

# Seniz Ertugrul

## List of Publications by Year in descending order

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17  
papers

366  
citations

933447

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h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Based Diagnosis of Oxygen Sensors. IFAC-PapersOnLine, 2019, 52, 185-190.	0.9	3
2	Marine measurement and real-time control systems with case studies. Ocean Engineering, 2018, 159, 457-469.	4.3	11
3	Optimal trim control of a high-speed craft by trim tabs/interceptors Part I: Pitch and surge coupled dynamic modelling using sea trial data. Ocean Engineering, 2017, 130, 300-309.	4.3	13
4	Modelling, Simulation and Controller Design for Hydraulically Actuated Ship Fin Stabilizer Systems. MATEC Web of Conferences, 2016, 42, 01003.	0.2	1
5	Application of Particle Swarm Optimized PDD <sup>2</sup> Control for Ship Roll Motion With Active Fins. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1004-1014.	5.8	15
6	Time-optimal Smoothing of RRT-given Path for Manipulators. , 2016, , .		4
7	Multi-input multi-output intelligent modelling techniques and application to human driver. International Journal of Vehicle Performance, 2016, 2, 390.	0.4	0
8	Decision support system for collision avoidance of vessels. Applied Soft Computing Journal, 2014, 25, 369-378.	7.2	62
9	eTS fuzzy driver model for simultaneous longitudinal and lateral vehicle control. International Journal of Automotive Technology, 2014, 15, 781-794.	1.4	8
10	Predictive human operator model to be utilized as a controller using linear, neuro-fuzzy and fuzzy-ARX modeling techniques. Engineering Applications of Artificial Intelligence, 2010, 23, 595-603.	8.1	29
11	Prediction of manually controlled vessels'™ position and course navigating in narrow waterways using Artificial Neural Networks. Applied Soft Computing Journal, 2009, 9, 1217-1224.	7.2	29
12	Predictive modeling of human operators using parametric and neuro-fuzzy models by means of computer-based identification experiment. Engineering Applications of Artificial Intelligence, 2008, 21, 259-268.	8.1	28
13	Intelligent Modeling of Human Driver: A Survey. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	13
14	Prediction of Position and Course of a Vessel Using Artificial Neural Networks by Utilizing GPS/Radar Data. , 2007, , .		1
15	Measuring and Transmitting Vital Body Signs Using MEMS Sensors. , 2007, , .		9
16	Predicting Circular Knitting Machine Parameters for Cotton Plain Fabrics Using Conventional and Neuro-Fuzzy Methods. Textile Research Journal, 2002, 72, 361-366.	2.2	31
17	Predicting Bursting Strength of Cotton Plain Knitted Fabrics Using Intelligent Techniques. Textile Research Journal, 2000, 70, 845-851.	2.2	109