

# Magomed Muradov

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

718  
citations

623699

14  
h-index

677123

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybridised Artificial Neural Network Model with Slime Mould Algorithm: A Novel Methodology for Prediction of Urban Stochastic Water Demand. <i>Water (Switzerland)</i> , 2020, 12, 2692.	2.7	102
2	Recent Advancements in Non-Destructive Testing Techniques for Structural Health Monitoring. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2750.	2.5	101
3	Novel Electromagnetic Sensors Embedded in Reinforced Concrete Beams for Crack Detection. <i>Sensors</i> , 2019, 19, 5175.	3.8	81
4	Embedded Smart Antenna for Non-Destructive Testing and Evaluation (NDT&E) of Moisture Content and Deterioration in Concrete. <i>Sensors</i> , 2019, 19, 547.	3.8	68
5	Continuous-flow electrocoagulation (EC) process for iron removal from water: Experimental, statistical and economic study. <i>Science of the Total Environment</i> , 2021, 760, 143417.	8.0	65
6	Phosphate removal from water using bottom ash: adsorption performance, coexisting anions and modelling studies. <i>Water Science and Technology</i> , 2021, 83, 77-89.	2.5	43
7	Natural filtration unit for removal of heavy metals from water. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012034.	0.6	40
8	Theoretical Basis and Application for Measuring Pork Loin Drip Loss Using Microwave Spectroscopy. <i>Sensors</i> , 2016, 16, 182.	3.8	33
9	Zeolite-assisted electrocoagulation for remediation of phosphate from calcium-phosphate solution. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012031.	0.6	25
10	Turbidity removal using natural coagulants derived from the seeds of <i>strychnos potatorum</i> : statistical and experimental approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012064.	0.6	25
11	Cost-effective hybrid filter for remediation of water from fluoride. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012038.	0.6	22
12	Removal of organic matter from water using ultrasonic-assisted electrocoagulation method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012033.	0.6	19
13	Real-Time Microwave, Dielectric, and Optical Sensing of Lincomycin and Tylosin Antibiotics in Water: Sensor Fusion for Environmental Safety. <i>Journal of Sensors</i> , 2018, 2018, 1-11.	1.1	17
14	Removal of iron from wastewater using a hybrid filter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012035.	0.6	17
15	The Quality Assessment of Different Geolocalisation Methods for a Sensor System to Monitor Structural Health of Monumental Objects. <i>Sensors</i> , 2020, 20, 2915.	3.8	15
16	Preliminary Studies of Methylene Blue Remotion from Aqueous Solutions by <i>Ocimum basilicum</i> . <i>Environments - MDPI</i> , 2022, 9, 17.	3.3	11
17	Ultrasonic-electrochemical treatment for effluents of concrete plants. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 888, 012063.	0.6	6
18	An experimental study for adapting electrocoagulation as a technique for fluoride removal from water. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1058, 012012.	0.6	6

#	ARTICLE	IF	CITATIONS
19	How can sensors be used for sustainability improvement?. , 2021, , 321-344.		5
20	Review of Surveying Devices for Structural Health Monitoring of Cultural Heritage Buildings. , 2019, , .		4
21	Identification of Optimal Frequencies to Determine Alpha-Cypermethrin Using Machine Learning Feature Selection Techniques. , 2018, , .		3
22	Requirements of an Underwater Sensor-Networking Platform for Environmental Monitoring. , 2018, , .		2
23	Agri-food wastes for heavy metals removal from water. IOP Conference Series: Materials Science and Engineering, 2021, 1058, 012020.	0.6	2
24	Real-time monitoring of meat drying process using microwave spectroscopy. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-5.	0.7	2
25	Online non-destructive monitoring of meat drying using microwave spectroscopy. , 2015, , .		1
26	Real-Time Monitoring of Meat Drying Process Using Electromagnetic Wave Sensors. Smart Sensors, Measurement and Instrumentation, 2016, , 221-233.	0.6	1
27	Rapid Non-Destructive Prediction of Water Activity in Dry-Cured Meat. Proceedings (mdpi), 2018, 2, .	0.2	1
28	The Integration of The Multi-Source Data for Multi-Temporal Investigation of Cultural Heritage Objects. , 2021, , .		1
29	Microwave spectroscopy: Novel cost-effective approach to measure drip loss in pork loin. , 2016, , .		0
30	Non-destructive Electromagnetic Wave Sensor for Hazardous Biological Materials. , 2019, , .		0
31	Real-Time Detection of Plastic Shards in Cheese Using Microwave-Sensing Technique. Proceedings (mdpi), 2019, 42, .	0.2	0