

# Daniel Toma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7406611/publications.pdf>

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17  
papers

256  
citations

1307594

7  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metadata-Driven Universal Real-Time Ocean Sound Measurement Architecture. IEEE Access, 2021, 9, 28282-28301.	4.2	6
2	Study on Heat Dissipation and Cooling Optimization of the Junction Box of OBSEA Seafloor Observatory. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1301-1309.	5.8	11
3	Wireless HDLC Protocol for Energy-Efficient Large-Scale Linear Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 916073.	2.2	7
4	Standards-Based Plug & Work for Instruments in Ocean Observing Systems. IEEE Journal of Oceanic Engineering, 2014, 39, 430-443.	3.8	29
5	Smart IEEE&#x2013;1588 GPS Clock Emulator for Cabled Ocean Sensors. IEEE Journal of Oceanic Engineering, 2014, 39, 269-275.	3.8	4
6	An ocean kinetic energy converter for low-power applications using piezoelectric disk elements. European Physical Journal: Special Topics, 2013, 222, 1685-1698.	2.6	24
7	Sea motion electrical energy generator for low-power applications. , 2013, , .		3
8	Automatic marine sensors services discovery on IP networks. , 2013, , .		1
9	Contribution to COBS synchronization with PTP IEEE std. 1588. , 2013, , .		1
10	Ocean Bottom Seismometer: Design and Test of a Measurement System for Marine Seismology. Sensors, 2012, 12, 3693-3719.	3.8	23
11	Precision timing in ocean sensor systems. Measurement Science and Technology, 2012, 23, 025801.	2.6	15
12	Piezoelectric energy harvesting from induced vortex in water flow. , 2012, , .		19
13	Self-powered high-rate Wireless Sensor Network for Underground High Voltage Power Lines. , 2012, , .		4
14	Smart sensors for interoperable Smart Ocean Environment. , 2011, , .		22
15	Interoperable data management and instrument control experiences at OBSEA. , 2011, , .		0
16	The New Seafloor Observatory (OBSEA) for Remote and Long-Term Coastal Ecosystem Monitoring. Sensors, 2011, 11, 5850-5872.	3.8	73
17	Instrument interface standards for interoperable ocean sensor networks. , 2009, , .		14