

# Zdeněk Chobola

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Possibility of Using Nonlinear Acoustic Spectroscopy with a Single Excitation Signal for Testing of Concrete Elements Damaged by High Temperature. Key Engineering Materials, 2019, 808, 66-71.	0.4	0
2	Monitoring of Thermal Damage Evolution in Concrete Parts by Acoustic NDT Methods. Key Engineering Materials, 2019, 808, 159-164.	0.4	1
3	Nonlinear Acoustic Spectroscopy Method for Nondestructive Testing of Thermally Damaged Concrete. Solid State Phenomena, 2018, 276, 128-133.	0.3	1
4	Acoustic non-destructive testing of high temperature degraded concrete with comparison of acoustic impedance. MATEC Web of Conferences, 2018, 219, 03003.	0.2	3
5	Comparison of Ultrasonic Methods for Thermally Damaged Concrete Nondestructive Testing. Key Engineering Materials, 2018, 776, 86-91.	0.4	2
6	Application of Acoustic Emission Method and Impact Echo Method to Structural Rehabilitation. Key Engineering Materials, 2018, 776, 81-85.	0.4	2
7	Flexure response of thermal loaded concrete specimens by acoustic emission method. MATEC Web of Conferences, 2017, 107, 00040.	0.2	1
8	Monitoring of Concrete Hydration by Electrical Measurement Methods. Procedia Engineering, 2016, 151, 271-276.	1.2	3
9	Carbon Admixtures Influence on the Electrical Properties of Slag Mortars Focusing on Alternating Conductivity and Permittivity. Procedia Engineering, 2016, 151, 236-240.	1.2	5
10	Possibilities of NUS and Impact-Echo methods for monitoring steel corrosion in concrete. Materiali in Tehnologije, 2016, 50, 565-570.	0.5	4
11	Low-Frequency Noise Measurements Used For Quality Assessment Of GaSb Based Laser Diodes Prepared By Molecular Beam Epitaxy. Journal of Electrical Engineering, 2015, 66, 226-230.	0.7	3
12	Assessment of the impact-echo method for monitoring the long-standing frost resistance of ceramic tiles. Materiali in Tehnologije, 2015, 49, 639-643.	0.5	7
13	Use of Impact-Echo Method to Test High-Temperature Degraded Cementitious Composite Materials Containing Rubber Aggregates and Acrylic Polymer Binder. Advanced Materials Research, 2014, 897, 238-241.	0.3	1
14	Dielectric Properties of Concrete Specimens after Heat Stress. Applied Mechanics and Materials, 2013, 446-447, 1389-1394.	0.2	14
15	Low-Frequency Noise and Microplasma Analysis for c-Si Solar Cell Characterization. International Journal of Photoenergy, 2012, 2012, 1-5.	2.5	1
16	Microplasma Analysis and Noise Spectroscopy of c-Si Solar Cells. ECS Transactions, 2012, 40, 177-185.	0.5	1
17	Noise spectroscopy of new silicon solar cells with double-sided texture. , 2007, , .		0
18	Low-frequency noise measurements used for semiconductors light active devices. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
19	Using of Impact-Echo Methods to Assessment of Reinforced Concrete Structures Corrosion. Applied Mechanics and Materials, 0, 446-447, 1400-1404.	0.2	4
20	The Use of Acoustic Methods for Non-Destructive Testing of High-Temperature-Degraded Cement-Based Composite. Applied Mechanics and Materials, 0, 446-447, 1395-1399.	0.2	2
21	Thermal Stress of Building Materials Containing Plasticizer Characterised by Alternating Electric Field. Applied Mechanics and Materials, 0, 627, 149-152.	0.2	0
22	Monitoring of Reinforced Concrete Structure Corrosion by Using Impact-Echo Method. Advanced Materials Research, 0, 1000, 239-242.	0.3	2
23	Characterization of Thermal Stress of Building Materials Containing Rubber Granulate by Alternating Electric Field. Advanced Materials Research, 0, 1000, 207-210.	0.3	0
24	Impact-Echo Methods to Assessment Corrosion of Reinforced Concrete Structures. Applied Mechanics and Materials, 0, 627, 268-271.	0.2	3
25	Estimation of Impact-Echo Method for the Assessment of Long-Term Frost Resistance of Ceramic Tiles. Advanced Materials Research, 0, 1000, 285-288.	0.3	8
26	The Corrosion Status of Reinforced Concrete Structure Monitoring by Impact-Echo Method. Advanced Materials Research, 0, 875-877, 445-449.	0.3	5
27	Non-Destructive Acoustic Testing of High-Temperature Degraded Composite Cementations Materials Containing Rubber Aggregates and Ethylen Vinyl Acetate Polymer Binder. Advanced Materials Research, 0, 1000, 334-337.	0.3	2
28	High-Temperature Degradation of Mortar Containing Rubber Aggregates and EVA Binder Evaluated by Impact-Echo Method. Applied Mechanics and Materials, 0, 627, 272-275.	0.2	2
29	Non-Destructive Tracking of Structural Changes of Concrete Mixtures during Thermal Stress. Applied Mechanics and Materials, 0, 617, 152-155.	0.2	2
30	Effect of Thermal Loading on Selected Parameters of Reinforced Concrete Obtained by Acoustic NDT Method. Solid State Phenomena, 0, 296, 131-136.	0.3	0
31	Detection of Reinforced Concrete Thermal Damage by Nonlinear Ultrasonic Spectroscopy. Solid State Phenomena, 0, 296, 143-148.	0.3	2
32	Sensitivity Assessment of the Nonlinear Resonant Ultrasonic Spectroscopy for Concrete Damage Detection. Key Engineering Materials, 0, 868, 51-56.	0.4	2