Amir Tabakovic

List of Publications by Year
in descending order

23	697	686830 13	794141 19
papers	citations	h-index	g-index

24	24	24	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Effect of Conductive Alginate Capsules Encapsulating Rejuvenator (HealRoad Capsules) on the Healing Properties of 10 mm Stone Mastic Asphalt Mix. Applied Sciences (Switzerland), 2022, 12, 3648.	1.3	6
2	The Prospect of Microwave Heating: Towards a Faster and Deeper Crack Healing in Asphalt Pavement. Processes, 2021, 9, 507.	1.3	13
3	Experimental Investigation of the Performance of a Hybrid Self-Healing System in Porous Asphalt under Fatigue Loadings. Materials, 2021, 14, 3415.	1.3	17
4	Conductive Compartmented Capsules Encapsulating a Bitumen Rejuvenator. Processes, 2021, 9, 1361.	1.3	8
5	Bio-Binderâ€"Innovative Asphalt Technology. Applied Sciences (Switzerland), 2020, 10, 8655.	1.3	2
6	Optimizing the valorization of industrial by-products for the induction healing of asphalt mixtures. Construction and Building Materials, 2019, 228, 116715.	3.2	13
7	Microwave self-healing technology as airfield porous asphalt friction course repair and maintenance system. Case Studies in Construction Materials, 2019, 10, e00233.	0.8	10
8	Optimization of the Calcium Alginate Capsules for Self-Healing Asphalt. Applied Sciences (Switzerland), 2019, 9, 468.	1.3	30
9	Investigation of the Potential Use of Calcium Alginate Capsules for Self-Healing in Porous Asphalt Concrete. Materials, 2019, 12, 168.	1.3	36
10	Calcium alginate capsules encapsulating rejuvenator as healing system for asphalt mastic. Construction and Building Materials, 2018, 169, 379-387.	3.2	87
11	Selfâ€Healing Asphalt Review: From Idea to Practice. Advanced Materials Interfaces, 2018, 5, 1800536.	1.9	120
12	The compartmented alginate fibres optimisation for bitumen rejuvenator encapsulation. Journal of Traffic and Transportation Engineering (English Edition), 2017, 4, 347-359.	2.0	34
13	An Evaluation of the Efficiency of Compartmented Alginate Fibres Encapsulating a Rejuvenator as an Asphalt Pavement Healing System. Applied Sciences (Switzerland), 2017, 7, 647.	1.3	36
14	The reinforcement and healing of asphalt mastic mixtures by rejuvenator encapsulation in alginate compartmented fibres. Smart Materials and Structures, 2016, 25, 084003.	1.8	50
15	Specification development for cold in-situ recycling of asphalt. Construction and Building Materials, 2016, 102, 318-328.	3.2	24
16	Compartmented Alginate Fibres as a Healing Agent (Rejuvenator) Delivery System and Reinforcement for Asphalt Pavemnets. , 2016, , .		1
17	Self-Healing Technology for Asphalt Pavements. Advances in Polymer Science, 2015, , 285-306.	0.4	58
18	Developing maturity methods for the assessment of cold-mix bituminous materials. Construction and Building Materials, 2013, 38, 524-529.	3.2	48

#	Article	IF	Citations
19	Recycled asphalt (RA) for pavements. , 2013, , 394-423.		7
20	Modelling the quasi-static behaviour of bituminous material using a cohesive zone model. Engineering Fracture Mechanics, 2010, 77, 2403-2418.	2.0	21
21	Influence of Recycled Asphalt Pavement on Fatigue Performance of Asphalt Concrete Base Courses. Journal of Materials in Civil Engineering, 2010, 22, 643-650.	1.3	67
22	Investigation of three interferometric techniques for detection of surface flaws in elastomers. , 2003, , .		0
23	The influence of asphalt ageing on induction healing effect on porous asphalt concrete. RILEM Technical Letters, 0, 3, 98-103.	0.0	8