

# Piotr S Gromski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10993130/publications.pdf>

Version: 2024-02-01

21  
papers

1,548  
citations

567281

15  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal and early childhood outcomes following maternal anesthesia for cesarean section: a population-based cohort study. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 482-489.	2.3	11
2	Identifying molecules as biosignatures with assembly theory and mass spectrometry. <i>Nature Communications</i> , 2021, 12, 3033.	12.8	66
3	2008 financial crisis versus 2020 economic fallout: how COVID-19 might influence fertility treatment and live births. <i>Reproductive BioMedicine Online</i> , 2021, 42, 1087-1096.	2.4	8
4	Regulation to reality: COVID-19 and IVF activity. <i>Human Reproduction</i> , 2021, 36, 519-521.	0.9	1
5	Association of Epidural Analgesia in Women in Labor With Neonatal and Childhood Outcomes in a Population Cohort. <i>JAMA Network Open</i> , 2021, 4, e2131683.	5.9	23
6	Universal Chemical Synthesis and Discovery with "The Chemputer". <i>Trends in Chemistry</i> , 2020, 2, 4-12.	8.5	88
7	Population implications of cessation of IVF during the COVID-19 pandemic. <i>Reproductive BioMedicine Online</i> , 2020, 41, 428-430.	2.4	20
8	SARS-Cov-2 viral and serological screening of staff in 31 European fertility units. <i>Human Reproduction Open</i> , 2020, 2020, hoaa056.	5.4	5
9	Integrated synthesis of nucleotide and nucleosides influenced by amino acids. <i>Communications Chemistry</i> , 2019, 2, .	4.5	17
10	Environmental control programs the emergence of distinct functional ensembles from unconstrained chemical reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5387-5392.	7.1	40
11	How to explore chemical space using algorithms and automation. <i>Nature Reviews Chemistry</i> , 2019, 3, 119-128.	30.2	168
12	Designing Algorithms To Aid Discovery by Chemical Robots. <i>ACS Central Science</i> , 2018, 4, 793-804.	11.3	64
13	Ethnic differences in male reproductive hormones and relationships with adiposity and insulin resistance in older men. <i>Clinical Endocrinology</i> , 2017, 86, 660-668.	2.4	8
14	Miller's "Urey Spark" Discharge Experiments in the Deuterium World. <i>Angewandte Chemie</i> , 2017, 129, 8191-8194.	2.0	1
15	Miller's "Urey Spark" Discharge Experiments in the Deuterium World. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8079-8082.	13.8	15
16	Multivariate data analysis and metabolic profiling of artemisinin and related compounds in high yielding varieties of <i>Artemisia annua</i> field-grown in Madagascar. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 522-531.	2.8	18
17	A tutorial review: Metabolomics and partial least squares-discriminant analysis – a marriage of convenience or a shotgun wedding. <i>Analytica Chimica Acta</i> , 2015, 879, 10-23.	5.4	618
18	The influence of scaling metabolomics data on model classification accuracy. <i>Metabolomics</i> , 2015, 11, 684-695.	3.0	62

#	ARTICLE	IF	CITATIONS
19	A comparative investigation of modern feature selection and classification approaches for the analysis of mass spectrometry data. <i>Analytica Chimica Acta</i> , 2014, 829, 1-8.	5.4	93
20	A comparison of different chemometrics approaches for the robust classification of electronic nose data. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7581-7590.	3.7	63
21	Influence of Missing Values Substitutes on Multivariate Analysis of Metabolomics Data. <i>Metabolites</i> , 2014, 4, 433-452.	2.9	158