

Aaron D Bossler

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,328
citations

430874

18
h-index

361022

35
g-index

44
all docs

44
docs citations

44
times ranked

2634
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligodeoxynucleotide CpG 7909 Delivered as Intravenous Infusion Demonstrates Immunologic Modulation in Patients With Previously Treated Non-Hodgkin Lymphoma. <i>Journal of Immunotherapy</i> , 2006, 29, 558-568.	2.4	145
2	Novel mutations in <i>ENG</i> and <i>ACVRL1</i> identified in a series of 200 individuals undergoing clinical genetic testing for hereditary hemorrhagic telangiectasia (HHT): correlation of genotype with phenotype. <i>Human Mutation</i> , 2006, 27, 667-675.	2.5	136
3	Evaluation of the Bruker Biotyper and Vitek MS Matrix-Assisted Laser Desorption Ionization "Time of Flight Mass Spectrometry Systems for Identification of Nonfermenting Gram-Negative Bacilli Isolated from Cultures from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2034-2039.	3.9	118
4	The PDZ Binding Motif of Human Papillomavirus Type 16 E6 Induces PTPN13 Loss, Which Allows Anchorage-Independent Growth and Synergizes with Ras for Invasive Growth. <i>Journal of Virology</i> , 2008, 82, 2493-2500.	3.4	116
5	An international effort towards developing standards for best practices in analysis, interpretation and reporting of clinical genome sequencing results in the CLARITY Challenge. <i>Genome Biology</i> , 2014, 15, R53.	9.6	101
6	Genomic Sequencing Procedure Microcosting Analysis and Health Economic Cost-Impact Analysis. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 319-328.	2.8	77
7	Anchored multiplex PCR for targeted next-generation sequencing reveals recurrent and novel <i>USP6</i> fusions and upregulation of <i>USP6</i> expression in aneurysmal bone cyst. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 266-277.	2.8	61
8	TRAPPC11 and GOSR2 mutations associate with hypoglycosylation of β -dystroglycan and muscular dystrophy. <i>Skeletal Muscle</i> , 2018, 8, 17.	4.2	47
9	Deletion of the PDZ motif of HPV16 E6 preventing immortalization and anchorage-independent growth in human tonsil epithelial cells. <i>Head and Neck</i> , 2008, 30, 139-147.	2.0	45
10	Targeting epigenetics for treatment of BRAF mutated metastatic melanoma with decitabine in combination with vemurafenib: A phase Ib study. <i>Oncotarget</i> , 2017, 8, 89182-89193.	1.8	33
11	Validation of Optical Genome Mapping for the Molecular Diagnosis of Facioscapulohumeral Muscular Dystrophy. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1506-1514.	2.8	32
12	Human Papillomavirus (HPV) Type 18 Induces Extended Growth in Primary Human Cervical, Tonsillar, or Foreskin Keratinocytes More Effectively than Other High-Risk Mucosal HPVs. <i>Journal of Virology</i> , 2009, 83, 11784-11794.	3.4	29
13	Genomics of NSCLC patients both affirm PD-L1 expression and predict their clinical responses to anti-PD-1 immunotherapy. <i>BMC Cancer</i> , 2018, 18, 225.	2.6	28
14	The NAB2-STAT6 gene fusion in solitary fibrous tumor can be reliably detected by anchored multiplexed PCR for targeted next-generation sequencing. <i>Cancer Genetics</i> , 2016, 209, 303-312.	0.4	27
15	A simple and cost-effective method of DNA extraction from small formalin-fixed paraffin-embedded tissue for molecular oncologic testing. <i>BMC Clinical Pathology</i> , 2014, 14, 30.	1.8	23
16	A novel t(3;8)(q27;q24.1) simultaneously involving both the BCL6 and MYC genes in a diffuse large B-cell lymphoma. <i>Cancer Genetics and Cytogenetics</i> , 2007, 172, 45-53.	1.0	21
17	Interferon-beta treatment increases human papillomavirus early gene transcription and viral plasmid genome replication by activating interferon regulatory factor (IRF)-1. <i>Carcinogenesis</i> , 2009, 30, 1336-1344.	2.8	21
18	<i>BCR-NTRK2</i> fusion in a low-grade glioma with distinctive morphology and unexpected aggressive behavior. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a003855.	1.2	19

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19	Melanoma cells undergo aggressive coalescence in a 3D Matrigel model that is repressed by anti-CD44. PLoS ONE, 2017, 12, e0173400.	2.5	18
20	Simultaneous detection of single-nucleotide variant, deletion/insertion, and fusion in lung and thyroid carcinoma using cytology specimen and an RNA-based next-generation sequencing assay. Cancer Cytopathology, 2018, 126, 158-169.	2.4	18
21	PTCH1-GLI1 Fusion-Positive Ovarian Tumor: Report of a Unique Case With Response to Tyrosine Kinase Inhibitor Pazopanib. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 998-1004.	4.9	18
22	CLIA Laboratory Testing for Facioscapulohumeral Dystrophy. Neurology, 2021, 96, e1054-e1062.	1.1	18
23	A Phase I/II Study Targeting Angiogenesis Using Bevacizumab Combined with Chemotherapy and a Histone Deacetylase Inhibitor (Valproic Acid) in Advanced Sarcomas. Cancers, 2018, 10, 53.	3.7	16
24	Germline mutations predisposing to non-small cell lung cancer. Familial Cancer, 2015, 14, 463-469.	1.9	15
25	Durable Clinical Benefit in Patients with Advanced Cutaneous Melanoma after Discontinuation of Anti-PD-1 Therapies Due to Immune-Related Adverse Events. Journal of Oncology, 2019, 2019, 1-7.	1.3	15
26	Coactivation of NF- κ B and Notch signaling is sufficient to induce B-cell transformation and enables B-myeloid conversion. Blood, 2020, 135, 108-120.	1.4	14
27	Exceptional responses with sequential metronomic temozolomide after pembrolizumab failure in patients with metastatic melanoma. Melanoma Research, 2019, 29, 643-647.	1.2	13
28	Performance of the COBAS [®] AmpliPrep/COBAS TaqMan [®] automated system for hepatitis C virus (HCV) quantification in a multi-center comparison. Journal of Clinical Virology, 2011, 50, 100-103.	3.1	12
29	Muscle-Eye-Brain Disease. Journal of Clinical Neuromuscular Disease, 2010, 11, 124-126.	0.7	11
30	Multivariable Analysis of 169 Cases of Advanced Cutaneous Melanoma to Evaluate Antibiotic Exposure as Predictor of Survival to Anti-PD-1 Based Immunotherapies. Antibiotics, 2020, 9, 740.	3.7	11
31	Toxicities with targeted therapies after immunotherapy in metastatic melanoma. Melanoma Research, 2018, 28, 600-604.	1.2	10
32	Leukemic Transdifferentiation of Follicular Lymphoma Into an Acute Histiocytic Leukemia in a 52-Year-Old Caucasian Woman. Laboratory Medicine, 2016, 47, 155-157.	1.2	9
33	Urothelial carcinoma with an <i>NRF1-BRAF</i> rearrangement and response to targeted therapy. Journal of Physical Education and Sports Management, 2019, 5, a003848.	1.2	9
34	Exploration of PCORnet Data Resources for Assessing Use of Molecular-Guided Cancer Treatment. JCO Clinical Cancer Informatics, 2020, 4, 724-735.	2.1	8
35	Pharmacological ascorbate improves the response to platinum-based chemotherapy in advanced stage non-small cell lung cancer. Redox Biology, 2022, 53, 102318.	9.0	8
36	Melanoma Brain Metastases in the Era of Targeted Therapy and Checkpoint Inhibitor Therapy. Cancers, 2021, 13, 1489.	3.7	7

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37	Biallelic TP53 gain of function mutations in rapidly progressing solid tumors. <i>Cancer Genetics</i> , 2018, 222-223, 20-24.	0.4	6
38	Conventional and Real-Time Polymerase Chain Reaction. , 2009, , 33-49.		4
39	OUP accepted manuscript. <i>American Journal of Clinical Pathology</i> , 2022, , .	0.7	4
40	CLL dedifferentiation to clonally related myeloid cells. <i>Blood Advances</i> , 2020, 4, 6169-6174.	5.2	1
41	Monocytes Exposed to Immune Complexes Reduce pDC Type 1 Interferon Response to Vidutolimod. <i>Vaccines</i> , 2021, 9, 982.	4.4	0