

Guru Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

178
citations

1307366

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1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial service life data towards structural health monitoring of a concrete arch dam. Structural Control and Health Monitoring, 2018, 25, e2036.	1.9	57
2	A hybrid hidden Markov model towards fault detection of rotating components. JVC/Journal of Vibration and Control, 2017, 23, 3175-3195.	1.5	19
3	A probabilistic approach to remaining useful life prediction of rolling element bearings. Structural Health Monitoring, 2019, 18, 466-485.	4.3	17
4	Ballistic performance of quasi-isotropic CFRP laminates under low velocity impact. Journal of Composite Materials, 2021, 55, 3511-3527.	1.2	14
5	Toward a Big Data-Based Approach: A Review on Degradation Models for Prognosis of Critical Infrastructure. Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems, 2021, 4, .	0.7	14
6	Bayesian Two-Phase Gamma Process Model for Damage Detection and Prognosis. Journal of Engineering Mechanics - ASCE, 2018, 144, 04017158.	1.6	10
7	A two-phase model to predict the remaining useful life of corroded reinforced concrete beams. Journal of Civil Structural Health Monitoring, 2019, 9, 183-199.	2.0	8
8	A Bayesian approach to degradation modeling and reliability assessment of rolling element bearing. Communications in Statistics - Theory and Methods, 2021, 50, 5453-5474.	0.6	8
9	A Bayesian approach to model selection and averaging of hydrostatic-season-temperature-time model. Structures, 2021, 33, 4359-4370.	1.7	7
10	A change-point-based Wiener process degradation model for remaining useful life estimation. Safety and Reliability, 2020, 39, 253-279.	1.0	6
11	A deflection-based practicable method for health monitoring of in-service bridges. Measurement Science and Technology, 2021, 32, 075108.	1.4	5
12	Probabilistic Model for Remaining Fatigue Life Estimation of Bridge Components. Journal of Structural Engineering, 2021, 147, .	1.7	5
13	Condition Based Maintenance of Low Speed Rolling Element Bearings using Hidden Markov Model. International Journal of Prognostics and Health Management, 2017, 8, .	0.6	4
14	Nonlinear Behaviour of Concrete Under Low-Velocity Impact by Using a Damaged Plasticity Model. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 3655-3677.	1.0	4
15	Automated Condition-Based Monitoring of Automated People Movers. , 2018, , .		0