

Matthew D Krasowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

205
papers

6,942
citations

43
h-index

79
g-index

226
ext. papers

7,691
ext. citations

3.8
avg, IF

5.94
L-index

#	Paper	IF	Citations
205	Data on the frequency and causes of icteric interference in clinical chemistry laboratory tests.. <i>Data in Brief</i> , 2022 , 40, 107771	1.2	
204	Impact of Interfacing Near Point of Care Clinical Chemistry and Hematology Analyzers at Urgent Care Clinics at an Academic Health System.. <i>Journal of Pathology Informatics</i> , 2022 , 13, 100006	4.4	1
203	Data on the Relationships of Signal-To-Cutoff Ratios of Elecsys HIV Antigen/Antibody and Elecsys Syphilis Assays to Subsequent Confirmatory Testing at an Academic Medical Center. <i>Data in Brief</i> , 2021 , 39, 107549	1.2	
202	Data on the relationship between lamotrigine and levetiracetam serum/plasma levels and toxicity: Experience at an academic medical center. <i>Data in Brief</i> , 2021 , 39, 107555	1.2	
201	Continuation of Over-the-Counter Biotin Supplements in the Inpatient Setting: An Unexpected Source of Laboratory Error. <i>journal of applied laboratory medicine, The</i> , 2021 , 6, 735-742	2	
200	Data on the utilization of paraneoplastic syndrome autoantibody testing at an academic medical center. <i>Data in Brief</i> , 2021 , 39, 107578	1.2	0
199	Frequency of icteric interference in clinical chemistry laboratory tests and causes of severe icterus. <i>Practical Laboratory Medicine</i> , 2021 , 27, e00259	1.7	0
198	Prevalence of maternal obesity at delivery and association with maternal and neonatal outcomes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-8	2	1
197	How Can Routine Clinical Laboratories Keep Up with the Opioid Crisis?. <i>Clinical Chemistry</i> , 2021 , 67, 338-344	3.4	1
196	Commentary on Unexpected Presence of an Unusual Opioid in a Patient with Chronic Pain. <i>Clinical Chemistry</i> , 2021 , 67, 600-601	5.5	
195	Therapeutic Drug Monitoring of Second- and Third-Generation Antiepileptic Drugs. <i>Archives of Pathology and Laboratory Medicine</i> , 2021 , 145, 1485-1491	5	5
194	Data on the activation and utilization of an electronic health record patient portal in an adult inpatient population at an academic medical center. <i>Data in Brief</i> , 2021 , 35, 106806	1.2	
193	Patient Portal Activation and Use in Hospitalized Children at an Academic Medical Center. <i>Hospital Pediatrics</i> , 2021 , 11, 587-594	2.5	1
192	Reproductive Endocrinology Reference Intervals for Transgender Women on Stable Hormone Therapy. <i>journal of applied laboratory medicine, The</i> , 2021 , 6, 15-26	2	8
191	Reproductive Endocrinology Reference Intervals for Transgender Men on Stable Hormone Therapy. <i>journal of applied laboratory medicine, The</i> , 2021 , 6, 41-50	2	8
190	Teaching Pathology in an Integrated Preclinical Medical School Curriculum and Adaptations to COVID-19 Restrictions. <i>Academic Pathology</i> , 2021 , 8, 23742895211015337	1.3	2
189	Practical Considerations for Implementation of SARS-CoV-2 Serological Testing in the Clinical Laboratory: Experience at an Academic Medical Center. <i>Academic Pathology</i> , 2021 , 8, 23742895211002802	1.3	7

188	Experience With Pretravel Testing for SARS-CoV-2 at an Academic Medical Center. <i>Academic Pathology</i> , 2021 , 8, 23742895211010247	1.3	2
187	Use of Middleware Data to Dissect and Optimize Hematology Autoverification. <i>Journal of Pathology Informatics</i> , 2021 , 12, 19	4.4	0
186	SARS-CoV-2 Infection during Pregnancy in a Rural Midwest All-delivery Cohort and Associated Maternal and Neonatal Outcomes. <i>American Journal of Perinatology</i> , 2021 , 38, 614-621	3.3	8
185	Ethanol Biomarker Testing and Challenges. <i>Archives of Pathology and Laboratory Medicine</i> , 2021 , 145, 1492-1498	5	1
184	Sublingual Estradiol Is Associated with Higher Estrone Concentrations than Transdermal or Injectable Preparations in Transgender Women and Gender Nonbinary Adults. <i>LGBT Health</i> , 2021 , 8, 125-132	4.9	2
183	Vitamin D Level Stability in Dystrophinopathy Patients on Vitamin D Supplementation. <i>Journal of Neuromuscular Diseases</i> , 2021 , 8, 481-487	5	
182	Real-World Clinical Performance Evaluation of a Fourth-Generation HIV Antigen/Antibody Differentiation Test. <i>journal of applied laboratory medicine, The</i> , 2021 , 6, 1417-1432	2	1
181	Correlation of elevated lamotrigine and levetiracetam serum/plasma levels with toxicity: A long-term retrospective review at an academic medical center. <i>Toxicology Reports</i> , 2021 , 8, 1592-1598	4.8	0
180	Data on length of parathyroidectomy surgery and intraoperative parathyroid hormone (PTH) assay turnaround times following a switch in the location for intraoperative PTH testing from near point-of-care to central laboratory. <i>Data in Brief</i> , 2020 , 32, 106252	1.2	1
179	Effects of bilirubin, lipemia, hemolysis, paraproteins and heterophilic antibodies on immunoassays for therapeutic drug monitoring 2020 , 43-52		
178	Application of chromatographic techniques for therapeutic drug monitoring 2020 , 53-63		0
177	Therapeutic drug monitoring using alternative specimens 2020 , 91-98		1
176	Data on the relationship of signal-to-cutoff ratio of two HIV antigen/antibody combination assays to subsequent confirmation of HIV-1 infection in a low-prevalence population. <i>Data in Brief</i> , 2020 , 31, 105707	1.2	2
175	Review of interference indices in body fluid specimens submitted for clinical chemistry analyses. <i>Practical Laboratory Medicine</i> , 2020 , 19, e00155	1.7	3
174	Data on the relationship between acetone, ethylene glycol, isopropanol, methanol, and propylene glycol serum/plasma concentrations and osmolal gaps in patients at an academic medical center. <i>Data in Brief</i> , 2020 , 29, 105189	1.2	4
173	Educational Case: Ethylene Glycol Poisoning. <i>Academic Pathology</i> , 2020 , 7, 2374289519900330	1.3	1
172	Data on interference indices in body fluid specimens submitted for clinical laboratory analysis. <i>Data in Brief</i> , 2020 , 30, 105408	1.2	
171	Academic E-Mail Overload and the Burden of "Academic Spam". <i>Academic Pathology</i> , 2020 , 7, 2374289519898858	1.3	5

170	Pharmacogenomics and therapeutic drugs monitoring: Are they complementary? 2020 , 79-90		
169	Therapeutic drug monitoring of antidepressants and psychoactive drugs 2020 , 199-227		1
168	Therapeutic drug monitoring of cardioactive drugs 2020 , 229-270		1
167	Antineoplastic drugs 2020 , 331-350		1
166	Therapeutic drug monitoring of antimicrobial, antifungal and antiviral agents 2020 , 159-197		2
165	Before and after: The pre-analytical and post-analytical phases of TDM 2020 , 19-25		
164	Clinical utility of monitoring free drug levels 2020 , 27-42		
163	Correlation of osmolal gap with measured concentrations of acetone, ethylene glycol, isopropanol, methanol, and propylene glycol in patients at an academic medical center. <i>Toxicology Reports</i> , 2020 , 7, 81-88	4.8	5
162	Drug-herb and drug-food interactions and effects on therapeutic drug monitoring 2020 , 65-78		
161	Pharmacokinetics and therapeutic drug monitoring 2020 , 1-17		1
160	Evaluation of switch from satellite laboratory to central laboratory for testing of intraoperative parathyroid hormone. <i>Practical Laboratory Medicine</i> , 2020 , 22, e00176	1.7	1
159	Caffeine and theophylline 2020 , 351-359		1
158	Head-to-Head Comparison of Two SARS-CoV-2 Serology Assays. <i>Journal of Applied Laboratory Medicine</i> , 2020 , 5, 1351-1357	2	22
157	Interpretation and Utility of Drug of Abuse Screening Immunoassays: Insights From Laboratory Drug Testing Proficiency Surveys. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 177-184	5	6
156	Novel ketamine analogues cause a false positive phencyclidine immunoassay. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 598-607	2.2	4
155	Accidental intoxications in toddlers: lack of cross-reactivity of vilazodone and its urinary metabolite M17 with drug of abuse screening immunoassays. <i>BMC Clinical Pathology</i> , 2019 , 19, 2	3	2
154	Hematology reference intervals for transgender adults on stable hormone therapy. <i>Clinica Chimica Acta</i> , 2019 , 492, 84-90	6.2	24
153	Drug-Assisted Sexual Assaults 2019 , 225-236		1

152	Analytical True Positive Drug Tests Due to Use of Prescription and Nonprescription Medications 2019 , 441-448		
151	Interstitial lung disease associated with anti-PM-Scl antibody: A single center experience. <i>Autoimmunity Reviews</i> , 2019 , 18, 102355	13.6	6
150	Nonlinear protein binding of phenytoin in clinical practice: Development and validation of a mechanistic prediction model. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 2360-2368	3.8	5
149	Diagnostic pitfalls and laboratory test interference after hydroxychloroquine intoxication: A case report. <i>Toxicology Reports</i> , 2019 , 6, 1040-1046	4.8	18
148	Educational Case: Regulatory Issues With Laboratory Testing. <i>Academic Pathology</i> , 2019 , 6, 2374289519877549		
147	The Use of an Electronic Health Record Patient Portal to Access Diagnostic Test Results by Emergency Patients at an Academic Medical Center: Retrospective Study. <i>Journal of Medical Internet Research</i> , 2019 , 21, e13791	7.6	13
146	Burden and Characteristics of Unsolicited Emails from Medical/Scientific Journals, Conferences, and Webinars to Faculty and Trainees at an Academic Pathology Department. <i>Journal of Pathology Informatics</i> , 2019 , 10, 16	4.4	5
145	Risk-Based Newborn Drug Testing in a Setting With a Low Prevalence of Maternal Drug Use. <i>Hospital Pediatrics</i> , 2019 , 9, 593-600	2.5	2
144	Data on hydroxychloroquine interference with urine laboratory testing. <i>Data in Brief</i> , 2019 , 27, 104781	1.2	
143	Educational Case: Hemolysis and Lipemia Interference With Laboratory Testing. <i>Academic Pathology</i> , 2019 , 6, 2374289519888754	1.3	2
142	Alternate Matrices: Meconium, Cord Tissue, Hair, and Oral Fluid. <i>Methods in Molecular Biology</i> , 2019 , 1872, 191-197	1.4	7
141	Common Hormone Therapies Used to Care for Transgender Patients Influence Laboratory Results. <i>Journal of Applied Laboratory Medicine</i> , 2019 , 3, 799-814	2	15
140	Vitamin D Toxicity: A 16-Year Retrospective Study at an Academic Medical Center. <i>Laboratory Medicine</i> , 2018 , 49, 123-129	1.6	17
139	Cheminformatics in a Clinical Setting 2018 , 175-209		
138	Impact of Daylight Saving Time on the Clinical Laboratory. <i>Academic Pathology</i> , 2018 , 5, 2374289518784232		2
137	Clinical Utility of Ordered Pathology Blood Smear Reviews - an Overused Resource?. <i>Clinical Laboratory</i> , 2018 , 64, 99-104	2	3
136	Unique Primary Care Needs of Transgender and Gender Non-Binary People. <i>Clinical Obstetrics and Gynecology</i> , 2018 , 61, 674-686	1.7	16
135	Developing an Inclusive and Welcoming LGBTQ Clinic. <i>Clinical Obstetrics and Gynecology</i> , 2018 , 61, 646-662		8

134	Activation and Utilization of an Electronic Health Record Patient Portal at an Academic Medical Center-Impact of Patient Demographics and Geographic Location. <i>Academic Pathology</i> , 2018 , 5, 23742895187917573	1.3	17
133	A Difficult Challenge for the Clinical Laboratory: Accessing and Interpreting Manufacturer Cross-Reactivity Data for Immunoassays Used in Urine Drug Testing. <i>Academic Pathology</i> , 2018 , 5, 2374289518811797	1.3	8
132	A case series involving young children presenting with accidental ingestion of amphetamine based stimulants. <i>Toxicology Reports</i> , 2018 , 5, 1129-1133	4.8	6
131	Evaluating a switch from meconium to umbilical cord tissue for newborn drug testing: A retrospective study at an academic medical center. <i>Clinical Biochemistry</i> , 2017 , 50, 255-261	3.5	25
130	Frequency and causes of lipemia interference of clinical chemistry laboratory tests. <i>Practical Laboratory Medicine</i> , 2017 , 8, 1-9	1.7	25
129	Medical student and medical school teaching faculty perceptions of conflict of interest. <i>BMC Research Notes</i> , 2017 , 10, 272	2.3	2
128	Using Focused Laboratory Management and Quality Improvement Projects to Enhance Resident Training and Foster Scholarship. <i>Academic Pathology</i> , 2017 , 4, 2374289517722152	1.3	7
127	Operational impact of using a vanadate oxidase method for direct bilirubin measurements at an academic medical center clinical laboratory. <i>Practical Laboratory Medicine</i> , 2017 , 8, 77-85	1.7	10
126	Traditional versus reverse syphilis algorithms: A comparison at a large academic medical center. <i>Practical Laboratory Medicine</i> , 2017 , 8, 52-59	1.7	26
125	Identification and characterization of 5 β -yprinol-sulfating cytosolic sulfotransferases (Sults) in the zebrafish (<i>Danio rerio</i>). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 174, 120-127	5.1	3
124	The "Rainbow" of Extra Blood Tubes-Useful or Wasteful Practice?. <i>JAMA Internal Medicine</i> , 2017 , 177, 128-129	11.5	1
123	Newborn drug testing practices in Iowa birthing hospitals. <i>Journal of Neonatal-Perinatal Medicine</i> , 2017 , 10, 445-450	1.3	5
122	Implementation of Epic Beaker Anatomic Pathology at an Academic Medical Center. <i>Journal of Pathology Informatics</i> , 2017 , 8, 47	4.4	7
121	Preferred Names, Preferred Pronouns, and Gender Identity in the Electronic Medical Record and Laboratory Information System: Is Pathology Ready?. <i>Journal of Pathology Informatics</i> , 2017 , 8, 42	4.4	13
120	Variation in Results Release and Patient Portal Access to Diagnostic Test Results at an Academic Medical Center. <i>Journal of Pathology Informatics</i> , 2017 , 8, 45	4.4	15
119	Impact of Endogenous and Exogenous Interferences on Clinical Chemistry Parameters Measured on Blood Gas Analyzers. <i>Clinical Laboratory</i> , 2017 , 63, 561-568	2	12
118	KSHV-encoded vIL-6 collaborates with deregulated c-Myc to drive plasmablastic neoplasms in mice. <i>Blood Cancer Journal</i> , 2016 , 6, e398	7	13
117	Ethanol Values During College Football Season: University Policy Change and Emergency Department Blood Ethanol Values From 2006 Through 2014. <i>Laboratory Medicine</i> , 2016 , 47, 300-305	1.6	3

116	Prevalence and Clinical Utility of "Incidental" Critical Values Resulting From Critical Care Laboratory Testing. <i>Laboratory Medicine</i> , 2016 , 47, 338-349	1.6	4
115	Use of a Rapid Ethylene Glycol Assay: a 4-Year Retrospective Study at an Academic Medical Center. <i>Journal of Medical Toxicology</i> , 2016 , 12, 172-9	2.6	12
114	Reply to Dr. Kim and Colleagues Regarding Use of a Rapid Ethylene Glycol Assay. <i>Journal of Medical Toxicology</i> , 2016 , 12, 326-7	2.6	1
113	Challenges in Transgender Healthcare: The Pathology Perspective. <i>Laboratory Medicine</i> , 2016 , 47, 180-8	1.6	34
112	Acetylation of lysine 109 modulates pregnane X receptor DNA binding and transcriptional activity. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 1155-1169	6	8
111	Data Mining to Improve Laboratory Utilization and Patient Care. <i>Critical Values</i> , 2016 , 9, 24-27	0.2	1
110	N-acetylcysteine interference of Trinder-based assays. <i>Clinical Biochemistry</i> , 2016 , 49, 100-4	3.5	21
109	Implementation of Epic Beaker Clinical Pathology at an academic medical center. <i>Journal of Pathology Informatics</i> , 2016 , 7, 7	4.4	21
108	Therapeutic Drug Monitoring of Newer Antiepileptic Drugs 2016 , 101-134		4
107	An Infant with a Prolonged Sympathomimetic Toxidrome after Lisdexamfetamine Dimesylate Ingestion. <i>Journal of Medical Toxicology</i> , 2016 , 12, 402-405	2.6	4
106	Potential pitfalls of serum free light chain analysis to assess treatment response for multiple myeloma. <i>British Journal of Haematology</i> , 2016 , 174, 536-40	4.5	3
105	Promoting improved utilization of laboratory testing through changes in an electronic medical record: experience at an academic medical center. <i>BMC Medical Informatics and Decision Making</i> , 2015 , 15, 11	3.6	71
104	Diagnostic yield of hair and urine toxicology testing in potential child abuse cases. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2015 , 33, 61-7	1.7	12
103	Impact of add-on laboratory testing at an academic medical center: a five year retrospective study. <i>BMC Clinical Pathology</i> , 2015 , 15, 11	3	8
102	Persistent Human Chorionic Gonadotropin After Methotrexate Treatment and an Emergency Surgical Procedure for Ectopic Pregnancy. <i>Laboratory Medicine</i> , 2015 , 46, 254-8	1.6	1
101	Patterns of Drugs and Drug Metabolites Observed in Meconium: What Do They Mean?. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 568-80	3.2	28
100	Pathology Milestones: Assessing Clinical Competency by Committee. <i>Academic Pathology</i> , 2015 , 2, 2374289515614003	2.9	14
99	Effect of specimen type on free immunoglobulin light chains analysis on the Roche Diagnostics cobas 8000 analyzer. <i>SpringerPlus</i> , 2015 , 4, 760		8

98	Therapeutic Drug Monitoring of Pentobarbital: Experience at an Academic Medical Center. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 783-91	3.2	3
97	POSITIVE TEST FOR ANTITHYROGLOBULIN ANTIBODIES DUE TO ADMINISTRATION OF IMMUNOGLOBULIN REPLACEMENT THERAPY IN A PATIENT WITH THYROID CANCER. <i>Endocrine Practice</i> , 2015 , 21, 966-71	3.2	3
96	Ordering of the Serum Angiotensin-Converting Enzyme Test in Patients Receiving Angiotensin-Converting Enzyme Inhibitor Therapy: An Avoidable but Common Error. <i>Chest</i> , 2015 , 148, 1447-1453	5.3	22
95	Use of a data warehouse at an academic medical center for clinical pathology quality improvement, education, and research. <i>Journal of Pathology Informatics</i> , 2015 , 6, 45	4.4	17
94	Potential Pitfalls of Serum Free Light Chain Analysis to Assess Treatment Response for Multiple Myeloma. <i>Blood</i> , 2015 , 126, 5308-5308	2.2	
93	Meconium drug testing in multiple births in the USA. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 397-403	2.9	16
92	Retrospective analysis of the diagnostic yield of newborn drug testing. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 250	3.2	18
91	Cross-reactivity of steroid hormone immunoassays: clinical significance and two-dimensional molecular similarity prediction. <i>BMC Clinical Pathology</i> , 2014 , 14, 33	3	97
90	Using cheminformatics to predict cross reactivity of "designer drugs" to their currently available immunoassays. <i>Journal of Cheminformatics</i> , 2014 , 6, 22	8.6	21
89	Advances in anti-epileptic drug testing. <i>Clinica Chimica Acta</i> , 2014 , 436, 224-36	6.2	42
88	Detection of neonatal drug exposure using umbilical cord tissue and liquid chromatography time-of-flight mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 119-24	3.2	23
87	Autoverification in a core clinical chemistry laboratory at an academic medical center. <i>Journal of Pathology Informatics</i> , 2014 , 5, 13	4.4	62
86	Massive ethylene glycol poisoning triggers osmotic demyelination syndrome. <i>Journal of Emergency Medicine</i> , 2014 , 46, e69-74	1.5	13
85	Streamlined sign-out of capillary protein electrophoresis using middleware and an open-source macro application. <i>Journal of Pathology Informatics</i> , 2014 , 5, 36	4.4	3
84	A rapid analysis of plasma/serum ethylene and propylene glycol by headspace gas chromatography. <i>SpringerPlus</i> , 2013 , 2, 203		23
83	Analysis of vitamin D status at two academic medical centers and a national reference laboratory: result patterns vary by age, gender, season, and patient location. <i>BMC Endocrine Disorders</i> , 2013 , 13, 52	3.3	16
82	Cross-reactivity studies and predictive modeling of "Bath Salts" and other amphetamine-type stimulants with amphetamine screening immunoassays. <i>Clinical Toxicology</i> , 2013 , 51, 83-91	2.9	43
81	Nonfatal tramadol overdose may cause false-positive phencyclidine on Emit-II assay. <i>American Journal of Emergency Medicine</i> , 2013 , 31, 444.e5-9	2.9	5

80	Microbial biotransformations of bile acids as detected by electrospray mass spectrometry. <i>Advances in Nutrition</i> , 2013 , 4, 29-35	10	18
79	Activation of a tunicate (<i>Ciona intestinalis</i>) xenobiotic receptor orthologue by both natural toxins and synthetic toxicants. <i>Toxicol</i> , 2012 , 59, 365-72	2.8	20
78	Clinical decision support of therapeutic drug monitoring of phenytoin: measured versus adjusted phenytoin plasma concentrations. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 7	3.6	24
77	Ligand- and structure-based pregnane X receptor models. <i>Methods in Molecular Biology</i> , 2012 , 929, 359-754	11.4	12
76	Extremely high myoglobin plasma concentrations producing hook effect in a critically ill patient. <i>Clinica Chimica Acta</i> , 2012 , 414, 179-81	6.2	8
75	Positive hepatitis B surface antigen tests due to recent vaccination: a persistent problem. <i>BMC Clinical Pathology</i> , 2012 , 12, 15	3	22
74	A retrospective analysis of glycol and toxic alcohol ingestion: utility of anion and osmolal gaps. <i>BMC Clinical Pathology</i> , 2012 , 12, 1	3	40
73	The measurement of vitamin D requires maintaining quality control. <i>American Journal of Clinical Pathology</i> , 2012 , 137, 832; author reply 833	1.9	6
72	Unresolved discrepancies between cannabinoid test results for infant urine. <i>Clinical Chemistry</i> , 2012 , 58, 1364-7	5.5	8
71	Evolution of promiscuous nuclear hormone receptors: LXR, FXR, VDR, PXR, and CAR. <i>Molecular and Cellular Endocrinology</i> , 2011 , 334, 39-48	4.4	74
70	A comparative study of the sulfation of bile acids and a bile alcohol by the Zebra danio (<i>Danio rerio</i>) and human cytosolic sulfotransferases (SULTs). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 127, 307-14	5.1	7
69	In silico repositioning of approved drugs for rare and neglected diseases. <i>Drug Discovery Today</i> , 2011 , 16, 298-310	8.8	211
68	The evolution of farnesoid X, vitamin D, and pregnane X receptors: insights from the green-spotted pufferfish (<i>Tetraodon nigriviridis</i>) and other non-mammalian species. <i>BMC Biochemistry</i> , 2011 , 12, 5	4.8	32
67	Chemical synthesis of the (25R)- and (25S)-epimers of 3 α ,12 α -dihydroxy-5 β -cholestan-27-oic acid as well as their corresponding glycine and taurine conjugates. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 368-77	3.7	4
66	The discovery of new anesthetics by targeting GABA(A) receptors. <i>Expert Opinion on Drug Discovery</i> , 2011 , 6, 1187-201	6.2	8
65	Pathology consultation on vitamin D testing. <i>American Journal of Clinical Pathology</i> , 2011 , 136, 507-14	1.9	21
64	The clinical pathologist as consultant. <i>American Journal of Clinical Pathology</i> , 2011 , 135, 11-2	1.9	18
63	Therapeutic Drug Monitoring of the Newer Anti-Epilepsy Medications. <i>Pharmaceuticals</i> , 2010 , 3, 1909-1935	13.5	26

62	Bile salts of vertebrates: structural variation and possible evolutionary significance. <i>Journal of Lipid Research</i> , 2010 , 51, 226-46	6.3	251
61	Evaluation of computational docking to identify pregnane X receptor agonists in the ToxCast database. <i>Environmental Health Perspectives</i> , 2010 , 118, 1412-7	8.4	24
60	Educating medical students in laboratory medicine: a proposed curriculum. <i>American Journal of Clinical Pathology</i> , 2010 , 133, 533-42	1.9	52
59	Diversity of bile salts in fish and amphibians: evolution of a complex biochemical pathway. <i>Physiological and Biochemical Zoology</i> , 2010 , 83, 308-21	2	88
58	Drug Interactions with St. John's Wort 2010 , 273-290		
57	COMPLEX EVOLUTION OF BILE SALTS IN BIRDS. <i>Auk</i> , 2010 , 127, 820-831	2.1	16
56	Two farnesoid X receptor alpha isoforms in Japanese medaka (<i>Oryzias latipes</i>) are differentially activated in vitro. <i>Aquatic Toxicology</i> , 2010 , 98, 245-255	5.1	16
55	Therapeutic Drug Monitoring of the Newer Anti-Epilepsy Medications. <i>Pharmaceuticals</i> , 2010 , 3, 1909-1935	3.5	85
54	Major biliary bile acids of the medaka (<i>Oryzias latipes</i>): 25R- and 25S-epimers of 3alpha,7alpha,12alpha-trihydroxy-5beta-cholestanoic acid. <i>Zoological Science</i> , 2010 , 27, 565-73	0.8	8
53	Clinical effects and toxicokinetic evaluation following massive topiramate ingestion. <i>Journal of Medical Toxicology</i> , 2010 , 6, 135-8	2.6	11
52	Evolutionary diversity of bile salts in reptiles and mammals, including analysis of ancient human and extinct giant ground sloth coprolites. <i>BMC Evolutionary Biology</i> , 2010 , 10, 133	3	42
51	Challenges predicting ligand-receptor interactions of promiscuous proteins: the nuclear receptor PXR. <i>PLoS Computational Biology</i> , 2009 , 5, e1000594	5	94
50	Understanding nuclear receptors using computational methods. <i>Drug Discovery Today</i> , 2009 , 14, 486-94	8.8	23
49	Elucidating the Nature of PXR: the case for discovering antagonists or allosteric antagonists. <i>Pharmaceutical Research</i> , 2009 , 26, 1807-15	4.5	52
48	Using molecular similarity to highlight the challenges of routine immunoassay-based drug of abuse/toxicology screening in emergency medicine. <i>BMC Emergency Medicine</i> , 2009 , 9, 5	2.4	48
47	The importance of discerning shape in molecular pharmacology. <i>Trends in Pharmacological Sciences</i> , 2009 , 30, 138-47	13.2	92
46	Cheminformatic methods for predicting interference in drug of abuse/toxicology immunoassays. <i>Clinical Chemistry</i> , 2009 , 55, 1203-13	5.5	33
45	Toxicology laboratory analysis and human exposure to p-chloroaniline. <i>Clinical Toxicology</i> , 2009 , 47, 132-6	6.9	22

44	Molecular similarity methods for predicting cross-reactivity with therapeutic drug monitoring immunoassays. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 337-44	3.2	32
43	Evolution of pharmacologic specificity in the pregnane X receptor. <i>BMC Evolutionary Biology</i> , 2008 , 8, 103	3	81
42	Ligand specificity and evolution of liver X receptors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 110, 83-94	5.1	54
41	Machine learning methods and docking for predicting human pregnane X receptor activation. <i>Chemical Research in Toxicology</i> , 2008 , 21, 1457-67	4	61
40	PXR: a xenobiotic receptor of diverse function implicated in pharmacogenetics. <i>Pharmacogenomics</i> , 2008 , 9, 1695-709	2.6	119
39	Intrinsic disorder in nuclear hormone receptors. <i>Journal of Proteome Research</i> , 2008 , 7, 4359-72	5.6	63
38	Evolution of the bile salt nuclear receptor FXR in vertebrates. <i>Journal of Lipid Research</i> , 2008 , 49, 1577-87.3	7.3	77
37	Molecular characterization of CYP2B6 substrates. <i>Current Drug Metabolism</i> , 2008 , 9, 363-73	3.5	41
36	Human pregnane X receptor antagonists and agonists define molecular requirements for different binding sites. <i>Molecular Pharmacology</i> , 2007 , 72, 592-603	4.3	126
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