Magomed Muradov

List of Publications by Citations

26 papers	444 citations	13 h-index	21 g-index
31 ext. papers	600 ext. citations	1.8 avg, IF	4.43 L-index

#	Paper	IF	Citations
26	Novel Electromagnetic Sensors Embedded in Reinforced Concrete Beams for Crack Detection. *Sensors*, **2019**, 19,	3.8	66
25	Hybridised Artificial Neural Network Model with Slime Mould Algorithm: A Novel Methodology for Prediction of Urban Stochastic Water Demand. *Water (Switzerland)*, **2020**, 12, 2692	3	65
24	Embedded Smart Antenna for Non-Destructive Testing and Evaluation (NDT&E) of Moisture Content and Deterioration in Concrete. *Sensors*, **2019**, 19,	3.8	54
23	Recent Advancements in Non-Destructive Testing Techniques for Structural Health Monitoring. *Applied Sciences (Switzerland)*, **2021**, 11, 2750	2.6	38
22	Continuous-flow electrocoagulation (EC) process for iron removal from water: Experimental, statistical and economic study. *Science of the Total Environment*, **2021**, 760, 143417	10.2	38
21	Natural filtration unit for removal of heavy metals from water. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012034	0.4	27
20	Theoretical Basis and Application for Measuring Pork Loin Drip Loss Using Microwave Spectroscopy. *Sensors*, **2016**, 16, 182	3.8	24
19	Zeolite-assisted electrocoagulation for remediation of phosphate from calcium-phosphate solution. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012031	0.4	20
18	Cost-effective hybrid filter for remediation of water from fluoride. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012038	0.4	18
17	Phosphate removal from water using bottom ash: adsorption performance, coexisting anions and modelling studies. *Water Science and Technology*, **2021**, 83, 77-89	2.2	16
16	Turbidity removal using natural coagulants derived from the seeds of strychnos potatorum: statistical and experimental approach. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012064	0.4	15
15	Removal of organic matter from water using ultrasonic-assisted electrocoagulation method. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012033	0.4	15
14	Removal of iron from wastewater using a hybrid filter. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012035	0.4	13
13	Real-Time Microwave, Dielectric, and Optical Sensing of Lincomycin and Tylosin Antibiotics in Water: Sensor Fusion for Environmental Safety. *Journal of Sensors*, **2018**, 2018, 1-11	2	10
12	The Quality Assessment of Different Geolocalisation Methods for a Sensor System to Monitor Structural Health of Monumental Objects. *Sensors*, **2020**, 20,	3.8	8
11	Ultrasonic-electrochemical treatment for effluents of concrete plants. *IOP Conference Series: Materials Science and Engineering*, **2020**, 888, 012063	0.4	3
10	An experimental study for adapting electrocoagulation as a technique for fluoride removal from water. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1058, 012012	0.4	3

List of Publications

9	Preliminary Studies of Methylene Blue Remotion from Aqueous Solutions by Ocimum basilicum. *Environments - MDPI*, **2022**, 9, 17	3.2	2
8	Real-time monitoring of meat drying process using microwave spectroscopy. *International Journal on Smart Sensing and Intelligent Systems*, **2020**, 7, 1-5	0.4	2
7	Identification of Optimal Frequencies to Determine Alpha-Cypermethrin Using Machine Learning Feature Selection Techniques **2018**,		2
6	Real-Time Monitoring of Meat Drying Process Using Electromagnetic Wave Sensors. *Smart Sensors, Measurement and Instrumentation*, **2016**, 221-233	0.3	1
5	How can sensors be used for sustainability improvement? **2021**, 321-344		1
4	Agri-food wastes for heavy metals removal from water. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1058, 012020	0.4	1
3	Requirements of an Underwater Sensor-Networking Platform for Environmental Monitoring **2018**,		1
2	Rapid Non-Destructive Prediction of Water Activity in Dry-Cured Meat. *Proceedings (mdpi)*, **2018**, 2, 1003	0.3	0
1	Real-Time Detection of Plastic Shards in Cheese Using Microwave-Sensing Technique. *Proceedings (mdpi)*, **2020**, 42, 54	0.3	