

Jacek Biesiada

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,728
citations

304743

22
h-index

276875

41
g-index

53
all docs

53
docs citations

53
times ranked

5176
citing authors

#	ARTICLE	IF	CITATIONS
1	VHL-Regulated MiR-204 Suppresses Tumor Growth through Inhibition of LC3B-Mediated Autophagy in Renal Clear Cell Carcinoma. <i>Cancer Cell</i> , 2012, 21, 532-546.	16.8	290
2	TRPM3 and miR-204 Establish a Regulatory Circuit that Controls Oncogenic Autophagy in Clear Cell Renal Cell Carcinoma. <i>Cancer Cell</i> , 2014, 26, 738-753.	16.8	156
3	Rotavirus VP8*: Phylogeny, Host Range, and Interaction with Histo-Blood Group Antigens. <i>Journal of Virology</i> , 2012, 86, 9899-9910.	3.4	152
4	An Organoid-Based Preclinical Model of Human Gastric Cancer. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 161-184.	4.5	97
5	Feature Selection for High-Dimensional Data – A Pearson Redundancy Based Filter. <i>Advances in Intelligent and Soft Computing</i> , 2007, , 242-249.	0.2	91
6	Comprehensive microRNA-sequencing of exosomes derived from head and neck carcinoma cells <i>in vitro</i> reveals common secretion profiles and potential utility as salivary biomarkers. <i>Oncotarget</i> , 2017, 8, 82459-82474.	1.8	80
7	Ah Receptor Activation by Dioxin Disrupts Activin, BMP, and WNT Signals During the Early Differentiation of Mouse Embryonic Stem Cells and Inhibits Cardiomyocyte Functions. <i>Toxicological Sciences</i> , 2016, 149, 346-357.	3.1	54
8	Rational Design of Small Molecule Inhibitors Targeting the Rac GTPase-p67 Signaling Axis in Inflammation. <i>Chemistry and Biology</i> , 2012, 19, 228-242.	6.0	53
9	Rational Design of Small Molecule Inhibitors Targeting the Ras GEF, SOS1. <i>Chemistry and Biology</i> , 2014, 21, 1618-1628.	6.0	53
10	Balancing yield, purity and practicality: a modified differential ultracentrifugation protocol for efficient isolation of small extracellular vesicles from human serum. <i>RNA Biology</i> , 2019, 16, 5-12.	3.1	52
11	Survey of public domain software for docking simulations and virtual screening. <i>Human Genomics</i> , 2011, 5, 497.	2.9	48
12	Targeting substrate-site in Jak2 kinase prevents emergence of genetic resistance. <i>Scientific Reports</i> , 2015, 5, 14538.	3.3	45
13	Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult. <i>PLoS ONE</i> , 2015, 10, e0142440.	2.5	42
14	CD44 variant isoform 9 emerges in response to injury and contributes to the regeneration of the gastric epithelium. <i>Journal of Pathology</i> , 2017, 242, 463-475.	4.5	41
15	Feature Selection for High-Dimensional Data: A Kolmogorov-Smirnov Correlation-Based Filter. <i>Advances in Soft Computing</i> , 2005, , 95-103.	0.4	35
16	Clustering of maternal–fetal clinical conditions and outcomes and placental lesions. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 493.e1-493.e8.	1.3	33
17	Significant variation between SNP-based HLA imputations in diverse populations: the last mile is the hardest. <i>Pharmacogenomics Journal</i> , 2018, 18, 367-376.	2.0	32
18	Sensitivity and specificity of finding of multinucleate trophoblastic giant cells in decidua in placentas from high-risk pregnancies. <i>Human Pathology</i> , 2012, 43, 261-268.	2.0	28

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19	The congenital diaphragmatic hernia composite prognostic index correlates with survival in left-sided congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2012, 47, 57-62.	1.6	28
20	Differential expression and prognostic value of long non-coding RNA in HPV-negative head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2018, 40, 1555-1564.	2.0	28
21	Combined Rational Design and a High Throughput Screening Platform for Identifying Chemical Inhibitors of a Ras-activating Enzyme. <i>Journal of Biological Chemistry</i> , 2015, 290, 12879-12898.	3.4	27
22	von Hippel-Lindau-Dependent Patterns of RNA Polymerase II Hydroxylation in Human Renal Clear Cell Carcinomas. <i>Clinical Cancer Research</i> , 2010, 16, 5142-5152.	7.0	26
23	Genetic risk signatures of opioid-induced respiratory depression following pediatric tonsillectomy. <i>Pharmacogenomics</i> , 2014, 15, 1749-1762.	1.3	26
24	Relation of placental diagnosis in stillbirth to fetal maceration and gestational age at delivery. <i>Journal of Perinatal Medicine</i> , 2014, 42, 457-471.	1.4	23
25	Folliculin Contributes to VHL Tumor Suppressing Activity in Renal Cancer through Regulation of Autophagy. <i>PLoS ONE</i> , 2013, 8, e70030.	2.5	23
26	Clustering and classical analysis of clinical and placental phenotypes in fetal growth restriction and constitutional fetal smallness. <i>Placenta</i> , 2016, 42, 93-105.	1.5	21
27	Chromium disrupts chromatin organization and CTCF access to its cognate sites in promoters of differentially expressed genes. <i>Epigenetics</i> , 2018, 13, 363-375.	2.7	21
28	Clinicoplacental phenotypes vary with gestational age: an analysis by classical and clustering methods. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 392-398.	2.8	18
29	Low-Dose Bisphenol A in a Rat Model of Endometrial Cancer: A CLARITY-BPA Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127005.	6.0	15
30	A molecular dynamics study of fullerene-carbon monoxide mixture. <i>Journal of Molecular Structure</i> , 2004, 704, 269-273.	3.6	14
31	Tobacco smoking induces metabolic reprogramming of renal cell carcinoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	14
32	The Utility of a Composite Index for the Evaluation of Ovarian Torsion. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 136-140.	1.3	11
33	Comparability of the small RNA secretome across human biofluids concomitantly collected from healthy adults. <i>PLoS ONE</i> , 2020, 15, e0229976.	2.5	11
34	Dioxin Disrupts Dynamic DNA Methylation Patterns in Genes That Govern Cardiomyocyte Maturation. <i>Toxicological Sciences</i> , 2020, 178, 325-337.	3.1	7
35	Infosel++: Information Based Feature Selection C++ Library. <i>Lecture Notes in Computer Science</i> , 2010, , 388-396.	1.3	6
36	Prenatal exposure to PCBs in Cyp1a2 knock-out mice interferes with F1 fertility, impairs long-term potentiation, reduces acoustic startle and impairs conditioned freezing contextual memory with minimal transgenerational effects. <i>Journal of Applied Toxicology</i> , 2019, 39, 603-621.	2.8	4

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37	IODVA1, a guanidinobenzimidazole derivative, targets Rac activity and Ras-driven cancer models. PLoS ONE, 2020, 15, e0229801.	2.5	4
38	A Kolmogorov-Smirnov Correlation-Based Filter for Microarray Data. Lecture Notes in Computer Science, 2007, , 285-294.	1.3	4
39	On Setting Up and Assessing Docking Simulations for Virtual Screening. Methods in Molecular Biology, 2012, 928, 1-16.	0.9	3
40	Comprehensive mapping of the methylation landscape of 16 CpG-dense regions in oral and pharyngeal squamous cell carcinoma. Epigenomics, 2019, 11, 987-1002.	2.1	3
41	Hexavalent chromium promotes differential binding of CTCF to its cognate sites in Euchromatin. Epigenetics, 2021, 16, 1-16.	2.7	3
42	s-Wave vs.d -Wave Superconductivity in the Two-Dimensional Hubbard Model. Journal of Superconductivity and Novel Magnetism, 1997, 10, 513-517.	0.5	2
43	Superconductivity Within the Pair-Tunneling Model Close to the Metal-Insulator Transition. Journal of Superconductivity and Novel Magnetism, 1998, 11, 667-671.	0.5	1
44	Phonon-Induced Superconductivity and the Staggered Magnetic Field on a Square Lattice. Journal of Superconductivity and Novel Magnetism, 2000, 13, 479-483.	0.5	1
45	Ultra-Deep Genomic Sequencing of HCV NS5A Resistance-Associated Substitutions in HCV/HIV Coinfected Patients. Digestive Diseases and Sciences, 2018, 63, 645-652.	2.3	1
46	Information Theory vs. Correlation Based Feature Ranking Methods in Application to Metallurgical Problem Solving. Lecture Notes in Computer Science, 2010, , 289-298.	1.3	0
47	Toward Pediatric Precision Medicine: Examples of Genomics-Based Stratification Strategies. Translational Bioinformatics, 2016, , 339-361.	0.0	0
48	Abstract 961: Comprehensive catalog of culture-derived exosomal microRNA cargo from 4 discrete head and neck carcinoma cell lines. , 2016, , .		0
49	IODVA1, a guanidinobenzimidazole derivative, targets Rac activity and Ras-driven cancer models. , 2020, 15, e0229801.		0
50	IODVA1, a guanidinobenzimidazole derivative, targets Rac activity and Ras-driven cancer models. , 2020, 15, e0229801.		0
51	IODVA1, a guanidinobenzimidazole derivative, targets Rac activity and Ras-driven cancer models. , 2020, 15, e0229801.		0
52	IODVA1, a guanidinobenzimidazole derivative, targets Rac activity and Ras-driven cancer models. , 2020, 15, e0229801.		0