

# Josef Zak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9541901/publications.pdf>

Version: 2024-02-01

15  
papers

53  
citations

1937457

4  
h-index

1872570

6  
g-index

16  
all docs

16  
docs citations

16  
times ranked

43  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise International Roughness Index Calculation. International Journal of Pavement Research and Technology, 2022, 15, 1413-1419.	1.3	6
2	Shear accumulated equilibrium compliance as permanent deformation susceptibility parameter. Construction and Building Materials, 2021, 271, 121510.	3.2	0
3	Simulation of dipole reflectorsâ€™ electric field and RCS in limited open space. IET Radar, Sonar and Navigation, 2020, 14, 200-206.	0.9	0
4	Incremental Rutting Prediction with Asphalt Mixture Shear Properties. Sustainable Civil Infrastructures, 2019, , 13-24.	0.1	1
5	BIM and data standard for effective investment in infrastructure. , 2019, , .		0
6	BIM superior approach for infrastructure construction in the Czech Republic. , 2018, , .		3
7	Uniaxial Shear Tester â€” new test method to determine shear properties of asphalt mixtures. Road Materials and Pavement Design, 2017, 18, 87-103.	2.0	9
8	Utilization of building information modeling in infrastructureâ€™s design and construction. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012108.	0.3	15
9	Polymer Modification Technologies and Asphalt Mixtures Fatigue Resistance in Pavement Structures. , 2016, , .		1
10	Consideration of fatigue resistance tests variability in pavement design methodology. International Journal of Pavement Engineering, 2015, 16, 91-96.	2.2	7
11	Poisson's Ratio of Hot Asphalt Mixtures Determined by Relaxation and Small Amplitude Oscillation Test. Journal of Testing and Evaluation, 2015, 43, 20130325.	0.4	2
12	Asphalt Binder Modification Technologies and Its Influence on Mixture Durability with Regard to Fatigue Resistance. , 2015, , .		1
13	Poisson's Ratio of Hot Asphalt Mixtures Determined by Relaxation and Small Amplitude Oscillation Tests. , 2014, , .		2
14	Microfibre Reinforced Hot Mix Asphalt. Romanian Journal of Transport Infrastructure, 2012, 1, 60-67.	0.3	0
15	On laser scanning, pavement surface roughness and international roughness index in highway construction. , 0, , .		1