Assessment after four years of use. Construction and Building Materials, 2022, 336, 127515.	7.2	0