

Jeffrey W Brown

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

336
citations

933447

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32
all docs

32
docs citations

32
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Model of the Microvillar Cytoskeleton and Organization of the Brush Border. <i>PLoS ONE</i> , 2010, 5, e9406.	2.5	53
2	A Dedicated Evolutionarily Conserved Molecular Network Licenses Differentiated Cells to Return to the Cell Cycle. <i>Developmental Cell</i> , 2020, 55, 178-194.e7.	7.0	46
3	Cross Validation of the Monoclonal Antibody Das-1 in Identification of High-Risk Mucinous Pancreatic Cystic Lesions. <i>Gastroenterology</i> , 2019, 157, 720-730.e2.	1.3	44
4	The Physiological Molecular Shape of Spectrin: A Compact Supercoil Resembling a Chinese Finger Trap. <i>PLoS Computational Biology</i> , 2015, 11, e1004302.	3.2	30
5	Paligenosis: Cellular Remodeling During Tissue Repair. <i>Annual Review of Physiology</i> , 2022, 84, 461-483.	13.1	20
6	ATF3 induces RAB7 to govern autodegradation in paligenosis, a conserved cell plasticity program. <i>EMBO Reports</i> , 2021, 22, e51806.	4.5	17
7	How to Arm a Supravillin: Designing F-Actin Binding Activity into Supravillin Headpiece. <i>Journal of Molecular Biology</i> , 2009, 393, 608-618.	4.2	16
8	The Allosteric Mechanism Induced by Protein Kinase A (PKA) Phosphorylation of Dematin (Band 4.9). <i>Journal of Biological Chemistry</i> , 2013, 288, 8313-8320.	3.4	16
9	A Role for Salivary Peptides in the Innate Defense Against Enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2018, 217, 1435-1441.	4.0	13
10	A novel missense HGD gene mutation, K57N, in a patient with alkaptonuria. <i>Clinica Chimica Acta</i> , 2009, 403, 254-256.	1.1	11
11	Surface Tensiometry of Apolipoprotein B Domains at Lipid Interfaces Suggests a New Model for the Initial Steps in Triglyceride-rich Lipoprotein Assembly. <i>Journal of Biological Chemistry</i> , 2014, 289, 9000-9012.	3.4	10
12	Implantable synthetic organoid matrices for intestinal regeneration. <i>Nature Cell Biology</i> , 2017, 19, 1307-1308.	10.3	9
13	Molecular Structure and Conformation of Chloronitromethane as Determined by Gas-Phase Electron Diffraction and Theoretical Calculations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7491-7495.	2.5	8
14	mAb Das-1 identifies pancreatic ductal adenocarcinoma and high-grade pancreatic intraepithelial neoplasia with high accuracy. <i>Human Pathology</i> , 2021, 111, 36-44.	2.0	7
15	Tropism of Severe Acute Respiratory Syndrome Coronavirus 2 for Barrett's Esophagus May Increase Susceptibility to Developing Coronavirus Disease 2019. <i>Gastroenterology</i> , 2021, 160, 2165-2168.e4.	1.3	6
16	mAb Das-1 recognizes 3'-Sulfated Lewis A/C, which is aberrantly expressed during metaplastic and oncogenic transformation of several gastrointestinal Epithelia. <i>PLoS ONE</i> , 2021, 16, e0261082.	2.5	5
17	Identifying competitive protein antagonists for F-actin with reverse-phase high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 2010, 398, 117-119.	2.4	4
18	On Unsatisfied Hydrogen Bonds in the N-Terminal Subdomain of Villin Headpiece. <i>Journal of Molecular Biology</i> , 2011, 413, 543-547.	4.2	4

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19	Measuring cognitive-motor integration to detect prolonged performance declines post-concussion. British Journal of Sports Medicine, 2017, 51, A41.2-A41.	6.7	4
20	On the unyielding hydrophobic core of villin headpiece. Protein Science, 2012, 21, 647-654.	7.6	3
21	Do Consultants Follow Up on Tests They Recommend? Insights from an Academic Inpatient Gastrointestinal Consult Service. Digestive Diseases and Sciences, 2017, 62, 1448-1454.	2.3	3
22	Barriers to Outpatient Respiratory Therapy Among Adult Residents of Emergency Shelters. Annals of Internal Medicine, 2012, 157, 679.	3.9	2
23	368 3â€™-SULFATED LEWIS A IS A BIOMARKER FOR METAPLASTIC AND CARCINOMATOUS TRANSFORMATION OF SEVERAL GASTROINTESTINAL EPITHELIA. Gastroenterology, 2021, 160, S-71.	1.3	2
24	Su1075 Development of a High Resolution Esophageal Manometry (HREM) Training System Identifies Significant Variation in HREM Learning Curves. Gastroenterology, 2016, 150, S460-S461.	1.3	1
25	420 â€œ Cathartocytosis, a Novel Cellular Process Essential for Metaplastic Dedifferentiation. Gastroenterology, 2019, 156, S-82.	1.3	1
26	A Near Atomic Resolution Model of the Microvillus and the Organization of the Brush Border. Biophysical Journal, 2009, 96, 210a.	0.5	0
27	Do Consultants Follow-Up on Tests They Recommend? Insights From an Academic Inpatient Gastrointestinal Consult Service. Gastroenterology, 2016, 151, 199.	1.3	0
28	725 Do Consultants Follow Up on Tests They Recommend? Insights from an Academic Inpatient GI Consult Service. Gastroenterology, 2016, 150, S146.	1.3	0
29	A Role for Salivary Peptides in the Defense Against Enterotoxigenic Escherichia Coli. Gastroenterology, 2017, 152, S807.	1.3	0
30	Gut check: can other microbes or communities phenocopy H. pyloriâ€™s early gastric pathology?. Gut, 2021, , gutjnl-2021-325749.	12.1	0