Julie E Pickett

List of Publications by Year
in descending order

18	568	759233 12	888059 17
papers	citations	h-index	g-index

18	18	18	671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds. Nature, 2022, 601, 452-459.	27.8	153
2	Fatty acid oxidation by the osteoblast is required for normal bone acquisition in a sex- and diet-dependent manner. JCI Insight, 2017, 2, .	5.0	84
3	Quantifying CDK inhibitor selectivity in live cells. Nature Communications, 2020, 11, 2743.	12.8	64
4	Development of a potent and selective chemical probe for the pleiotropic kinase CK2. Cell Chemical Biology, 2021, 28, 546-558.e10.	5.2	62
5	SGC-AAK1-1: A Chemical Probe Targeting AAK1 and BMP2K. ACS Medicinal Chemistry Letters, 2020, 11, 340-345.	2.8	35
6	Molecularly specific detection of bacterial lipoteichoic acid for diagnosis of prosthetic joint infection of the bone. Bone Research, 2018, 6, 13.	11.4	29
7	Noninvasive optical and nuclear imaging of Staphylococcus-specific infection with a human monoclonal antibody-based probe. Virulence, 2018, 9, 262-272.	4.4	27
8	Mouse model of Gram-negative prosthetic joint infection reveals therapeutic targets. JCI Insight, 2018, 3, .	5.0	25
9	Identification of Pyrimidine-Based Lead Compounds for Understudied Kinases Implicated in Driving Neurodegeneration. Journal of Medicinal Chemistry, 2022, 65, 1313-1328.	6.4	20
10	A Chemical Probe for Dark Kinase STK17B Derives Its Potency and High Selectivity through a Unique P-Loop Conformation. Journal of Medicinal Chemistry, 2020, 63, 14626-14646.	6.4	17
11	Non-canonical role of Hippo tumor suppressor serine/threonine kinase 3 STK3 in prostate cancer. Molecular Therapy, 2022, 30, 485-500.	8.2	17
12	Towards the Development of an In vivo Chemical Probe for Cyclin G Associated Kinase (GAK). Molecules, 2019, 24, 4016.	3.8	16
13	Temozolomide-induced guanine mutations create exploitable vulnerabilities of guanine-rich DNA and RNA regions in drug-resistant gliomas. Science Advances, 2022, 8, .	10.3	7
14	Towards a RIOK2 chemical probe: cellular potency improvement of a selective 2-(acylamino)pyridine series. RSC Medicinal Chemistry, 2021, 12, 129-136.	3.9	3
15	Design, Synthesis, and Characterization of [¹⁸F]mG2P026 as a High-Contrast PET Imaging Ligand for Metabotropic Glutamate Receptor 2. Journal of Medicinal Chemistry, 2022, 65, 9939-9954.	6.4	3
16	Predilection for developing a hematogenous orthopaedic implant-associated infection in older versus younger mice. Journal of Orthopaedic Surgery and Research, 2021, 16, 556.	2.3	2
17	Synthesis and Characterization of 5-(2-Fluoro-4-[¹¹C]methoxyphenyl)-2,2-dimethyl-3,4-dihydro-2H-pyrano[2,3-b]pyridine-7-carboxamide as a PET Imaging Ligand for Metabotropic Glutamate Receptor 2. Journal of Medicinal Chemistry, 2022, 65, 2593-2609.	6.4	2
18	Identification of 4â€anilinoâ€quin(az)oline as a cell active Protein Kinase Novel 3 (PKN3) inhibitor chemotype. ChemMedChem, 2022, , .	3.2	2