

William G Walton

List of Publications by Year in descending order

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13
papers

871
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant <i>â€œhelperâ€</i> immune receptors are Ca ²⁺ -permeable nonselective cation channels. <i>Science</i> , 2021, 373, 420-425.	12.6	217
2	An Atlas of β -Glucuronidases in the Human Intestinal Microbiome. <i>Structure</i> , 2017, 25, 967-977.e5.	3.3	172
3	Targeted inhibition of gut bacterial β -glucuronidase activity enhances anticancer drug efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7374-7381.	7.1	121
4	Structure, function, and inhibition of drug reactivating human gut microbial β -glucuronidases. <i>Scientific Reports</i> , 2019, 9, 825.	3.3	66
5	Gut Microbial β -Glucuronidase Inhibition via Catalytic Cycle Interception. <i>ACS Central Science</i> , 2018, 4, 868-879.	11.3	52
6	Structural basis for the regulation of β -glucuronidase expression by human gut Enterobacteriaceae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E152-E161.	7.1	46
7	Targeting Regorafenib-Induced Toxicity through Inhibition of Gut Microbial β -Glucuronidases. <i>ACS Chemical Biology</i> , 2019, 14, 2737-2744.	3.4	41
8	Identification of BPIFA1/SPLUNC1 as an epithelium-derived smooth muscle relaxing factor. <i>Nature Communications</i> , 2017, 8, 14118.	12.8	39
9	Mouse Gut Microbiome-Encoded β -Glucuronidases Identified Using Metagenome Analysis Guided by Protein Structure. <i>MSystems</i> , 2019, 4, .	3.8	34
10	SPLUNC1 is an allosteric modulator of the epithelial sodium channel. <i>FASEB Journal</i> , 2018, 32, 2478-2491.	0.5	33
11	Structural Insights into Endobiotic Reactivation by Human Gut Microbiome-Encoded Sulfatases. <i>Biochemistry</i> , 2020, 59, 3939-3950.	2.5	29
12	Discovery and Characterization of FMN-Binding β -Glucuronidases in the Human Gut Microbiome. <i>Journal of Molecular Biology</i> , 2019, 431, 970-980.	4.2	18
13	Identification of Specific and Nonspecific Inhibitors of <i>Bacillus anthracis</i> Type...III Pantothenate Kinase (PanK). <i>ChemMedChem</i> , 2019, 14, 78-82.	3.2	3