

David A Barrett

List of Publications by Year in descending order

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219
papers

14,614
citations

28190

55
h-index

22764

112
g-index

225
all docs

225
docs citations

225
times ranked

21723
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical and Preclinical Evidence for Roles of Soluble Epoxide Hydrolase in Osteoarthritis Knee Pain. <i>Arthritis and Rheumatology</i> , 2022, 74, 623-633.	2.9	10
2	Serum Levels of Proinflammatory Lipid Mediators and Specialized Proresolving Molecules Are Increased in Patients With Severe Acute Respiratory Syndrome Coronavirus 2 and Correlate With Markers of the Adaptive Immune Response. <i>Journal of Infectious Diseases</i> , 2022, 225, 2142-2154.	1.9	11
3	Profiling oxylipins released from human platelets activated through the GPVI collagen receptor. <i>Prostaglandins and Other Lipid Mediators</i> , 2022, 158, 106607.	1.0	5
4	Vegetable oils composition affects the intestinal lymphatic transport and systemic bioavailability of co-administered lipophilic drug cannabidiol. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121947.	2.6	7
5	Interspecific Variation in One-Carbon Metabolism within the Ovarian Follicle, Oocyte, and Preimplantation Embryo: Consequences for Epigenetic Programming of DNA Methylation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1838.	1.8	13
6	Metabolic signatures of osteoarthritis in urine using liquid chromatography–high resolution tandem mass spectrometry. <i>Metabolomics</i> , 2021, 17, 29.	1.4	14
7	Integrated Metabolomics and Transcriptomics Using an Optimised Dual Extraction Process to Study Human Brain Cancer Cells and Tissues. <i>Metabolites</i> , 2021, 11, 240.	1.3	2
8	Natural sesame oil is superior to pre-digested lipid formulations and purified triglycerides in promoting the intestinal lymphatic transport and systemic bioavailability of cannabidiol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 162, 43-49.	2.0	19
9	Quantitative Bioreactor Monitoring of Intracellular Bacterial Metabolites in <i>Clostridium</i> <i>autoethanogenum</i> Using Liquid Chromatography–Isotope Dilution Mass Spectrometry. <i>ACS Omega</i> , 2021, 6, 13518-13526.	1.6	4
10	Inclusion of Medium-Chain Triglyceride in Lipid-Based Formulation of Cannabidiol Facilitates Micellar Solubilization In Vitro, but In Vivo Performance Remains Superior with Pure Sesame Oil Vehicle. <i>Pharmaceutics</i> , 2021, 13, 1349.	2.0	9
11	2-Alkyl-4-quinolone quorum sensing molecules are biomarkers for culture-independent <i>Pseudomonas aeruginosa</i> burden in adults with cystic fibrosis. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	5
12	Physicochemical and metabolic constraints for thermodynamics-based stoichiometric modelling under mesophilic growth conditions. <i>PLoS Computational Biology</i> , 2021, 17, e1007694.	1.5	5
13	TAMI-76. INTEGRATED MULTI-OMICS REVEAL INTRATUMOUR HETEROGENEITY AND NOVEL THERAPEUTIC TARGETS IN PAEDIATRIC EPENDYMOMA. <i>Neuro-Oncology</i> , 2021, 23, vi214-vi214.	0.6	0
14	The anti-inflammatory effect of bacterial short chain fatty acids is partially mediated by endocannabinoids. <i>Gut Microbes</i> , 2021, 13, 1997559.	4.3	34
15	Effect of acute and short-term dietary fat ingestion on postprandial skeletal muscle protein synthesis rates in middle-aged, overweight, and obese men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E417-E429.	1.8	14
16	Comprehensive and quantitative profiling of B vitamins and related compounds in the mammalian liver. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1136, 121884.	1.2	7
17	Anti-biofilm efficacy of a medieval treatment for bacterial infection requires the combination of multiple ingredients. <i>Scientific Reports</i> , 2020, 10, 12687.	1.6	15
18	Immune-Instructive Polymers Control Macrophage Phenotype and Modulate the Foreign Body Response In Vivo. <i>Matter</i> , 2020, 2, 1564-1581.	5.0	70

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19	Lipidomic Biomarkers in Polycystic Ovary Syndrome and Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4753.	1.8	15
20	A pilot study of alterations in oxidized angiotensinogen and antioxidants in pre-eclamptic pregnancy. <i>Scientific Reports</i> , 2020, 10, 1956.	1.6	12
21	Plasma-Lyte 148 and Plasma-Lyte 148 + 5% glucose compatibility with commonly used critical care drugs. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 25.	0.9	7
22	Sex specific inflammatory profiles of cerebellar mitochondria are attenuated in Parkinson's disease. <i>Aging</i> , 2020, 12, 17713-17737.	1.4	6
23	A novel nucleoside rescue metabolic pathway may be responsible for therapeutic effect of orally administered cordycepin. <i>Scientific Reports</i> , 2019, 9, 15760.	1.6	17
24	Pharmacological profile of vascular activity of human stem villous arteries. <i>Placenta</i> , 2019, 88, 12-19.	0.7	1
25	Enhanced vitamin C skin permeation from supramolecular hydrogels, illustrated using in situ ToF-SIMS 3D chemical profiling. <i>International Journal of Pharmaceutics</i> , 2019, 563, 21-29.	2.6	31
26	Untargeted analysis of plasma samples from pre-eclamptic women reveals polar and apolar changes in the metabolome. <i>Metabolomics</i> , 2019, 15, 157.	1.4	11
27	Profiling of 54 plasma glycoproteins by label-free targeted LC-MS/MS. <i>Analytical Biochemistry</i> , 2019, 567, 72-81.	1.1	9
28	Physicochemical stability of Plasma-Lyte 148® and Plasma-Lyte 148®+5% Glucose with eight common intravenous medications. <i>Paediatric Anaesthesia</i> , 2019, 29, 186-192.	0.6	3
29	Measurement of the total angiotensinogen and its reduced and oxidised forms in human plasma using targeted LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 427-437.	1.9	7
30	Clinical significance of <i>Pseudomonas aeruginosa</i> 2-alkyl-4-quinolone quorum-sensing signal molecules for long-term outcomes in adults with cystic fibrosis. <i>Journal of Medical Microbiology</i> , 2019, 68, 1823-1828.	0.7	6
31	A comparison of the mitochondrial proteome and lipidome in the mouse and long-lived <i>Pipistrelle</i> bats. <i>Aging</i> , 2019, 11, 1664-1685.	1.4	11
32	Improved Extraction Repeatability and Spectral Reproducibility for Liquid Extraction Surface Analysis-Mass Spectrometry Using Superhydrophobic-Superhydrophilic Patterning. <i>Analytical Chemistry</i> , 2018, 90, 6001-6005.	3.2	15
33	Quantitative Isotope-Dilution High-Resolution-Mass-Spectrometry Analysis of Multiple Intracellular Metabolites in <i>Clostridium autoethanogenum</i> with Uniformly ¹³ C-Labeled Standards Derived from <i>Spirulina</i> . <i>Analytical Chemistry</i> , 2018, 90, 4470-4477.	3.2	25
34	An Analysis of Endocannabinoid Concentrations and Mood Following Singing and Exercise in Healthy Volunteers. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 269.	1.0	25
35	Transcriptional analysis of adipose tissue during development reveals depot-specific responsiveness to maternal dietary supplementation. <i>Scientific Reports</i> , 2018, 8, 9628.	1.6	20
36	Sustenance and Performance: Nutritional Reserves, Longevity, and Contest Outcomes of Fed and Starved Adult Parasitoid Wasps. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	15

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37	Omega-6 oxylipins generated by soluble epoxide hydrolase are associated with knee osteoarthritis. <i>Journal of Lipid Research</i> , 2018, 59, 1763-1770.	2.0	41
38	Evaluation of extraction and normalisation strategies for the analysis of lipids in placental vessels. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 297-300.	1.4	0
39	nâ ³ polyunsaturated N-acylethanolamines are CB2 cannabinoid receptor-preferring endocannabinoids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1433-1440.	1.2	20
40	Production of <i>N</i>-acyl homoserine lactones by the sponge-associated marine actinobacteria <i>Salinispora arenicola</i> and <i>Salinispora pacifica</i>. <i>FEMS Microbiology Letters</i> , 2017, 364, fnx002.	0.7	21
41	Hyperlipidaemia alone and in combination with acidosis can increase the incidence and severity of statin-induced myotoxicity. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 100, 163-175.	1.9	7
42	RECAST (Remote Ischemic Conditioning After Stroke Trial). <i>Stroke</i> , 2017, 48, 1412-1415.	1.0	131
43	Repurposed drugs targeting eIF2Î±-P-mediated translational repression prevent neurodegeneration in mice. <i>Brain</i> , 2017, 140, 1768-1783.	3.7	236
44	The role of CB ₁ in intestinal permeability and inflammation. <i>FASEB Journal</i> , 2017, 31, 3267-3277.	0.2	45
45	A methodology for elucidating regulatory mechanisms leading to changes in lipid profiles. <i>Metabolomics</i> , 2017, 13, 81.	1.4	2
46	Weight gain during acute treatment of an initial pulmonary exacerbation is associated with a longer interval to the next exacerbation in adults with cystic fibrosis. <i>ERJ Open Research</i> , 2017, 3, 00057-2017.	1.1	1
47	Association of the resolvin precursor 17-HDHA, but not D- or E- series resolvins, with heat pain sensitivity and osteoarthritis pain in humans. <i>Scientific Reports</i> , 2017, 7, 10748.	1.6	47
48	Age-dependent plasticity in endocannabinoid modulation of pain processing through postnatal development. <i>Pain</i> , 2017, 158, 2222-2232.	2.0	12
49	Oral administration of cannabis with lipids leads to high levels of cannabinoids in the intestinal lymphatic system and prominent immunomodulation. <i>Scientific Reports</i> , 2017, 7, 14542.	1.6	93
50	A metabolomic analytical approach permits identification of urinary biomarkers for Plasmodium falciparum infection: a caseâ€“control study. <i>Malaria Journal</i> , 2017, 16, 229.	0.8	32
51	Targeting the D Series Resolvin Receptor System for the Treatment of Osteoarthritis Pain. <i>Arthritis and Rheumatology</i> , 2017, 69, 996-1008.	2.9	42
52	Diagnostic and prognostic significance of systemic alkyl quinolones for P. aeruginosa in cystic fibrosis: A longitudinal study. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 230-238.	0.3	36
53	Oleoylethanolamine and palmitoylethanolamine modulate intestinal permeability <i>in vitro</i> via TRPV1 and PPARÎ±. <i>FASEB Journal</i> , 2017, 31, 469-481.	0.2	66
54	Mouse mitochondrial lipid composition is defined by age in brain and muscle. <i>Aging</i> , 2017, 9, 986-998.	1.4	37

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55	HG-82PAEDIATRIC GBM CELLS DEMONSTRATE METABOLIC RESILIENCE TO GROWTH UNDER LIPOPROTEIN DEFICIENT CONDITIONS. <i>Neuro-Oncology</i> , 2016, 18, iii67.2-iii67.	0.6	0
56	Metabolomics of aging assessed in individual parasitoid wasps. <i>Scientific Reports</i> , 2016, 6, 34848.	1.6	16
57	Age-Related Changes to Human Stratum Corneum Lipids Detected Using Time-of-Flight Secondary Ion Mass Spectrometry Following in Vivo Sampling. <i>Analytical Chemistry</i> , 2016, 88, 4400-4408.	3.2	30
58	Robust anti-inflammatory effects of monoacylglycerol lipase inhibition in a model of osteoarthritis pain. <i>British Journal of Pharmacology</i> , 2016, 173, 3134-3144.	2.7	25
59	Identification of polymer surface adsorbed proteins implicated in pluripotent human embryonic stem cell expansion. <i>Biomaterials Science</i> , 2016, 4, 1381-1391.	2.6	19
60	Efficacy and Safety of Cannabidiol and Tetrahydrocannabinol on Glycemic and Lipid Parameters in Patients With Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Pilot Study. <i>Diabetes Care</i> , 2016, 39, 1777-1786.	4.3	191
61	The role of acid-base imbalance in statin-induced myotoxicity. <i>Translational Research</i> , 2016, 174, 140-160.e14.	2.2	28
62	Dietary fats and pharmaceutical lipid excipients increase systemic exposure to orally administered cannabis and cannabis-based medicines. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3448-59.	0.0	47
63	Nutritional status alters the lipidome of a bethylid wasp incapable of de novo lipogenesis. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	0.4	0
64	Whole genome sequence and manual annotation of <i>Clostridium autoethanogenum</i> , an industrially relevant bacterium. <i>BMC Genomics</i> , 2015, 16, 1085.	1.2	56
65	Changes in Plasma Levels of N-Arachidonoyl Ethanolamine and N-Palmitoylethanolamine following Bariatric Surgery in Morbidly Obese Females with Impaired Glucose Homeostasis. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-8.	1.0	19
66	Lipidomic analysis of plasma samples from women with polycystic ovary syndrome. <i>Metabolomics</i> , 2015, 11, 657-666.	1.4	44
67	Plasma lipid biomarker signatures in squamous carcinoma and adenocarcinoma lung cancer patients. <i>Metabolomics</i> , 2015, 11, 1600-1611.	1.4	23
68	Authentication of processed meat products by peptidomic analysis using rapid ambient mass spectrometry. <i>Food Chemistry</i> , 2015, 187, 297-304.	4.2	77
69	Development of a simple and sensitive HPLC-UV method for the simultaneous determination of cannabidiol and δ^9 -tetrahydrocannabinol in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 145-151.	1.4	56
70	Discovery of a Novel Polymer for Human Pluripotent Stem Cell Expansion and Multilineage Differentiation. <i>Advanced Materials</i> , 2015, 27, 4006-4012.	11.1	75
71	<i>Pseudomonas aeruginosa</i> quorum sensing molecules correlate with clinical status in cystic fibrosis. <i>European Respiratory Journal</i> , 2015, 46, 1046-1054.	3.1	95
72	Eukaryotic elongation factor 2 kinase regulates the cold stress response by slowing translation elongation. <i>Biochemical Journal</i> , 2015, 465, 227-238.	1.7	39

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73	Biomaterial modification of urinary catheters with antimicrobials to give long-term broadspectrum antibiofilm activity. <i>Journal of Controlled Release</i> , 2015, 202, 57-64.	4.8	130
74	Increased function of pronociceptive TRPV1 at the level of the joint in a rat model of osteoarthritis pain. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 252-259.	0.5	95
75	Reactive DESI-MS Imaging of Biological Tissues with Dicationic Ion-Pairing Compounds. <i>Analytical Chemistry</i> , 2015, 87, 3286-3293.	3.2	60
76	Entometabolomics: applications of modern analytical techniques to insect studies. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 155, 1-17.	0.7	52
77	Partial restoration of protein synthesis rates by the small molecule ISRIB prevents neurodegeneration without pancreatic toxicity. <i>Cell Death and Disease</i> , 2015, 6, e1672-e1672.	2.7	260
78	LC-MS/MS Quantitative Analysis of Quorum Sensing Signal Molecules. <i>Methods in Molecular Biology</i> , 2014, 1149, 255-270.	0.4	15
79	Biosensors for Qualitative and Semiquantitative Analysis of Quorum Sensing Signal Molecules. <i>Methods in Molecular Biology</i> , 2014, 1149, 245-254.	0.4	5
80	The use of dicationic ion-pairing compounds to enhance the ambient detection of surface lipids in positive ionization mode using desorption electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 616-624.	0.7	17
81	Simultaneous tissue profiling of eicosanoid and endocannabinoid lipid families in a rat model of osteoarthritis. <i>Journal of Lipid Research</i> , 2014, 55, 1902-1913.	2.0	42
82	Fish oil omega-3 fatty acids partially prevent lipid-induced insulin resistance in human skeletal muscle without limiting acylcarnitine accumulation. <i>Clinical Science</i> , 2014, 127, 315-322.	1.8	29
83	Translational insight into statin-induced muscle toxicity: from cell culture to clinical studies. <i>Translational Research</i> , 2014, 164, 85-109.	2.2	46
84	Synthesis and antifungal activity of ASP9726, a novel echinocandin with potent <i>Aspergillus</i> hyphal growth inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1172-1175.	1.0	24
85	Preventing endometrial cancer risk in polycystic ovarian syndrome (PCOS) women: Could metformin help?. <i>Gynecologic Oncology</i> , 2014, 132, 248-253.	0.6	61
86	Materials for stem cell factories of the future. <i>Nature Materials</i> , 2014, 13, 570-579.	13.3	145
87	Characterisation of a micro-plasma for ambient mass spectrometry imaging. <i>Analyst, The</i> , 2014, 139, 5430-5438.	1.7	12
88	Chemically diverse polymer microarrays and high throughput surface characterisation: a method for discovery of materials for stem cell culture. <i>Biomaterials Science</i> , 2014, 2, 1604-1611.	2.6	33
89	A strategy for characterization of triterpene saponins in <i>Caulophyllum robustum</i> hairy roots by liquid chromatography with electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 109-122.	1.4	36
90	Tryptic Digestion Coupled with Ambient Desorption Electrospray Ionization and Liquid Extraction Surface Analysis Mass Spectrometry Enabling Identification of Skeletal Muscle Proteins in Mixtures and Distinguishing between Beef, Pork, Horse, Chicken, and Turkey Meat. <i>Analytical Chemistry</i> , 2014, 86, 4479-4487.	3.2	62

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91	Folic acid handling by the human gut: implications for food fortification and supplementation. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 593-599.	2.2	94
92	Rapid Detection of Peptide Markers for Authentication Purposes in Raw and Cooked Meat Using Ambient Liquid Extraction Surface Analysis Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 10257-10265.	3.2	72
93	Reductions in Endocannabinoid Levels and Enhanced Coupling of Cannabinoid Receptors in the Striatum are Accompanied by Cognitive Impairments in the Al ² PPswe/PS1 ^{Tg} E9 Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 227-245.	1.2	33
94	The lipidome and proteome of oil bodies from <i>Helianthus annuus</i> (common sunflower). <i>Journal of Chemical Biology</i> , 2013, 6, 63-76.	2.2	42
95	The contribution of the endogenous TRPV1 ligands α -HODE and 13-HODE to nociceptive processing and their role in peripheral inflammatory pain mechanisms. <i>British Journal of Pharmacology</i> , 2013, 168, 1961-1974.	2.7	45
96	Reviewing the molecular mechanisms which increase endometrial cancer (EC) risk in women with polycystic ovarian syndrome (PCOS): Time for paradigm shift?. <i>Gynecologic Oncology</i> , 2013, 131, 489-492.	0.6	31
97	Ambient DESI and LESA-MS Analysis of Proteins Adsorbed to a Biomaterial Surface Using In-Situ Surface Tryptic Digestion. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1927-1936.	1.2	40
98	Oral Treatment Targeting the Unfolded Protein Response Prevents Neurodegeneration and Clinical Disease in Prion-Infected Mice. <i>Science Translational Medicine</i> , 2013, 5, 206ra138.	5.8	480
99	Transient Exposure to Low Levels of Insecticide Affects Metabolic Networks of Honeybee Larvae. <i>PLoS ONE</i> , 2013, 8, e68191.	1.1	108
100	Estimation of the 5-Methyltetrahydrofolate Apparent Volume of Distribution in Humans ³ . <i>Journal of Nutrition</i> , 2012, 142, 389-395.	1.3	1
101	Sustained translational repression by eIF2 γ -P mediates prion neurodegeneration. <i>Nature</i> , 2012, 485, 507-511.	13.7	538
102	Lack of effect of chronic pre-treatment with the FAAH inhibitor URB597 on inflammatory pain behaviour: evidence for plastic changes in the endocannabinoid system. <i>British Journal of Pharmacology</i> , 2012, 167, 627-640.	2.7	51
103	Surface analysis using a new plasma assisted desorption/ionisation source for mass spectrometry in ambient air. <i>Review of Scientific Instruments</i> , 2012, 83, 063503.	0.6	15
104	Isothiocyanate concentrations and interconversion of sulforaphane to erucin in human subjects after consumption of commercial frozen broccoli compared to fresh broccoli. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1906-1916.	1.5	114
105	Use of imaging multivariate analysis to improve biochemical and anatomical discrimination in desorption electrospray ionisation mass spectrometry imaging. <i>Analyst</i> , The, 2012, 137, 3946.	1.7	18
106	Spinal administration of the monoacylglycerol lipase inhibitor JZL184 produces robust inhibitory effects on nociceptive processing and the development of central sensitization in the rat. <i>British Journal of Pharmacology</i> , 2012, 167, 1609-1619.	2.7	46
107	Chromatographic retention behaviour of monosubstituted benzene derivatives on porous graphitic carbon and octadecyl-bonded silica studied using molecular modelling and quantitative structure-retention relationships. <i>Journal of Chromatography A</i> , 2012, 1229, 95-106.	1.8	18
108	The microstructure of creams revealed by confocal laser scanning microscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 132-132.	1.2	3

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109	Depolarizing and calcium-mobilizing stimuli fail to enhance synthesis and release of endocannabinoids from rat brain cerebral cortex slices. <i>Journal of Neurochemistry</i> , 2011, 117, no-no.	2.1	1
110	Simultaneous quantitative profiling of N-acyl-L-homoserine lactone and 2-alkyl-4(1H)-quinolone families of quorum-sensing signaling molecules using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 839-850.	1.9	168
111	Drug release from HPMC matrices in milk and fat-rich emulsions. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4823-4835.	1.6	38
112	The effect of temperature and pH on the deacetylation of diamorphine in aqueous solution and in human plasma. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 606-608.	1.2	43
113	Folate Polyglutamylation is Required for Rice Seed Development. <i>Rice</i> , 2010, 3, 181-193.	1.7	9
114	Tonic modulation of spinal hyperexcitability by the endocannabinoid receptor system in a rat model of osteoarthritis pain. <i>Arthritis and Rheumatism</i> , 2010, 62, 3666-3676.	6.7	106
115	A liquid chromatography method for quantifying caffeine dissolution from pharmaceutical formulations into colloidal, fat-rich media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1739-1745.	1.2	8
116	Quantitative liquid chromatography-tandem mass spectrometry profiling of activated methyl cycle metabolites involved in LuxS-dependent quorum sensing in <i>Escherichia coli</i> . <i>Analytical Biochemistry</i> , 2010, 403, 20-29.	1.1	56
117	Chromatographic retention behaviour of n-alkylbenzenes and pentylbenzene structural isomers on porous graphitic carbon and octadecyl-bonded silica studied using molecular modelling and QSRR. <i>Journal of Chromatography A</i> , 2010, 1217, 6987-6993.	1.8	23
118	Garlic as an inhibitor of <i>Pseudomonas aeruginosa</i> quorum sensing in cystic fibrosis—a pilot randomized controlled trial. <i>Pediatric Pulmonology</i> , 2010, 45, 356-362.	1.0	116
119	Effects of COX-2 inhibition on spinal nociception: the role of endocannabinoids. <i>British Journal of Pharmacology</i> , 2010, 160, 669-676.	2.7	31
120	Involvement of 2-arachidonoyl glycerol in the increased consumption of and preference for ethanol of mice treated with neurotoxic doses of methamphetamine. <i>British Journal of Pharmacology</i> , 2010, 160, 772-783.	2.7	18
121	Functional analysis of folate polyglutamylation and its essential role in plant metabolism and development. <i>Plant Journal</i> , 2010, 64, 267-279.	2.8	67
122	Endocannabinoid regulation of spinal nociceptive processing in a model of neuropathic pain. <i>European Journal of Neuroscience</i> , 2010, 31, 1414-1422.	1.2	27
123	A mutation in amino acid permease AAP6 reduces the amino acid content of the <i>Arabidopsis</i> sieve elements but leaves aphid herbivores unaffected. <i>Journal of Experimental Botany</i> , 2010, 61, 55-64.	2.4	126
124	In <i>Helicobacter pylori</i> , LuxS Is a Key Enzyme in Cysteine Provision through a Reverse Transsulfuration Pathway. <i>Journal of Bacteriology</i> , 2010, 192, 1184-1192.	1.0	34
125	Bioanalytical applications of capillary electrophoresis with laser-induced native fluorescence detection. <i>Bioanalysis</i> , 2010, 2, 1641-1653.	0.6	22
126	Measurement of vasoactive metabolites (hydroxyeicosatetraenoic and epoxyeicosatrienoic acids) in uterine tissues of normal and compromised human pregnancy. <i>Journal of Hypertension</i> , 2010, 28, 2429-2437.	0.3	21

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127	Preclinical Toxicokinetic Evaluation of Phortress [2-(4-Amino-3-Methylphenyl)-5-Fluorobenzothiazole Lysylamide Dihydrochloride] in Two Rodent Species. <i>Pharmacology</i> , 2009, 83, 99-109.	0.9	15
128	Detection of EETs and HETE-generating cytochrome P-450 enzymes and the effects of their metabolites on myometrial and vascular function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E647-E656.	1.8	22
129	Analysis of mono- and oligosaccharides by CE using a two-stage derivatization method and LIF detection. <i>Electrophoresis</i> , 2009, 30, 1399-1405.	1.3	16
130	A LuxR family regulatory system controls excision and transfer of the <i>Mesorhizobium loti</i> strain R7A symbiosis island by activating expression of two conserved hypothetical genes. <i>Molecular Microbiology</i> , 2009, 73, 1141-1155.	1.2	57
131	Mathematical Modeling of Glucose Homeostasis and Its Relationship With Energy Balance and Body Fat. <i>Obesity</i> , 2009, 17, 632-639.	1.5	17
132	Micellar electrokinetic biofluid analysis of biogenic amines using on-line sample concentration and UV laser-induced native fluorescence detection. <i>Journal of Chromatography A</i> , 2009, 1216, 3387-3391.	1.8	16
133	FR290581, a novel sordarin derivative: Synthesis and antifungal activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1465-1468.	1.0	32
134	Repeated novel cage exposure-induced improvement of early Alzheimer's-like cognitive and amyloid changes in TASTPM mice is unrelated to changes in brain endocannabinoids levels. <i>Neurobiology of Aging</i> , 2009, 30, 1099-1113.	1.5	37
135	Plasma endocannabinoid levels in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2009, 287, 212-215.	0.3	94
136	Minocycline Treatment Inhibits Microglial Activation and Alters Spinal Levels of Endocannabinoids in a Rat Model of Neuropathic Pain. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-35.	1.0	116
137	Comparison of CZE, open tubular CEC and non-aqueous CE coupled to electrospray MS for impurity profiling of drugs. <i>Electrophoresis</i> , 2008, 29, 3563-3574.	1.3	18
138	Quantitative profiling of nucleotides and related phosphate-containing metabolites in cultured mammalian cells by liquid chromatography tandem electrospray mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 115-124.	1.2	98
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