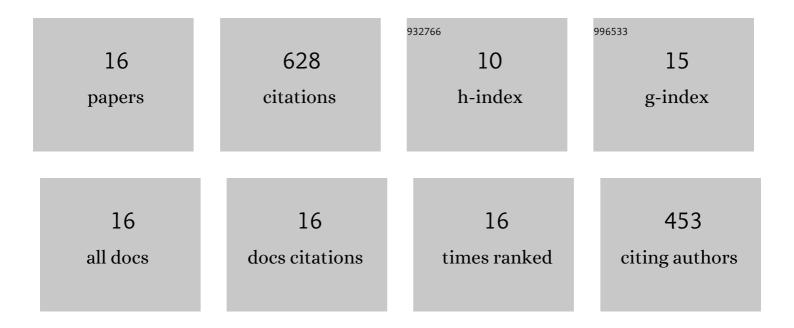
Jean-Pascal Planche

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2444623/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Infrared microscopy investigation of oxidation and phase evolution in bitumen modified with polymers. Fuel, 2008, 87, 1270-1280.	3.4	175
2	Laboratory investigation of bitumen based on round robin DSC and AFM tests. Materials and Structures/Materiaux Et Constructions, 2014, 47, 1205-1220.	1.3	143
3	Low-Temperature Thermal Cracking of Asphalt Binders as Ranked by Strength and Fracture Properties. Transportation Research Record, 2001, 1766, 1-6.	1.0	75
4	A13C NMR and DSC Study of the Amorphous and Crystalline Phases in Asphalts. Energy & Fuels, 1999, 13, 602-610.	2.5	59
5	Universal and practical approach to evaluate asphalt binder resistance to thermally-induced surface damage. Construction and Building Materials, 2020, 255, 119331.	3.2	33
6	Effect of Using Rejuvenators on the Chemical, Thermal, and Rheological Properties of Asphalt Binders. Energy & Fuels, 2020, 34, 2152-2159.	2.5	32
7	Diagnostic Techniques for Various Asphalt Refining and Modification Methods. Energy & Fuels, 2019, 33, 2680-2698.	2.5	30
8	Determination of Binder Glass Transition and Crossover Temperatures using 4-mm Plates on a Dynamic Shear Rheometer. Transportation Research Record, 2019, 2673, 247-260.	1.0	23
9	Impact of the asphalt binder rheological behavior on the value of the ΔTc parameter. Construction and Building Materials, 2021, 293, 123464.	3.2	20
10	Challenges While Performing AFM on Bitumen. RILEM Bookseries, 2013, , 89-98.	0.2	14
11	Performance Evaluation of Asphalt Mixtures Modified with Recycled Polyethylene via the Wet Process. Transportation Research Record, 2021, 2675, 491-502.	1.0	11
12	Differential Scanning Calorimetry Applied to Bitumen: Results of the RILEM NBM TG1 Round Robin Test. RILEM Bookseries, 2013, , 311-323.	0.2	6
13	Proposed Changes to Asphalt Binder Specifications to Address Binder Quality-Related Thermally Induced Surface Damage. Transportation Research Record, 2022, 2676, 176-191.	1.0	4
14	Chemo-mechanical Characterization of Bitumen Binders with the Same Continuous PG–Grade. RILEM Bookseries, 2019, , 77-83.	0.2	2
15	55th Petersen Asphalt Research Conference. Energy & Fuels, 2019, 33, 2603-2603.	2.5	1
16	Sensitivity Analysis for Rheological Determination of Glass Transition and Crossover Temperatures at Various Reference Frequencies. RILEM Bookseries, 2022, , 1657-1663.	0.2	0