

Darren J Creek

List of Publications by Year in descending order

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128
papers

6,533
citations

61984

43
h-index

79698

73
g-index

140
all docs

140
docs citations

140
times ranked

8429
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass appeal: metabolite identification in mass spectrometry-focused untargeted metabolomics. <i>Metabolomics</i> , 2013, 9, 44-66.	3.0	452
2	Synthetic ozonide drug candidate OZ439 offers new hope for a single-dose cure of uncomplicated malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4400-4405.	7.1	332
3	Toward Global Metabolomics Analysis with Hydrophilic Interaction Liquid Chromatographyâ€“Mass Spectrometry: Improved Metabolite Identification by Retention Time Prediction. <i>Analytical Chemistry</i> , 2011, 83, 8703-8710.	6.5	326
4	IDEOM: an Excel interface for analysis of LCâ€“MS-based metabolomics data. <i>Bioinformatics</i> , 2012, 28, 1048-1049.	4.1	307
5	Metabolite identification: are you sure? And how do your peers gauge your confidence?. <i>Metabolomics</i> , 2014, 10, 350-353.	3.0	205
6	Evaluation of Coupling Reversed Phase, Aqueous Normal Phase, and Hydrophilic Interaction Liquid Chromatography with Orbitrap Mass Spectrometry for Metabolomic Studies of Human Urine. <i>Analytical Chemistry</i> , 2012, 84, 1994-2001.	6.5	176
7	Stable isotope-labeling studies in metabolomics: new insights into structure and dynamics of metabolic networks. <i>Bioanalysis</i> , 2014, 6, 511-524.	1.5	171
8	A Molecular Mechanism for Eflornithine Resistance in African Trypanosomes. <i>PLoS Pathogens</i> , 2010, 6, e1001204.	4.7	155
9	Stable Isotope-Assisted Metabolomics for Network-Wide Metabolic Pathway Elucidation. <i>Analytical Chemistry</i> , 2012, 84, 8442-8447.	6.5	132
10	Probing the Metabolic Network in Bloodstream-Form <i>Trypanosoma brucei</i> Using Untargeted Metabolomics with Stable Isotope Labelled Glucose. <i>PLoS Pathogens</i> , 2015, 11, e1004689.	4.7	128
11	BCKDH: The Missing Link in Apicomplexan Mitochondrial Metabolism Is Required for Full Virulence of <i>Toxoplasma gondii</i> and <i>Plasmodium berghei</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004263.	4.7	115
12	<i>Acinetobacter baumannii</i> phenylacetic acid metabolism influences infection outcome through a direct effect on neutrophil chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9599-9604.	7.1	109
13	Relationship between Antimalarial Activity and Heme Alkylation for Spiro- and Dispiro-1,2,4-Trioxolane Antimalarials. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1291-1296.	3.2	104
14	Untargeted Metabolomics Reveals a Lack Of Synergy between Nifurtimox and Eflornithine against <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1618.	3.0	101
15	The Structure~Activity Relationship of the Antimalarial Ozonide Arterolane (OZ277). <i>Journal of Medicinal Chemistry</i> , 2010, 53, 481-491.	6.4	99
16	Iron and heme metabolism in <i>Plasmodium falciparum</i> and the mechanism of action of artemisinins. <i>Current Opinion in Microbiology</i> , 2013, 16, 722-727.	5.1	99
17	<i>Plasmodium falciparum</i> parasites deploy RhopH2 into the host erythrocyte to obtain nutrients, grow and replicate. <i>ELife</i> , 2017, 6, .	6.0	96
18	mzMatchâ€“ISO: an R tool for the annotation and relative quantification of isotope-labelled mass spectrometry data. <i>Bioinformatics</i> , 2013, 29, 281-283.	4.1	91

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19	Benznidazole Biotransformation and Multiple Targets in <i>Trypanosoma cruzi</i> Revealed by Metabolomics. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2844.	3.0	90
20	Untargeted metabolomics analysis reveals key pathways responsible for the synergistic killing of colistin and doripenem combination against <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2017, 7, 45527.	3.3	89
21	Metabolomics Guides Rational Development of a Simplified Cell Culture Medium for Drug Screening against <i>Trypanosoma brucei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2768-2779.	3.2	88
22	Multi-omics Based Identification of Specific Biochemical Changes Associated With PfKelch13-Mutant Artemisinin-Resistant <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , 2017, 215, 1435-1444.	4.0	84
23	Metabolomics-Based Screening of the Malaria Box Reveals both Novel and Established Mechanisms of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6650-6663.	3.2	82
24	Stage-Specific Changes in <i>Plasmodium</i> Metabolism Required for Differentiation and Adaptation to Different Host and Vector Environments. <i>PLoS Pathogens</i> , 2016, 12, e1006094.	4.7	82
25	Discovery and Validation of Clinical Biomarkers of Cancer: A Review Combining Metabolomics and Proteomics. <i>Proteomics</i> , 2019, 19, e1700448.	2.2	73
26	Metabolic Dysregulation Induced in <i>Plasmodium falciparum</i> by Dihydroartemisinin and Other Front-Line Antimalarial Drugs. <i>Journal of Infectious Diseases</i> , 2016, 213, 276-286.	4.0	71
27	Restriction of essential amino acids dictates the systemic metabolic response to dietary protein dilution. <i>Nature Communications</i> , 2020, 11, 2894.	12.8	71
28	Host Reticulocytes Provide Metabolic Reservoirs That Can Be Exploited by Malaria Parasites. <i>PLoS Pathogens</i> , 2015, 11, e1004882.	4.7	67
29	An oncogenic role for sphingosine kinase 2. <i>Oncotarget</i> , 2016, 7, 64886-64899.	1.8	64
30	Iron-mediated degradation kinetics of substituted dispiro-1,2,4-trioxolane antimalarials. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2945-2956.	3.3	63
31	Semi-targeted analysis of metabolites using capillary-flow ion chromatography coupled to high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3447-3452.	1.5	59
32	Alterations of Metabolic and Lipid Profiles in Polymyxin-Resistant <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	58
33	Pyrimidine Salvage in <i>Trypanosoma brucei</i> Bloodstream Forms and the Trypanocidal Action of Halogenated Pyrimidines. <i>Molecular Pharmacology</i> , 2013, 83, 439-453.	2.3	57
34	Mesenteric lymphatic dysfunction promotes insulin resistance and represents a potential treatment target in obesity. <i>Nature Metabolism</i> , 2021, 3, 1175-1188.	11.9	56
35	Antimalarial activity of N-alkyl amine, carboxamide, sulfonamide, and urea derivatives of a dispiro-1,2,4-trioxolane piperidine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5542-5545.	2.2	55
36	Glutaminase inhibition impairs CD8 T cell activation in STK11-/Lkb1-deficient lung cancer. <i>Cell Metabolism</i> , 2022, 34, 874-887.e6.	16.2	55

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37	Metabolomic analysis of trypanosomatid protozoa. <i>Molecular and Biochemical Parasitology</i> , 2012, 181, 73-84.	1.1	54
38	Spiro- and Dispiro-1,2-dioxolanes: Contribution of Iron(II)-Mediated One-Electron vs Two-Electron Reduction to the Activity of Antimalarial Peroxides. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5840-5847.	6.4	53
39	The Development Process for Discovery and Clinical Advancement of Modern Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10526-10562.	6.4	53
40	From Sphingosine Kinase to Dihydroceramide Desaturase: A Structure–Activity Relationship (SAR) Study of the Enzyme Inhibitory and Anticancer Activity of 4-((4-(4-Chlorophenyl)thiazol-2-yl)amino)phenol (SKI-II). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 965-984.	6.4	52
41	Comparative Metabolomics and Transcriptomics Reveal Multiple Pathways Associated with Polymyxin Killing in <i>Pseudomonas aeruginosa</i> . <i>MSystems</i> , 2019, 4, .	3.8	52
42	Microbial metabolism of l-tyrosine protects against allergic airway inflammation. <i>Nature Immunology</i> , 2021, 22, 279-286.	14.5	52
43	Pathos: A web facility that uses metabolic maps to display experimental changes in metabolites identified by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3422-3426.	1.5	49
44	Comparison of the Exposure Time Dependence of the Activities of Synthetic Ozonide Antimalarials and Dihydroartemisinin against K13 Wild-Type and Mutant <i>Plasmodium falciparum</i> Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4501-4510.	3.2	49
45	Global metabolic analyses identify key differences in metabolite levels between polymyxin-susceptible and polymyxin-resistant <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2016, 6, 22287.	3.3	49
46	Determination of antiprotozoal drug mechanisms by metabolomics approaches. <i>Parasitology</i> , 2014, 141, 83-92.	1.5	47
47	NormalizeMets: assessing, selecting and implementing statistical methods for normalizing metabolomics data. <i>Metabolomics</i> , 2018, 14, 54.	3.0	47
48	Sulfoxide–Containing Polymer–Coated Nanoparticles Demonstrate Minimal Protein Fouling and Improved Blood Circulation. <i>Advanced Science</i> , 2020, 7, 2000406.	11.2	43
49	Sterol 14 α -demethylase mutation leads to amphotericin B resistance in <i>Leishmania mexicana</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005649.	3.0	43
50	Human plasma proteome association and cytotoxicity of nano-graphene oxide grafted with stealth polyethylene glycol and poly(2-ethyl-2-oxazoline). <i>Nanoscale</i> , 2018, 10, 10863-10875.	5.6	42
51	Kinetics of iron-mediated artemisinin degradation: Effect of solvent composition and iron salt. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1820-1829.	3.3	41
52	Ozonide Antimalarial Activity in the Context of Artemisinin-Resistant Malaria. <i>Trends in Parasitology</i> , 2019, 35, 529-543.	3.3	40
53	An attenuated total reflection (ATR) and Raman spectroscopic investigation into the effects of chloroquine on <i>Plasmodium falciparum</i> -infected red blood cells. <i>Analyst</i> , 2015, 140, 2236-2246.	3.5	38
54	Global Gene Expression Profile of <i>Acinetobacter baumannii</i> During Bacteremia. <i>Journal of Infectious Diseases</i> , 2017, 215, S52-S57.	4.0	38

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55	TrypanoCyc: a community-led biochemical pathways database for <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2015, 43, D637-D644.	14.5	35
56	Multi-omics analysis delineates the distinct functions of sub-cellular acetyl-CoA pools in <i>Toxoplasma gondii</i> . <i>BMC Biology</i> , 2020, 18, 67.	3.8	35
57	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006450.	3.0	33
58	The 2-oxoglutarate cycle is implicated in the detoxification of propionate in <i>Toxoplasma gondii</i> . <i>Molecular Microbiology</i> , 2013, 87, 894-908.	2.5	32
59	Functional and genetic evidence that nucleoside transport is highly conserved in <i>Leishmania</i> species: Implications for pyrimidine-based chemotherapy. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 206-226.	3.4	32
60	Polymyxins Bind to the Cell Surface of Unculturable <i>Acinetobacter baumannii</i> and Cause Unique Dependent Resistance. <i>Advanced Science</i> , 2020, 7, 2000704.	11.2	31
61	Multi-omic Characterization of the Mode of Action of a Potent New Antimalarial Compound, JPC-3210, Against <i>Plasmodium falciparum</i> . <i>Molecular and Cellular Proteomics</i> , 2020, 19, 308-325.	3.8	30
62	Metabolomics-Based Elucidation of Active Metabolic Pathways in Erythrocytes and HSC-Derived Reticulocytes. <i>Journal of Proteome Research</i> , 2017, 16, 1492-1505.	3.7	29
63	Metabolomics and lipidomics reveal perturbation of sphingolipid metabolism by a novel anti-trypanosomal 3-(oxazolo[4,5-b]pyridine-2-yl)anilide. <i>Metabolomics</i> , 2016, 12, 1.	3.0	28
64	Metabolomics Study of the Synergistic Killing of Polymyxin B in Combination with Amikacin against Polymyxin-Susceptible and -Resistant <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	3.2	28
65	Spiroadamantyl 1,2,4-trioxolane, 1,2,4-trioxane, and 1,2,4-trioxepane pairs: Relationship between peroxide bond iron(II) reactivity, heme alkylation efficiency, and antimalarial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4542-4545.	2.2	27
66	Anthelmintic closantel enhances bacterial killing of polymyxin B against multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Journal of Antibiotics</i> , 2016, 69, 415-421.	2.0	27
67	Plasma Proteome Association and Catalytic Activity of Stealth Polymer-Grafted Iron Oxide Nanoparticles. <i>Small</i> , 2017, 13, 1701528.	10.0	27
68	Strategies for Extending Metabolomics Studies with Stable Isotope Labelling and Fluxomics. <i>Metabolites</i> , 2016, 6, 32.	2.9	25
69	Reaction hijacking of tyrosine tRNA synthetase as a new whole-of-life-cycle antimalarial strategy. <i>Science</i> , 2022, 376, 1074-1079.	12.6	25
70	Potent Trypanocidal Curcumin Analogs Bearing a Monoenone Linker Motif Act on <i>Trypanosoma brucei</i> by Forming an Adduct with Trypanothione. <i>Molecular Pharmacology</i> , 2015, 87, 451-464.	2.3	24
71	Mutations in the pantothenate kinase of <i>Plasmodium falciparum</i> confer diverse sensitivity profiles to antiparasitodal pantothenate analogues. <i>PLoS Pathogens</i> , 2018, 14, e1006918.	4.7	24
72	System-wide biochemical analysis reveals ozonide antimalarials initially act by disrupting <i>Plasmodium falciparum</i> haemoglobin digestion. <i>PLoS Pathogens</i> , 2020, 16, e1008485.	4.7	24

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73	Dynamic Protein Corona of Gold Nanoparticles with an Evolving Morphology. ACS Applied Materials & Interfaces, 2021, 13, 58238-58251.	8.0	23
74	Peroxide Antimalarial Drugs Target Redox Homeostasis in <i>Plasmodium falciparum</i> Infected Red Blood Cells. ACS Infectious Diseases, 2022, 8, 210-226.	3.8	23
75	Stability of Peroxide Antimalarials in the Presence of Human Hemoglobin. Antimicrobial Agents and Chemotherapy, 2009, 53, 3496-3500.	3.2	21
76	A high parasite density environment induces transcriptional changes and cell death in <i>Plasmodium falciparum</i> blood stages. FEBS Journal, 2018, 285, 848-870.	4.7	21
77	Comparative Metabolomics Reveals Key Pathways Associated With the Synergistic Killing of Colistin and Sulbactam Combination Against Multidrug-Resistant <i>Acinetobacter baumannii</i> . Frontiers in Pharmacology, 2019, 10, 754.	3.5	21
78	Pharmacokinetic Predictors for Recurrent Malaria After Dihydroartemisinin-Piperaquine Treatment of Uncomplicated Malaria in Ugandan Infants. Journal of Infectious Diseases, 2013, 207, 1646-1654.	4.0	20
79	Metabolic Analyses Revealed Time-Dependent Synergistic Killing by Colistin and Aztreonam Combination Against Multidrug-Resistant <i>Acinetobacter baumannii</i> . Frontiers in Microbiology, 2018, 9, 2776.	3.5	20
80	Post-Genomic Approaches to Understanding Malaria Parasite Biology: Linking Genes to Biological Functions. ACS Infectious Diseases, 2019, 5, 1269-1278.	3.8	20
81	Measuring Sulforaphane and Its Metabolites in Human Plasma: A High Throughput Method. Molecules, 2020, 25, 829.	3.8	20
82	Ceramide-induced integrated stress response overcomes Bcl-2 inhibitor resistance in acute myeloid leukemia. Blood, 2022, 139, 3737-3751.	1.4	20
83	Mechanistic Insights From Global Metabolomics Studies into Synergistic Bactericidal Effect of a Polymyxin B Combination With Tamoxifen Against Cystic Fibrosis MDR <i>Pseudomonas aeruginosa</i> . Computational and Structural Biotechnology Journal, 2018, 16, 587-599.	4.1	19
84	Comparative Antimalarial Activities of Six Pairs of 1,2,4,5-Tetraoxanes (Peroxide Dimers) and 1,2,4,5,7,8-Hexaoxonanes (Peroxide Trimers). Antimicrobial Agents and Chemotherapy, 2007, 51, 3033-3035.	3.2	17
85	Increased Risk of Early Vomiting among Infants and Young Children Treated with Dihydroartemisinin-Piperaquine Compared with Artemether-Lumefantrine for Uncomplicated Malaria. American Journal of Tropical Medicine and Hygiene, 2010, 83, 873-875.	1.4	17
86	Optimized Method for Untargeted Metabolomics Analysis of MDA-MB-231 Breast Cancer Cells. Metabolites, 2016, 6, 30.	2.9	17
87	Population Pharmacokinetics and Pharmacodynamics of Lumefantrine in Young Ugandan Children Treated With Artemether-Lumefantrine for Uncomplicated Malaria. Journal of Infectious Diseases, 2016, 214, 1243-1251.	4.0	17
88	Parasite-Mediated Degradation of Synthetic Ozonide Antimalarials Impacts <i>In Vitro</i> Antimalarial Activity. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	17
89	Synergistic Combination of Polymyxin B and Enrofloxacin Induced Metabolic Perturbations in Extensive Drug-Resistant <i>Pseudomonas aeruginosa</i> . Frontiers in Pharmacology, 2019, 10, 1146.	3.5	17
90	Population Pharmacokinetics of Piperaquine in Young Ugandan Children Treated With Dihydroartemisinin+Piperaquine for Uncomplicated Malaria. Clinical Pharmacology and Therapeutics, 2015, 98, 87-95.	4.7	16

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91	Ozonide Antimalarials Alkylate Heme in the Malaria Parasite <i>Plasmodium falciparum</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 2076-2086.	3.8	16
92	3,3â€²-Disubstituted 5,5â€²-Bi(1,2,4-triazine) Derivatives with Potent in Vitro and in Vivo Antimalarial Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2485-2498.	6.4	16
93	Sulforaphane Bioavailability and Effects on Blood Pressure in Women with Pregnancy Hypertension. <i>Reproductive Sciences</i> , 2021, 28, 1489-1497.	2.5	16
94	Analytical and Omics-Based Advances in the Study of Drug-Induced Liver Injury. <i>Toxicological Sciences</i> , 2021, 183, 1-13.	3.1	16
95	Metabolomes and Lipidomes of the Infective Stages of the Gastrointestinal nematodes, <i>Nippostrongylus brasiliensis</i> and <i>Trichuris muris</i> . <i>Metabolites</i> , 2020, 10, 446.	2.9	15
96	Key signaling networks are dysregulated in patients with the adipose tissue disorder, lipedema. <i>International Journal of Obesity</i> , 2022, 46, 502-514.	3.4	15
97	Metabolomics continues to expand: highlights from the 2015 metabolomics conference. <i>Metabolomics</i> , 2015, 11, 1036-1040.	3.0	14
98	Synergistic Killing of Polymyxin B in Combination With the Antineoplastic Drug Mitotane Against Polymyxin-Susceptible and -Resistant <i>Acinetobacter baumannii</i> : A Metabolomic Study. <i>Frontiers in Pharmacology</i> , 2018, 9, 359.	3.5	14
99	Lipid A profiling and metabolomics analysis of paired polymyxin-susceptible and -resistant MDR <i>Klebsiella pneumoniae</i> clinical isolates from the same patients before and after colistin treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2852-2863.	3.0	14
100	Discovery of Potent and Fast-Acting Antimalarial Bis-1,2,4-triazines. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4150-4162.	6.4	14
101	Synergy of the Polymyxin-Chloramphenicol Combination against New Delhi Metallo- β -Lactamase-Producing <i>Klebsiella pneumoniae</i> Is Predominately Driven by Chloramphenicol. <i>ACS Infectious Diseases</i> , 2021, 7, 1584-1595.	3.8	14
102	A new mass spectral library for high-coverage and reproducible analysis of the <i>Plasmodium falciparum</i> infected red blood cell proteome. <i>GigaScience</i> , 2022, 11, .	6.4	14
103	Retargeting azithromycin analogues to have dual-modality antimalarial activity. <i>BMC Biology</i> , 2020, 18, 133.	3.8	13
104	Ultraviolet/Visible and Near-Infrared Dual Spectroscopic Method for Detection and Quantification of Low-Level Malaria Parasitemia in Whole Blood. <i>Analytical Chemistry</i> , 2021, 93, 13302-13310.	6.5	13
105	Non-canonical metabolic pathways in the malaria parasite detected by isotope tracing metabolomics. <i>Molecular Systems Biology</i> , 2021, 17, e10023.	7.2	12
106	Resensitising proteasome inhibitor-resistant myeloma with sphingosine kinase 2 inhibition. <i>Neoplasia</i> , 2022, 24, 1-11.	5.3	12
107	Comparative metabolomics revealed key pathways associated with the synergistic killing of multidrug-resistant <i>Klebsiella pneumoniae</i> by a bacteriophage-polymyxin combination. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 485-495.	4.1	12
108	Quantum chemical study of the intermediate complex required for iron-mediated reactivity and antimalarial activity of dispiro-1,2,4-trioxolanes. <i>Journal of Molecular Graphics and Modelling</i> , 2008, 27, 394-400.	2.4	11

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109	Discovery and development of 2-aminobenzimidazoles as potent antimalarials. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113518.	5.5	11
110	Dimeric Artesunate Glycerophosphocholine Conjugate Nano-Assemblies as Slow-Release Antimalarials to Overcome Kelch 13 Mutant Artemisinin Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0206521.	3.2	11
111	Stable isotope labeled metabolomics improves identification of novel metabolites and pathways. <i>Bioanalysis</i> , 2013, 5, 1807-1810.	1.5	10
112	Bestatin Induces Specific Changes in <i>Trypanosoma cruzi</i> Dipeptide Pool. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2921-2925.	3.2	8
113	The sphingosine 1-phosphate receptor 2/4 antagonist JTE-013 elicits off-target effects on sphingolipid metabolism. <i>Scientific Reports</i> , 2022, 12, 454.	3.3	8
114	Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition. <i>Toxicology Letters</i> , 2021, 350, 133-142.	0.8	7
115	Cell biological analysis reveals an essential role for Pfcerli2 in erythrocyte invasion by malaria parasites. <i>Communications Biology</i> , 2022, 5, 121.	4.4	7
116	What role can metabolomics play in the discovery and development of new medicines for infectious diseases?. <i>Bioanalysis</i> , 2015, 7, 629-631.	1.5	6
117	Î²-Adrenoceptor regulation of metabolism in U937 derived macrophages. <i>Molecular Omics</i> , 2021, 17, 583-595.	2.8	6
118	Off-label prescribing in the midst of a pandemic: The case of hydroxychloroquine. <i>Australian Journal of General Practice</i> , 2020, 49, .	0.8	6
119	Genetic and pharmacological evidence for kinetic competition between alternative poly(A) sites in yeast. <i>ELife</i> , 2021, 10, .	6.0	5
120	Using the IDEOM Workflow for LCMS-Based Metabolomics Studies of Drug Mechanisms. <i>Methods in Molecular Biology</i> , 2020, 2104, 419-445.	0.9	5
121	The Novel bis-1,2,4-Triazine MIPS-0004373 Demonstrates Rapid and Potent Activity against All Blood Stages of the Malaria Parasite. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0031121.	3.2	4
122	Chemoresistant Cancer Cell Lines Are Characterized by Migratory, Amino Acid Metabolism, Protein Catabolism and IFN1 Signalling Perturbations. <i>Cancers</i> , 2022, 14, 2763.	3.7	4
123	Polymyxin-Induced Metabolic Perturbations in Human Lung Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0083521.	3.2	3
124	Global Metabolic Analyses of <i>Acinetobacter baumannii</i> . <i>Methods in Molecular Biology</i> , 2019, 1946, 321-328.	0.9	2
125	Red Blood Cell BCL-xL Is Required for <i>Plasmodium falciparum</i> Survival: Insights into Host-Directed Malaria Therapies. <i>Microorganisms</i> , 2022, 10, 824.	3.6	2
126	Lipidomics profiles in hepatocytes from nonalcoholic steatohepatitis patients differ markedly from <i>in vitro</i> induced steatotic hepatocytes. <i>FEBS Letters</i> , 2022, , .	2.8	1

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127	Dynamic structure and localization of G protein-coupled receptor (GPCR) complexes determines unique signalling outcomes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-8-9.	0.0	0
128	Metabolomic Profiling of Serum from Myeloma and MGUS Patients - a Novel Strategy to Identify Potential Biomarkers of Myeloma Development and Progression. Blood, 2018, 132, 1891-1891.	1.4	0