

# Andr  B gin-Drolet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9078665/publications.pdf>

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18  
papers

181  
citations

1307594

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1125743

13  
g-index

18  
all docs

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docs citations

18  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards standards in the analysis of wind turbines operating in cold climate. Part B: Methodology for evaluating wind turbine alternative operational strategies. Cold Regions Science and Technology, 2022, 196, 103494.	3.5	2
2	Assembly Solution for Modular Buildings: Development of an Automated Connecting Device for Light-Framed Structures. Buildings, 2022, 12, 672.	3.1	5
3	Parametric study of a yellow birch surface impregnation process. European Journal of Wood and Wood Products, 2021, 79, 897-906.	2.9	6
4	In situ estimation of effective liquid water content on a wind turbine using a thermal based sensor. Cold Regions Science and Technology, 2021, 184, 103235.	3.5	4
5	An in vitro Perfused Macroencapsulation Device to Study Hemocompatibility and Survival of Islet-Like Cell Clusters. Frontiers in Bioengineering and Biotechnology, 2021, 9, 674125.	4.1	3
6	Scanning Aperture Approach for Spatially Selective ATR-FTIR Spectroscopy: Application to Microfluidics. Analytical Chemistry, 2021, 93, 14076-14087.	6.5	8
7	Field analysis, modeling and characterization of wind turbine hot air ice protection systems. Cold Regions Science and Technology, 2019, 163, 19-26.	3.5	19
8	Biocompatible compact micropump with integrated unidirectional microvalves for low pressure microfluidic applications. Sensors and Actuators A: Physical, 2018, 276, 246-258.	4.1	5
9	A new robust controller for non-linear periodic single-input/single-output systems using genetic algorithms. Journal of Process Control, 2018, 61, 23-35.	3.3	8
10	A new atmospheric icing detector based on thermally heated cylindrical probes for wind turbine applications. Cold Regions Science and Technology, 2018, 148, 131-141.	3.5	11
11	Linear Scanning ATR-FTIR for Chemical Mapping and High-Throughput Studies of <i>Pseudomonas</i> sp. Biofilms in Microfluidic Channels. Analytical Chemistry, 2018, 90, 14475-14483.	6.5	27
12	Sugar glass fugitive ink loaded with calcium chloride for the rapid casting of alginate scaffold designs. Heliyon, 2018, 4, e00680.	3.2	12
13	Design of a 3D printer head for additive manufacturing of sugar glass for tissue engineering applications. Additive Manufacturing, 2017, 15, 29-39.	3.0	47
14	Time domain modeling of cup anemometers using artificial neural networks. Flow Measurement and Instrumentation, 2013, 33, 10-27.	2.0	13
15	Novel meteorological sensor for anemometer heating control purposes: Part B – Integration into a single sensor. Cold Regions Science and Technology, 2013, 96, 53-68.	3.5	1
16	Intelligent heating control of a new ice-free anemometer. Cold Regions Science and Technology, 2011, 65, 351-358.	3.5	3
17	Off-axis characterization of ice-free anemometers. Journal of Wind Engineering and Industrial Aerodynamics, 2011, 99, 825-832.	3.9	7
18	On friction measurements and certification of slip-preventing materials for road freight usages. Packaging Technology and Science, 0, , .	2.8	0