

Moustapha Hassan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8103962/moustapha-hassan-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

234
papers

12,088
citations

48
h-index

106
g-index

246
ext. papers

13,446
ext. citations

5.2
avg, IF

5.64
L-index

#	Paper	IF	Citations
234	Endoplasmic reticulum stress inhibits AR expression via the PERK/eIF2 α /ATF4 pathway in luminal androgen receptor triple-negative breast cancer and prostate cancer.. <i>Npj Breast Cancer</i> , 2022 , 8, 2	7.8	2
233	Rhenium Perrhenate (ReO) Induced Apoptosis and Reduced Cancerous Phenotype in Liver Cancer Cells.. <i>Cells</i> , 2022 , 11,	7.9	3
232	Mini review ATF4 and GRP78 as novel molecular targets in ER-Stress modulation for critical COVID-19 patients.. <i>Molecular Biology Reports</i> , 2022 , 49, 1545	2.8	0
231	Novel insights in CAR-NK cells beyond CAR-T cell technology; promising advantages.. <i>International Immunopharmacology</i> , 2022 , 106, 108587	5.8	2
230	N-Acetylcysteine Amide Alleviates Cyclophosphamide-Induced Endothelial Damage. <i>Blood</i> , 2021 , 138, 3821-3821	2.2	
229	Application of Stem Cell-Derived Extracellular Vesicles as an Innovative Theranostics in Microbial Diseases.. <i>Frontiers in Microbiology</i> , 2021 , 12, 785856	5.7	1
228	Functional Nanocarriers for Drug Delivery by Surface Engineering of Polymeric Nanoparticle Post-Polymerization-Induced Self-Assembly. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1045-1056	4.1	9
227	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021 , 15, 3754-3807	16.7	18
226	Mesothelin-Specific CAR T Cells Target Ovarian Cancer. <i>Cancer Research</i> , 2021 , 81, 3022-3035	10.1	5
225	Biodistribution of fluorescence-labelled EGF protein from slow release NanoZolid depots in mouse. <i>International Journal of Pharmaceutics</i> , 2021 , 601, 120588	6.5	
224	Novel molecular targets in gastric adenocarcinoma. <i>Pharmacology & Therapeutics</i> , 2021 , 220, 107714	13.9	7
223	Vitamin D levels and busulphan kinetics in patients undergoing hematopoietic stem cell transplantation, a multicenter study. <i>Bone Marrow Transplantation</i> , 2021 , 56, 807-817	4.4	
222	Smart Materials in Regenerative Medicine. <i>Modern Medical Laboratory Journal</i> , 2021 , 4, 39-51	0.5	0
221	Cyclophosphamide exposure assessed with the biomarker phosphoramidate mustard-hemoglobin in breast cancer patients: The TailorDose I study. <i>Scientific Reports</i> , 2021 , 11, 2707	4.9	1
220	Advanced therapeutic modalities in hepatocellular carcinoma: Novel insights. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 8602-8614	5.6	4
219	Targeted busulfan-based reduced-intensity conditioning and HLA-matched HSCT cure hemophagocytic lymphohistiocytosis. <i>Blood Advances</i> , 2020 , 4, 1998-2010	7.8	15
218	Nanoparticles for imaging application. <i>Frontiers of Nanoscience</i> , 2020 , 67-88	0.7	1

217	A general covalent binding model between cytotoxic selenocompounds and albumin revealed by mass spectrometry and X-ray absorption spectroscopy. <i>Scientific Reports</i> , 2020 , 10, 1274	4.9	5
216	AB0762 METABOLIC SYNDROME IN EGYPTIAN PSORIATIC ARTHRITIS PATIENTS.. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1678.2-1679	2.4	
215	The kidney injury caused by the onset of acute graft-versus-host disease is associated with down-regulation of Klotho. <i>International Immunopharmacology</i> , 2020 , 78, 106042	5.8	2
214	Pharmacokinetic profile of N-acetylcysteine amide and its main metabolite in mice using new analytical method. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 143, 105158	5.1	8
213	β-radiating radionuclides in cancer treatment, novel insight into promising approach. <i>Pharmacological Research</i> , 2020 , 160, 105070	10.2	6
212	Multimodal Imaging of Pancreatic Ductal Adenocarcinoma Using Multifunctional Nanoparticles as Contrast Agents. <i>ACS Applied Materials & Interfaces</i> , 2020 ,	9.5	10
211	Response to Kawedia et al Letter to Editor in Response to the Article by McCune Et Al "Harmonization of Busulfan Plasma Exposure Unit (BPEU): A Community-Initiated Consensus Statement". <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, e235-e236	4.7	
210	Population Pharmacokinetic, Pharmacogenetic, and Pharmacodynamic Analysis of Cyclophosphamide in Ethiopian Breast Cancer Patients. <i>Frontiers in Pharmacology</i> , 2020 , 11, 406	5.6	3
209	Extracellular Albumin Covalently Sequesters Selenocompounds and Determines Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
208	Degradation of pristine and oxidized single wall carbon nanotubes by CYP3A4. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 515, 487-492	3.4	3
207	CYP2J27 Genotype Predicts Risk of Chemotherapy-Induced Hematologic Toxicity and Reduced Relative Dose Intensity in Ethiopian Breast Cancer Patients. <i>Frontiers in Pharmacology</i> , 2019 , 10, 481	5.6	5
206	Sustained overexpression of neuropeptide S in the amygdala reduces anxiety-like behavior in rats. <i>Behavioural Brain Research</i> , 2019 , 367, 28-34	3.4	5
205	CT Scanning and MATLAB Calculations for Preservation of Coptic Mural Paintings in Historic Egyptian Monasteries. <i>Scientific Reports</i> , 2019 , 9, 3903	4.9	4
204	Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. <i>Lancet, The</i> , 2019 , 394, 1907-1914	4.0	48
203	Harmonization of Busulfan Plasma Exposure Unit (BPEU): A Community-Initiated Consensus Statement. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1890-1897	4.7	15
202	Bone and hormonal status 10 years post-allogeneic bone marrow transplantation. <i>Clinical Transplantation</i> , 2019 , 33, e13742	3.8	1
201	Tracking stem cells and macrophages with gold and iron oxide nanoparticles ¶The choice of the best suited particles. <i>Applied Materials Today</i> , 2019 , 15, 267-279	6.6	26
200	PI3K/Akt and Nrf2/HO-1 pathways involved in the hepatoprotective effect of verapamil against thioacetamide toxicity in rats. <i>Human and Experimental Toxicology</i> , 2019 , 38, 381-388	3.4	2

199	Bee Venom Composition: From Chemistry to Biological Activity. <i>Studies in Natural Products Chemistry</i> , 2019 , 60, 459-484	1.5	18
198	Advances in nanotechnology for cancer biomarkers. <i>Nano Today</i> , 2018 , 18, 103-123	17.9	51
197	Mathematical modeling of tumor-induced immunosuppression by myeloid-derived suppressor cells: Implications for therapeutic targeting strategies. <i>Journal of Theoretical Biology</i> , 2018 , 442, 1-10	2.3	16
196	Downregulation of miR-1266-5P, miR-185-5P and miR-30c-2 in prostatic cancer tissue and cell lines. <i>Oncology Letters</i> , 2018 , 15, 8157-8164	2.6	18
195	miR-1266-5p and miR-185-5p Promote Cell Apoptosis in Human Prostate Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 2305-2311	1.7	15
194	The effect of N-acetyl-l-cysteine (NAC) on liver toxicity and clinical outcome after hematopoietic stem cell transplantation. <i>Scientific Reports</i> , 2018 , 8, 8293	4.9	6
193	Sex-dependent behavior, neuropeptide profile and antidepressant response in rat model of depression. <i>Behavioural Brain Research</i> , 2018 , 351, 93-103	3.4	8
192	Cold isostatic pressing of hydrating calcium sulfate as a means to produce parenteral slow-release drug formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 46, 482-489	4.5	3
191	G-CSF mobilized peripheral blood stem cell collection for allogeneic transplantation in healthy donors: Analysis of factors affecting yield. <i>Journal of Clinical Apheresis</i> , 2017 , 32, 384-391	3.2	5
190	Switch of Steady-State to an Accelerated Granulopoiesis in Response to <i>Androctonus australis</i> hector Venom. <i>Inflammation</i> , 2017 , 40, 871-883	5.1	6
189	Differential effects of low-dose fludarabine or 5-fluorouracil on the tumor growth and myeloid derived immunosuppression status of tumor-bearing mice. <i>International Immunopharmacology</i> , 2017 , 47, 173-181	5.8	3
188	Development of an assay for cellular efflux of pharmaceutically active agents and its relevance to understanding drug interactions. <i>Experimental Hematology</i> , 2017 , 52, 65-71	3.1	5
187	SERS Quantification and Characterization of Proteins and Other Biomolecules. <i>Langmuir</i> , 2017 , 33, 9711-9730	7.30	80
186	Toxicological effects of fludarabine and treosulfan conditioning before allogeneic stem-cell transplantation. <i>International Journal of Hematology</i> , 2017 , 106, 471-475	2.3	8
185	Rapid and Robust Quantification of p-Xyleneselenocyanate in Plasma via Derivatization. <i>Analytical Chemistry</i> , 2017 , 89, 7586-7592	7.8	4
184	Importance of the surface chemistry of nanoparticles on peroxidase-like activity. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 491, 15-18	3.4	14
183	Flavin-containing monooxygenase 3 (FMO3) role in busulphan metabolic pathway. <i>PLoS ONE</i> , 2017 , 12, e0187294	3.7	10
182	A comparative study of adjustable and non-adjustable sutures in primary horizontal muscle surgery in children. <i>Eye</i> , 2016 , 30, 1447-1451	4.4	15

181	Development and biodistribution of a theranostic aluminum phthalocyanine nanophotosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016 , 13, 48-57	3.5	15
180	Commentary: Impact of a deletion of the full-length and short isoform of p75NTR on cholinergic innervation and the population of postmitotic doublecortin positive cells in the dentate gyrus. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 14	3.6	2
179	Association of busulfan exposure with survival and toxicity after haemopoietic cell transplantation in children and young adults: a multicentre, retrospective cohort analysis. <i>Lancet Haematology</i> , 2016 , 3, e526-e536	14.6	130
178	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 82	9.4	21
177	Suppressive effects of low-dose 5-fluorouracil, busulfan or treosulfan on the expansion of circulatory neutrophils and myeloid derived immunosuppressor cells in tumor-bearing mice. <i>International Immunopharmacology</i> , 2016 , 40, 41-49	5.8	5
176	Personalizing Busulfan-Based Conditioning: Considerations from the American Society for Blood and Marrow Transplantation Practice Guidelines Committee. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 1915-1925	4.7	82
175	DNA damage, lysosomal degradation and Bcl-xL deamidation in doxycycline- and minocycline-induced cell death in the K562 leukemic cell line. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 463, 268-74	3.4	14
174	Transplanted Bone Marrow-Derived Cells Contribute to Human Adipogenesis. <i>Cell Metabolism</i> , 2015 , 22, 408-17	24.6	61
173	Complement activation is involved in the hepatic injury caused by high-dose exposure of mice to perfluorooctanoic acid. <i>Chemosphere</i> , 2015 , 129, 225-31	8.4	9
172	The effect of circadian rhythm on pharmacokinetics and metabolism of the Cdk inhibitor, roscovitine, in tumor mice model. <i>Chronobiology International</i> , 2015 , 32, 608-14	3.6	13
171	Fluorescence labeled microbubbles for multimodal imaging. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 737-42	3.4	24
170	Cytochrome P450 2J2, a new key enzyme in cyclophosphamide bioactivation and a potential biomarker for hematological malignancies. <i>Pharmacogenomics Journal</i> , 2015 , 15, 405-13	3.5	14
169	Immunotoxicological effects of streptozotocin and alloxan: in vitro and in vivo studies. <i>Immunology Letters</i> , 2015 , 163, 193-8	4.1	14
168	Cytochrome P450 Oxidoreductase Influences CYP2B6 Activity in Cyclophosphamide Bioactivation. <i>PLoS ONE</i> , 2015 , 10, e0141979	3.7	19
167	Personalized Treatment: The Future of Medicine. A Perspective on the Preconditioning for Stem Cell Transplantation. <i>MOJ Cell Science & Report</i> , 2015 , 2,		1
166	Biodegradable polymeric vesicles containing magnetic nanoparticles, quantum dots and anticancer drugs for drug delivery and imaging. <i>Biomaterials</i> , 2014 , 35, 3885-94	15.6	180
165	The nanoparticulate Quillaja saponin KGI exerts anti-proliferative effects by down-regulation of cell cycle molecules in U937 and HL-60 human leukemia cells. <i>Leukemia and Lymphoma</i> , 2014 , 55, 1618-24	1.9	
164	Reduced-intensity conditioning and HLA-matched haemopoietic stem-cell transplantation in patients with chronic granulomatous disease: a prospective multicentre study. <i>Lancet, The</i> , 2014 , 383, 436-48	40	259

163	Posaconazole concentrations in human tissues after allogeneic stem cell transplantation. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4941-3	5.9	16
162	Real-time assessment of tissue hypoxia in vivo with combined photoacoustics and high-frequency ultrasound. <i>Theranostics</i> , 2014 , 4, 604-13	12.1	89
161	Rat islets are not rejected by anti-islet antibodies in mice treated with costimulation blockade. <i>Xenotransplantation</i> , 2014 , 21, 353-66	2.8	3
160	DYNAMIC MR IMAGING, BIODISTRIBUTION AND PHARMACOKINETICS OF POLYMER SHELLLED MICROBUBBLES CONTAINING SPION. <i>Nano</i> , 2014 , 09, 1450069	1.1	5
159	Diabetes, antidiabetic medications, and pancreatic cancer risk: an analysis from the International Pancreatic Cancer Case-Control Consortium. <i>Annals of Oncology</i> , 2014 , 25, 2065-2072	10.3	140
158	Comparison of algorithms for oral busulphan area under the concentration-time curve limited sampling estimate. <i>Clinical Drug Investigation</i> , 2014 , 34, 43-52	3.2	5
157	Cyclophosphamide alters the gene expression profile in patients treated with high doses prior to stem cell transplantation. <i>PLoS ONE</i> , 2014 , 9, e86619	3.7	7
156	Busulphan Metabolism Via Flavin-Containing Monooxygenase 3 (FMO3) Can Explain Several Interactions with Other Drugs. <i>Blood</i> , 2014 , 124, 1150-1150	2.2	
155	Early-phase GVHD gene expression profile in target versus non-target tissues: kidney, a possible target?. <i>Bone Marrow Transplantation</i> , 2013 , 48, 284-93	4.4	18
154	Multimodality imaging using SPECT/CT and MRI and ligand functionalized 99mTc-labeled magnetic microbubbles. <i>EJNMMI Research</i> , 2013 , 3, 12	3.6	26
153	Sub-acute, moderate-dose, but not short-term, low-dose dietary pre-exposure of mice to perfluorooctanoate aggravates concanavalin A-induced hepatitis. <i>Toxicology Letters</i> , 2013 , 219, 1-7	4.4	7
152	Pharmacokinetics and biodistribution of the cyclin-dependent kinase inhibitor -CR8- in mice. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14, 50	2.6	7
151	Enhancing ex vivo expansion of cord blood-derived unrestricted somatic stem cells for clinical applications. <i>Cell Proliferation</i> , 2013 , 46, 628-36	7.9	3
150	Both sub-acute, moderate-dose and short-term, low-dose dietary exposure of mice to perfluorooctane sulfonate exacerbates concanavalin A-induced hepatitis. <i>Toxicology Letters</i> , 2013 , 217, 67-74	4.4	14
149	Role of pharmacogenetics in busulfan/cyclophosphamide conditioning therapy prior to hematopoietic stem cell transplantation. <i>Pharmacogenomics</i> , 2013 , 14, 75-87	2.6	36
148	Gas chromatographic-mass spectrometry method for the detection of busulphan and its metabolites in plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 913-914, 98-105	3.2	13
147	Thermostable luciferase from <i>Luciola cruciate</i> for imaging of carbon nanotubes and carbon nanotubes carrying doxorubicin using in vivo imaging system. <i>Nano Letters</i> , 2013 , 13, 1393-8	11.5	28
146	Increased risk of gastrointestinal acute GVHD following the addition of melphalan to busulfan/cyclophosphamide conditioning. <i>Pediatric Transplantation</i> , 2013 , 17, 285-93	1.8	11

145	Omega-3 from fish oil augments GVHD through the enhancement of chemotherapy conditioning regimen and selective FoxP3 depletion. <i>Bone Marrow Transplantation</i> , 2013 , 48, 843-8	4.4	4
144	Biodistribution, kinetics, and biological fate of SPION microbubbles in the rat. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3241-54	7.3	22
143	The role of programmed cell death ligand-1 (PD-L1/CD274) in the development of graft versus host disease. <i>PLoS ONE</i> , 2013 , 8, e60367	3.7	11
142	Activation of Wnt/ β -catenin pathway in monocytes derived from chronic kidney disease patients. <i>PLoS ONE</i> , 2013 , 8, e68937	3.7	18
141	Skin Cancer Detection Using Temperature Variation Analysis. <i>Engineering</i> , 2013 , 05, 18-21	0.4	3
140	From Roscovitine to CYC202 to Seliciclib [From bench to bedside: discovery and development. <i>BioDiscovery</i> , 2013 ,		4
139	Cigarette smoking and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (Panc4). <i>Annals of Oncology</i> , 2012 , 23, 1880-8	10.3	217
138	Busulphan-cyclophosphamide cause endothelial injury, remodeling of resistance arteries and enhanced expression of endothelial nitric oxide synthase. <i>PLoS ONE</i> , 2012 , 7, e30897	3.7	20
137	Alcohol consumption and pancreatic cancer: a pooled analysis in the International Pancreatic Cancer Case-Control Consortium (PanC4). <i>Annals of Oncology</i> , 2012 , 23, 374-82	10.3	134
136	Omega-3 From Fish Oil Augments Gvhd Through the Enhancement of Chemotherapy Conditioning Regimen and Selective Foxp3 Depletion. <i>Blood</i> , 2012 , 120, 4671-4671	2.2	
135	Inhibition of proteasome deubiquitinating activity as a new cancer therapy. <i>Nature Medicine</i> , 2011 , 17, 1636-40	50.5	359
134	Improved survival after allogeneic hematopoietic stem cell transplantation in recent years. A single-center study. <i>Biology of Blood and Marrow Transplantation</i> , 2011 , 17, 1688-97	4.7	106
133	Therapeutic drug monitoring is essential for intravenous busulfan therapy in pediatric hematopoietic stem cell recipients. <i>Pediatric Transplantation</i> , 2011 , 15, 580-8	1.8	59
132	Long-term salivary function after conditioning with busulfan, fractionated or single-dose TBI. <i>Oral Diseases</i> , 2011 , 17, 670-6	3.5	8
131	N-acetyl-L-cysteine increases acute graft-versus-host disease and promotes T-cell-mediated immunity in vitro. <i>European Journal of Immunology</i> , 2011 , 41, 1143-53	6.1	9
130	Reply to Are cohort data on smokeless tobacco use and pancreatic cancer confounded by alcohol use?. <i>Annals of Oncology</i> , 2011 , 22, 1931-1932	10.3	
129	Cigar and pipe smoking, smokeless tobacco use and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (PanC4). <i>Annals of Oncology</i> , 2011 , 22, 1420-1426	10.3	58
128	The Role of Pharmacokinetics and Pharmacodynamics in Early Drug Development with reference to the Cyclin-dependent Kinase (Cdk) Inhibitor - Roscovitine. <i>Sultan Qaboos University Medical Journal</i> , 2011 , 11, 165-78	0.9	7

127	Dynamics of early histopathological changes in GVHD after busulphan/cyclophosphamide conditioning regimen. <i>International Journal of Clinical and Experimental Pathology</i> , 2011 , 4, 596-605	1.4	8
126	Expansion and activation kinetics of immune cells during early phase of GVHD in mouse model based on chemotherapy conditioning. <i>Clinical and Developmental Immunology</i> , 2010 , 2010, 142943		14
125	Successful Half-Dose Busulfan/Full-Dose Fludarabine Based Reduced Intensity Conditioning In High-Risk Pediatric And Adult Chronic Granulomatous Disease (CGD) Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2010 , 16, S181-S182	4.7	6
124	Performance testing of selected types of electronic personal dosimeters used in Sudan. <i>Radiation Measurements</i> , 2010 , 45, 1582-1584	1.5	2
123	Calibration of radiation protection area monitoring instruments in Sudan. <i>Radiation Measurements</i> , 2010 , 45, 1578-1581	1.5	4
122	Circadian variability of bilirubin in healthy men during normal sleep and after an acute shift of sleep. <i>Chronobiology International</i> , 2009 , 26, 1613-21	3.6	20
121	LIVER CIRCADIAN CLOCK, A PHARMACOLOGIC TARGET OF CYCLIN-DEPENDENT KINASE INHIBITOR SELICICLIB. <i>Chronobiology International</i> , 2009 , 26, 1169-1188	3.6	
120	Liver circadian clock, a pharmacologic target of cyclin-dependent kinase inhibitor seliciclib. <i>Chronobiology International</i> , 2009 , 26, 1169-88	3.6	32
119	Dynamics of fat cell turnover in humans. <i>Nature</i> , 2008 , 453, 783-7	50.4	1612
118	GVHD after chemotherapy conditioning in allogeneic transplanted mice. <i>Bone Marrow Transplantation</i> , 2008 , 42, 807-18	4.4	35
117	Safe administration of oral BU twice daily during conditioning for stem cell transplantation in a paediatric population: a comparative study between the standard 4-dose and a 2-dose regimen. <i>Bone Marrow Transplantation</i> , 2008 , 41, 621-5	4.4	4
116	A prospective randomized study using N-acetyl-L-cysteine for early liver toxicity after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2008 , 41, 785-90	4.4	31
115	The effect of administration order of BU and CY on engraftment and toxicity in HSCT mouse model. <i>Bone Marrow Transplantation</i> , 2008 , 41, 895-904	4.4	22
114	Hypomethylation and apoptosis in 5-azacytidine-treated myeloid cells. <i>Experimental Hematology</i> , 2008 , 36, 149-57	3.1	55
113	Age-dependent pharmacokinetics and effect of roscovitine on Cdk5 and Erk1/2 in the rat brain. <i>Pharmacological Research</i> , 2008 , 58, 32-7	10.2	25
112	Rapid and Sensitive Method for Determination of Cyclophosphamide in Patients Plasma Samples Utilizing Microextraction by Packed Sorbent Online with Liquid Chromatography-Tandem Mass Spectrometry (MEPS-LC-MS/MS). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 683-694	1.3	48
111	N-&N, a new class of cell death-inducing kinase inhibitors derived from the purine roscovitine. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2713-24	6.1	45
110	Evaluation of immune responses to seasonal influenza vaccination in healthy volunteers and in patients after stem cell transplantation. <i>Transplantation</i> , 2008 , 86, 257-63	1.8	64

109	Endometrial endothelial cells are derived from donor stem cells in a bone marrow transplant recipient. <i>Human Reproduction</i> , 2008 , 23, 139-43	5.7	107
108	Cyclophosphamide Pharmacokinetics in Mice: A Comparison Between Retro Orbital Sampling Versus Serial Tail Vein Bleeding. <i>The Open Pharmacology Journal</i> , 2008 , 1, 30-35	0.3	6
107	The Effect of Omega-3 as a Dietary Supplement in a Mouse Model of Stem Cell Transplantation (SCT). <i>Blood</i> , 2008 , 112, 4602-4602	2.2	
106	Immunopathology of ATG Prior to Bone Marrow Transplantation in Mouse Model. <i>Blood</i> , 2008 , 112, 4603-4603	2.2	
105	Simultaneous Determination of Busulphan in Plasma Samples by Liquid Chromatography-electrospray Ionization Mass Spectrometry Utilizing Microextraction in Packed Syringe (MEPS) as On-line Sample Preparation Method. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007 , 30, 3029-3041	1.3	44
104	The effect of repeated administration of cyclophosphamide on cytochrome P450 2B in rats. <i>Clinical Cancer Research</i> , 2007 , 13, 4218-24	12.9	8
103	Higher plasma but not intracellular concentrations after infusion with liposomal daunorubicin compared with conventional daunorubicin in adult acute myeloid leukemia. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 626-31	3.2	6
102	Evaluation of Immune Responses to Seasonal Influenza Vaccination in Healthy Volunteers and in Patients after Stem Cell Transplantation.. <i>Blood</i> , 2007 , 110, 2993-2993	2.2	
101	A New Mice Model of Graft Versus Host Disease Based on Chemotherapy Conditioning.. <i>Blood</i> , 2007 , 110, 4880-4880	2.2	
100	A pharmacodynamic study of 5-azacytidine in the P39 cell line. <i>Experimental Hematology</i> , 2006 , 34, 35-43	3.1	19
99	Myeloablative and immunosuppressive properties of treosulfan in mice. <i>Experimental Hematology</i> , 2006 , 34, 115-21	3.1	67
98	Pharmacogenetics of cyclophosphamide in patients with hematological malignancies. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 27, 54-61	5.1	94
97	Inhibitory effect of 5-fluorouracil on cytochrome P450 2C9 activity in cancer patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006 , 98, 197-200	3.1	30
96	Correction of X-linked chronic granulomatous disease by gene therapy, augmented by insertional activation of MDS1-EVI1, PRDM16 or SETBP1. <i>Nature Medicine</i> , 2006 , 12, 401-9	50.5	977
95	Impact on the cytomegalovirus (CMV) viral load by CMV-specific T-cell immunity in recipients of allogeneic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2006 , 38, 687-92	4.4	28
94	Effect of Busulphan Dose Adjustment on Regimen-Related Toxicity.. <i>Blood</i> , 2006 , 108, 314-314	2.2	
93	Cyclophosphamide induces mRNA, protein and enzyme activity of cytochrome P450 in rat. <i>Xenobiotica</i> , 2005 , 35, 239-51	2	11
92	Fetal mesenchymal stem-cell engraftment in bone after in utero transplantation in a patient with severe osteogenesis imperfecta. <i>Transplantation</i> , 2005 , 79, 1607-14	1.8	344

91	Development and validation of a liquid chromatography and tandem mass spectrometry method for determination of roscovitine in plasma and urine samples utilizing on-line sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 817, 303-7	3.2	77
90	Stability, pKa and plasma protein binding of roscovitine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 821, 75-80	3.2	43
89	Microextraction in packed syringe/liquid chromatography/electrospray tandem mass spectrometry for quantification of olomoucine in human plasma samples. <i>Analytica Chimica Acta</i> , 2005 , 539, 35-39	6.6	58
88	Exposure to mercuric chloride during the induction phase and after the onset of collagen-induced arthritis enhances immune/autoimmune responses and exacerbates the disease in DBA/1 mice. <i>Immunology</i> , 2005 , 114, 428-37	7.8	18
87	Bacterial lipopolysaccharide both renders resistant mice susceptible to mercury-induced autoimmunity and exacerbates such autoimmunity in susceptible mice. <i>Clinical and Experimental Immunology</i> , 2005 , 141, 238-47	6.2	27
86	Cell-mediated immune responses to influenza vaccination in healthy volunteers and allogeneic stem cell transplant recipients. <i>Bone Marrow Transplantation</i> , 2005 , 36, 411-5	4.4	25
85	Tissue distribution, pharmacokinetics and identification of roscovitine metabolites in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 25, 91-103	5.1	49
84	Effect of altering administration order of busulphan and cyclophosphamide on the myeloablative and immunosuppressive properties of the conditioning regimen in mice. <i>Experimental Hematology</i> , 2005 , 33, 380-7	3.1	19
83	The effect of ciprofloxacin on cyclophosphamide pharmacokinetics in patients with non-Hodgkin lymphoma. <i>European Journal of Haematology</i> , 2005 , 75, 206-11	3.8	5
82	Long-Term Follow-Up of Patients Treated by Gene Therapy for X-Linked Chronic Granulomatous Disease.. <i>Blood</i> , 2005 , 106, 194-194	2.2	1
81	The Effect of Repeated Administration of Cyclophosphamide on CYP2B1 and 2B2 in Rat.. <i>Blood</i> , 2005 , 106, 4460-4460	2.2	
80	Analysis of roscovitine using novel high performance liquid chromatography and UV-detection method: pharmacokinetics of roscovitine in rat. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 425-31	3.5	17
79	Treatment of severe acute graft-versus-host disease with third party haploidentical mesenchymal stem cells. <i>Lancet, The</i> , 2004 , 363, 1439-41	4.0	2237
78	Lung epithelial cells and type II pneumocytes of donor origin after allogeneic hematopoietic stem cell transplantation. <i>Transplantation</i> , 2004 , 78, 154-7	1.8	64
77	Quantitative Pharmacogenetics of Cyclophosphamide in Patients with Hematological Malignancies.. <i>Blood</i> , 2004 , 104, 4604-4604	2.2	
76	Gene Therapy for X-Linked Chronic Granulomatous Disease.. <i>Blood</i> , 2004 , 104, 409-409	2.2	
75	Evaluation of Existing Limited Sampling Models for Therapeutic Drug Monitoring of Busulphan in Children and Adults Undergoing SCT.. <i>Blood</i> , 2004 , 104, 1150-1150	2.2	
74	On-line derivatization utilizing solid-phase microextraction (SPME) for determination of busulphan in plasma using gas chromatography-mass spectrometry (GC-MS). <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 400-6	3.2	39

73	Bioactivation of cyclophosphamide: the role of polymorphic CYP2C enzymes. <i>European Journal of Clinical Pharmacology</i> , 2003 , 59, 103-9	2.8	56
72	Alteration of pharmacokinetics of cyclophosphamide and suppression of the cytochrome p450 genes by ciprofloxacin. <i>Bone Marrow Transplantation</i> , 2003 , 31, 197-203	4.4	32
71	The effect of metronidazole on busulfan pharmacokinetics in patients undergoing hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2003 , 31, 429-35	4.4	45
70	N-acetyl-L-cysteine does not affect the pharmacokinetics or myelosuppressive effect of busulfan during conditioning prior to allogeneic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2003 , 32, 349-54	4.4	24
69	Fractionated TBI correlates with less T cell mixed chimerism but increased risk of relapse compared to busulphan in patients with haematological malignancies after allogeneic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2003 , 32, 477-83	4.4	5
68	Role of polymorphic human CYP2B6 in cyclophosphamide bioactivation. <i>Pharmacogenomics Journal</i> , 2003 , 3, 53-61	3.5	180
67	Immunization of colorectal carcinoma patients with a recombinant canarypox virus expressing the tumor antigen Ep-CAM/KSA (ALVAC-KSA) and granulocyte macrophage colony- stimulating factor induced a tumor-specific cellular immune response. <i>Clinical Cancer Research</i> , 2003 , 9, 2447-56	12.9	42
66	Effect of cyclophosphamide on gene expression of cytochromes p450 and beta-actin in the HL-60 cell line. <i>European Journal of Pharmacology</i> , 2002 , 449, 197-205	5.3	15
65	The effect of modulation of glutathione cellular content on busulphan-induced cytotoxicity on hematopoietic cells in vitro and in vivo. <i>Bone Marrow Transplantation</i> , 2002 , 30, 141-7	4.4	34
64	A phase II trial of liposomal busulphan as an intravenous myeloablative agent prior to stem cell transplantation: 500 mg/m ² as a optimal total dose for conditioning. <i>Bone Marrow Transplantation</i> , 2002 , 30, 833-41	4.4	18
63	Simple method based on fluorescent detection for the determination of 4-hydroxycyclophosphamide in plasma. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 405-9	3.2	16
62	The vitamin A analogues: 13-cis retinoic acid, 9-cis retinoic acid, and Ro 13-6307 inhibit neuroblastoma tumour growth in vivo. <i>Medical and Pediatric Oncology</i> , 2001 , 36, 127-31		25
61	Population pharmacokinetic analysis resulting in a tool for dose individualization of busulphan in bone marrow transplantation recipients. <i>Bone Marrow Transplantation</i> , 2001 , 28, 657-64	4.4	53
60	The pharmacodynamic effect of busulfan in the P39 myeloid cell line in vitro. <i>Leukemia</i> , 2001 , 15, 1240-7	10.7	27
59	Bioavailability and dose-dependent anti-tumour effects of 9-cis retinoic acid on human neuroblastoma xenografts in rat. <i>British Journal of Cancer</i> , 2001 , 85, 2004-9	8.7	11
58	Pharmacokinetics of liposomal busulphan in man. <i>Bone Marrow Transplantation</i> , 2001 , 27, 479-85	4.4	23
57	Evidence that the major oxysterols in human circulation originate from distinct pools of cholesterol: a stable isotope study. <i>Journal of Lipid Research</i> , 2001 , 42, 70-78	6.3	69
56	Evidence that the major oxysterols in human circulation originate from distinct pools of cholesterol: a stable isotope study. <i>Journal of Lipid Research</i> , 2001 , 42, 70-8	6.3	61

55	Alteration of interleukin 2 (IL-2) pharmacokinetics and function by IL-2 antibodies induced after treatment of colorectal carcinoma patients with a combination of monoclonal antibody 17-1A, granulocyte macrophage colony-stimulating factor, and IL-2. <i>Clinical Cancer Research</i> , 2001 , 7, 1163-70	12.9	16
54	Capillary Gas Chromatography of Trichlorophenols Using Ammonia as Carrier Gas. <i>Journal of High Resolution Chromatography</i> , 2000 , 23, 156-157		
53	A phase I/II study of multiple-dose intravenous busulfan as myeloablation prior to stem cell transplantation. <i>Leukemia</i> , 2000 , 14, 1954-9	10.7	38
52	The effect of busulphan on the pharmacokinetics of cyclophosphamide and its 4-hydroxy metabolite: time interval influence on therapeutic efficacy and therapy-related toxicity. <i>Bone Marrow Transplantation</i> , 2000 , 25, 915-24	4.4	110
51	Ketobemidone may alter busulfan pharmacokinetics during high-dose therapy. <i>Therapeutic Drug Monitoring</i> , 2000 , 22, 383-5	3.2	14
50	The influence of interferon-alpha on the pharmacokinetics of cyclophosphamide and its 4-hydroxy metabolite in patients with multiple myeloma. <i>European Journal of Haematology</i> , 1999 , 63, 163-70	3.8	19
49	A mechanism-based pharmacokinetic-enzyme model for cyclophosphamide autoinduction in breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 1999 , 48, 669-77	3.8	52
48	The role of busulfan in bone marrow transplantation. <i>Medical Oncology and Tumor Pharmacotherapy</i> , 1999 , 16, 166-76		52
47	In vivo dynamic distribution of ¹³¹ I-glucagon-like peptide-1 (7-36) amide in the rat studied by gamma camera. <i>Nuclear Medicine and Biology</i> , 1999 , 26, 413-20	2.1	51
46	Biodistribution of liposomal ¹³¹ I-VIP in rat using gamma camera. <i>Nuclear Medicine and Biology</i> , 1999 , 26, 931-6	2.1	17
45	In vivo evaluation of the biodistribution of ¹¹ C-labeled PD153035 in rats without and with neuroblastoma implants. <i>Life Sciences</i> , 1999 , 65, 165-74	6.8	43
44	The somatostatin analogue octreotide inhibits neuroblastoma growth in vivo. <i>Pediatric Research</i> , 1999 , 46, 328-32	3.2	17
43	Liposomal busulphan: bioavailability and effect on bone marrow in mice. <i>Bone Marrow Transplantation</i> , 1998 , 22, 913-8	4.4	20
42	Pharmacokinetics and distribution of liposomal busulfan in the rat: a new formulation for intravenous administration. <i>Cancer Chemotherapy and Pharmacology</i> , 1998 , 42, 471-8	3.5	18
41	Somatostatin in neuroblastoma and ganglioneuroma. <i>European Journal of Cancer</i> , 1997 , 33, 2084-9	7.5	39
40	High busulfan concentrations are associated with increased transplant-related mortality in allogeneic bone marrow transplant patients. <i>Bone Marrow Transplantation</i> , 1997 , 20, 909-13	4.4	102
39	Enantiomer separation of underivatized tocainide and related compounds by CGC using ammonia as carrier gas. <i>Journal of Separation Science</i> , 1996 , 8, 151-156		4
38	Aspects concerning busulfan pharmacokinetics and bioavailability. <i>Leukemia and Lymphoma</i> , 1996 , 22, 395-407	1.9	48

37	Infection-associated hemophagocytic syndrome complicated by infectious lymphoproliferation: a case report. <i>Pediatric Hematology and Oncology</i> , 1996 , 13, 143-50	1.7	8
36	Enantiomer separation of underivatized tocinide and related compounds by CGC using ammonia as carrier gas 1996 , 8, 151		1
35	Busulphan kinetics and limited sampling model in children with leukemia and inherited disorders. <i>Bone Marrow Transplantation</i> , 1996 , 18, 843-50	4.4	51
34	Kinetics and metabolism of 2-chloro-2Pdeoxyadenosine and 2-chloro-2Parabino-fluoro-2Pdeoxyadenosine in the isolated perfused rat liver. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1995 , 20, 225-32	2.7	9
33	One Year on Tacrine (THA): Clinical and Biochemical Effects in Patients With Dementia of the Alzheimer Type. <i>International Psychogeriatrics</i> , 1995 , 7, 75-83	3.4	5
32	Effect of ammonia on the response of the electron capture detector (ECD). <i>Journal of High Resolution Chromatography</i> , 1995 , 18, 757-759		2
31	Busulfan concentration in relation to permanent alopecia in recipients of bone marrow transplants. <i>Bone Marrow Transplantation</i> , 1995 , 15, 869-71	4.4	41
30	Induction of anti-recombinant human granulocyte-macrophage colony-stimulating factor (Escherichia coli-derived) antibodies and clinical effects in nonimmunocompromised patients. <i>Blood</i> , 1994 , 84, 4078-4087	2.2	87
29	Busulfan bioavailability. <i>Blood</i> , 1994 , 84, 2144-2150	2.2	175
28	Effect of ammonia on the response of the nitrogen phosphorus detector (NPD). <i>Journal of Separation Science</i> , 1994 , 6, 369-372		2
27	Effect of ammonia carrier gas on the response of the flame ionization detector. <i>Journal of High Resolution Chromatography</i> , 1994 , 17, 723-726		5
26	In vivo dynamical distribution of ¹³¹ I-VIP in the rat studied by gamma-camera. <i>Nuclear Medicine and Biology</i> , 1994 , 21, 865-72	2.1	25
25	Tacrine in Alzheimer's disease. <i>International Clinical Psychopharmacology</i> , 1994 , 9, 263-270	2.2	4
24	Busulfan bioavailability. <i>Blood</i> , 1994 , 84, 2144-50	2.2	35
23	Busulfan bioavailability. <i>Blood</i> , 1994 , 84, 2144-2150	2.2	2
22	Influence of prophylactic anticonvulsant therapy on high-dose busulphan kinetics. <i>Cancer Chemotherapy and Pharmacology</i> , 1993 , 33, 181-6	3.5	114
21	Mixture of ammonia and helium as a carrier gas for capillary gas chromatography. <i>Journal of Separation Science</i> , 1993 , 5, 537-542		6
20	On the bioavailability of oral and subcutaneous 2-chloro-2Pdeoxyadenosine in humans: alternative routes of administration. <i>Journal of Clinical Oncology</i> , 1992 , 10, 1514-8	2.2	116

19	In vivo distribution of [¹¹ C]-busulfan in cynomolgus monkey and in the brain of a human patient. <i>Cancer Chemotherapy and Pharmacology</i> , 1992 , 30, 81-5	3.5	25
18	¹¹ C-labeling of busulphan. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1991 , 42, 1055-9		6
17	Capillary gas chromatography of chlorophenols with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , 1991 , 14, 284-287		10
16	Pharmacokinetics of high-dose busulphan in relation to age and chronopharmacology. <i>Cancer Chemotherapy and Pharmacology</i> , 1991 , 28, 130-4	3.5	133
15	Capillary gas chromatography of amines with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , 1990 , 13, 252-256		21
14	Pharmacokinetic and metabolic studies of high-dose busulphan in adults. <i>European Journal of Clinical Pharmacology</i> , 1989 , 36, 525-30	2.8	125
13	Synthesis of [¹¹ C]sodium thiocyanate for in vivo studies of anion kinetics using positron emission tomography (PET). <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , 1989 , 16, 741-6		4
12	Ultrastructural and hormonal metabolic studies of rat liver maintained in vitro by perfusion at 30 degrees C and 37 degrees C: a time course study by TEM, SEM and RIA. <i>Histology and Histopathology</i> , 1989 , 4, 411-9	1.4	
11	Cerebrospinal fluid and plasma concentrations of busulfan during high-dose therapy. <i>Bone Marrow Transplantation</i> , 1989 , 4, 113-4	4.4	44
10	Determination of busulfan in human plasma by gas chromatography with electron-capture detection. <i>Biomedical Applications</i> , 1988 , 434, 330		3
9	Pharmacokinetic and metabolic studies of busulfan in rat plasma and brain. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1988 , 13, 301-5	2.7	27
8	Metabolism of ¹⁴ C-busulfan in isolated perfused rat liver. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1987 , 12, 71-6	2.7	45
7	Urinary metabolites of busulfan in the rat. <i>Drug Metabolism and Disposition</i> , 1987 , 15, 399-402	4	35
6	Degradation of busulfan in aqueous solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1986 , 4, 95-101	3.5	32
5	Binding of busulfan to plasma proteins and blood cells. <i>Journal of Pharmacy and Pharmacology</i> , 1984 , 36, 694-6	4.8	29
4	Gas chromatographic determination of busulfan in plasma with electron-capture detection. <i>Biomedical Applications</i> , 1983 , 277, 374-80		66
3	Determination of busulfan in plasma by GC-MS with selected-ion monitoring. <i>Journal of Pharmaceutical Sciences</i> , 1983 , 72, 1203-5	3.9	49
2	Busulfan kinetics. <i>Clinical Pharmacology and Therapeutics</i> , 1983 , 34, 86-9	6.1	48

- 1 Chemistry of the Sudanese flora. I. Essential oils of some Cymbopogon species. *Planta Medica*, **1976**
, 29, 10-25 3.1 4