

Boris Svilicic

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5879915/boris-svilicic-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

202
citations

8
h-index

13
g-index

25
ext. papers

282
ext. citations

2
avg, IF

3.35
L-index

#	Paper	IF	Citations
23	Analytical models of front- and back-gate potential distribution and threshold voltage for recessed source/drain UTB SOI MOSFETs. <i>Solid-State Electronics</i> , 2009 , 53, 540-547	1.7	33
22	Electrothermally Actuated and Piezoelectrically Sensed Silicon Carbide Tunable MEMS Resonator. <i>IEEE Electron Device Letters</i> , 2012 , 33, 278-280	4.4	28
21	Assessing ship cyber risks: a framework and case study of ECDIS security. <i>WMU Journal of Maritime Affairs</i> , 2019 , 18, 509-520	1.5	16
20	Maritime Cyber Risk Management: An Experimental Ship Assessment. <i>Journal of Navigation</i> , 2019 , 72, 1108-1120	2.3	15
19	A Study on Cyber Security Threats in a Shipboard Integrated Navigational System. <i>Journal of Marine Science and Engineering</i> , 2019 , 7, 364	2.4	15
18	Raising Awareness on Cyber Security of ECDIS. <i>TransNav</i> , 2019 , 13, 231-236	1.6	13
17	Tunable MEMS cantilever resonators electrothermally actuated and piezoelectrically sensed. <i>Microelectronic Engineering</i> , 2015 , 145, 38-42	2.5	9
16	Piezoelectric sensing of electrothermally actuated silicon carbide MEMS resonators. <i>Microelectronic Engineering</i> , 2014 , 119, 24-27	2.5	9
15	Piezo-electrically actuated and sensed silicon carbide ring resonators. <i>Microelectronic Engineering</i> , 2012 , 97, 220-222	2.5	8
14	Widely tunable MEMS ring resonator with electrothermal actuation and piezoelectric sensing for filtering applications. <i>Sensors and Actuators A: Physical</i> , 2015 , 226, 149-153	3.9	7
13	Analysis of subthreshold conduction in short-channel recessed source/drain UTB SOI MOSFETs. <i>Solid-State Electronics</i> , 2010 , 54, 545-551	1.7	7
12	Towards a Cyber Secure Shipboard Radar. <i>Journal of Navigation</i> , 2020 , 73, 547-558	2.3	7
11	Thermal- and Piezo-Tunable Flexural-Mode Resonator With Piezoelectric Actuation and Sensing. <i>Journal of Microelectromechanical Systems</i> , 2017 , 26, 609-615	2.5	6
10	The Navigator's Aspect of PNC before and after ECDIS Implementation: Facts and Potential Implications towards Navigation Safety Improvement. <i>Journal of Marine Science and Engineering</i> , 2020 , 8, 842	2.4	5
9	Vertical silicon-on-nothing FET: Threshold voltage calculation using compact capacitance model. <i>Solid-State Electronics</i> , 2008 , 52, 1505-1511	1.7	5
8	Shipboard ECDIS Cyber Security. <i>Pomorstvo</i> , 2019 , 33, 176-180	0.8	5
7	Piezoelectrically transduced silicon carbide MEMS double-clamped beam resonators. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012 , 30, 06FD05	1.3	4

- 6 A MEMS Filter Based on Ring Resonator with Electrothermal Actuation and Piezoelectric Sensing. *Procedia Engineering*, **2014**, 87, 1406-1409 3
- 5 Paperless ship navigation: cyber security weaknesses. *Journal of Transportation Security*, **2020**, 13, 203-214 3
- 4 3C-Silicon Carbide Microresonators for Timing and Frequency Reference. *Micromachines*, **2016**, 7, 3-3 3
- 3 GMDSS Equipment Usage: Seafarers' Experience. *Journal of Marine Science and Engineering*, **2021**, 9, 476-484 1
- 2 Tunability of Piezoelectric MEMS Ring Resonator Based Filter. *Procedia Engineering*, **2016**, 168, 1517-1520 0
- 1 Tuning Performance of Silicon Carbide Micro-Resonators. *Materials Science Forum*, **2017**, 897, 601-605 0.4