

Karunakaran A Kalesh

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,147
citations

471061

17
h-index

525886

27
g-index

34
all docs

34
docs citations

34
times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-Wide Identification of Coding and Noncoding RNA-Binding Proteins Defines the Comprehensive RNA Interactome of <i>Leishmania mexicana</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0242221.	1.2	8
2	Affinity-based proteomics reveals novel targets of inositol pyrophosphate (5-IP ₇)-dependent phosphorylation and binding in <i>Trypanosoma cruzi</i> replicative stages. <i>Molecular Microbiology</i> , 2021, 115, 986-1004.	1.2	5
3	Quantitative Proteomics Reveals that Hsp90 Inhibition Dynamically Regulates Global Protein Synthesis in <i>Leishmania mexicana</i> . <i>MSystems</i> , 2021, 6, .	1.7	10
4	Antileishmanial Drug Development: A Review of Modern Molecular Chemical Tools and Research Strategies. <i>Current Medicinal Chemistry</i> , 2021, 28, 6337-6357.	1.2	1
5	Detectives and helpers: Natural products as resources for chemical probes and compound libraries. , 2020, 216, 107688.		11
6	Defeating the trypanosomatid trio: proteomics of the protozoan parasites causing neglected tropical diseases. <i>RSC Medicinal Chemistry</i> , 2020, 11, 625-645.	1.7	18
7	How can proteomics overhaul our understanding of <i>Leishmania</i> biology?. <i>Expert Review of Proteomics</i> , 2020, 17, 789-792.	1.3	2
8	The Quest for Novel Antimicrobial Compounds: Emerging Trends in Research, Development, and Technologies. <i>Antibiotics</i> , 2019, 8, 8.	1.5	67
9	An Integrated Chemical Proteomics Approach for Quantitative Profiling of Intracellular ADP-Ribosylation. <i>Scientific Reports</i> , 2019, 9, 6655.	1.6	26
10	A BONCAT-iTRAQ method enables temporally resolved quantitative profiling of newly synthesised proteins in <i>Leishmania mexicana</i> parasites during starvation. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007651.	1.3	10
11	The Medicinal Chemistry of Therapeutic Peptides: Recent Developments in Synthesis and Design Optimizations. <i>Current Medicinal Chemistry</i> , 2019, 26, 2330-2355.	1.2	12
12	Competition-based, quantitative chemical proteomics in breast cancer cells identifies new target profiles for sulforaphane. <i>Chemical Communications</i> , 2017, 53, 5182-5185.	2.2	30
13	Artemisinin as an anticancer drug: Recent advances in target profiling and mechanisms of action. <i>Medicinal Research Reviews</i> , 2017, 37, 1492-1517.	5.0	178
14	Recent Advances in Synthesis and Identification of Cyclic Peptides for Bioapplications. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 2302-2318.	1.0	28
15	A capillary electrophoresis method to explore the self-assembly of a novel polypeptide ligand with quantum dots. <i>Electrophoresis</i> , 2016, 37, 2156-2162.	1.3	20
16	Target identification of natural and traditional medicines with quantitative chemical proteomics approaches. , 2016, 162, 10-22.		93
17	Target profiling of zerumbone using a novel cell-permeable clickable probe and quantitative chemical proteomics. <i>Chemical Communications</i> , 2015, 51, 5497-5500.	2.2	26
18	Global profiling of protein lipidation using chemical proteomic technologies. <i>Current Opinion in Chemical Biology</i> , 2015, 24, 48-57.	2.8	90

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19	A succinyl lysine-based photo-cross-linking peptide probe for Sirtuin 5. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4310-4313.	1.5	10
20	Key cell signaling pathways modulated by zerumbone: Role in the prevention and treatment of cancer. <i>Biochemical Pharmacology</i> , 2012, 84, 1268-1276.	2.0	125
21	Synthesis of 2,3,5-trisubstituted furans from $\hat{I}\pm$ -formylaroylketene dithioacetals. <i>Tetrahedron Letters</i> , 2011, 52, 1667-1669.	0.7	15
22	Peptide-based activity-based probes (ABPs) for target-specific profiling of proteintyrosine phosphatases (PTPs). <i>Chemical Communications</i> , 2010, 46, 589-591.	2.2	51
23	The use of click chemistry in the emerging field of catalomics. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1749.	1.5	54
24	Small molecule probes that target Ablkinase. <i>Chemical Communications</i> , 2010, 46, 1118-1120.	2.2	33
25	High-throughput synthesis of azide libraries suitable for direct \hat{a} click \hat{a} chemistry and in situ screening. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1821.	1.5	56
26	High-Throughput Discovery of Mycobacterium tuberculosis Protein Tyrosine Phosphatase B (MptpB) Inhibitors Using Click Chemistry. <i>Organic Letters</i> , 2009, 11, 5102-5105.	2.4	64
27	Rapid synthesis of Abelson tyrosine kinase inhibitors using click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 5129.	1.5	38
28	An Improved Mechanism-Based Cross-Linker for Multiplexed Kinase Detection and Inhibition in a Complex Proteome. <i>ChemBioChem</i> , 2008, 9, 1883-1888.	1.3	15
29	Methods of using click chemistry in the discovery of enzyme inhibitors. <i>Nature Protocols</i> , 2007, 2, 2655-2664.	5.5	47
30	Discovery of Leishmania Druggable Serine Proteases by Activity-Based Protein Profiling. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4