

# Moustapha Hassan

## List of Publications by Citations

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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	Treatment of severe acute graft-versus-host disease with third party haploidentical mesenchymal stem cells. <i>Lancet, The</i> , <b>2004</b> , 363, 1439-41	40	2237
233	Dynamics of fat cell turnover in humans. <i>Nature</i> , <b>2008</b> , 453, 783-7	50.4	1612
232	Correction of X-linked chronic granulomatous disease by gene therapy, augmented by insertional activation of MDS1-EVI1, PRDM16 or SETBP1. <i>Nature Medicine</i> , <b>2006</b> , 12, 401-9	50.5	977
231	Inhibition of proteasome deubiquitinating activity as a new cancer therapy. <i>Nature Medicine</i> , <b>2011</b> , 17, 1636-40	50.5	359
230	Fetal mesenchymal stem-cell engraftment in bone after in utero transplantation in a patient with severe osteogenesis imperfecta. <i>Transplantation</i> , <b>2005</b> , 79, 1607-14	1.8	344
229	Reduced-intensity conditioning and HLA-matched haemopoietic stem-cell transplantation in patients with chronic granulomatous disease: a prospective multicentre study. <i>Lancet, The</i> , <b>2014</b> , 383, 436-48	40	259
228	Cigarette smoking and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (Panc4). <i>Annals of Oncology</i> , <b>2012</b> , 23, 1880-8	10.3	217
227	Biodegradable polymeric vesicles containing magnetic nanoparticles, quantum dots and anticancer drugs for drug delivery and imaging. <i>Biomaterials</i> , <b>2014</b> , 35, 3885-94	15.6	180
226	Role of polymorphic human CYP2B6 in cyclophosphamide bioactivation. <i>Pharmacogenomics Journal</i> , <b>2003</b> , 3, 53-61	3.5	180
225	Busulfan bioavailability. <i>Blood</i> , <b>1994</b> , 84, 2144-2150	2.2	175
224	Diabetes, antidiabetic medications, and pancreatic cancer risk: an analysis from the International Pancreatic Cancer Case-Control Consortium. <i>Annals of Oncology</i> , <b>2014</b> , 25, 2065-2072	10.3	140
223	Alcohol consumption and pancreatic cancer: a pooled analysis in the International Pancreatic Cancer Case-Control Consortium (PanC4). <i>Annals of Oncology</i> , <b>2012</b> , 23, 374-82	10.3	134
222	Pharmacokinetics of high-dose busulphan in relation to age and chronopharmacology. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1991</b> , 28, 130-4	3.5	133
221	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, the</i> , <b>2016</b> , 3, e526-e536	14.6	130
220	Pharmacokinetic and metabolic studies of high-dose busulphan in adults. <i>European Journal of Clinical Pharmacology</i> , <b>1989</b> , 36, 525-30	2.8	125
219	On the bioavailability of oral and subcutaneous 2-chloro-2Pdeoxyadenosine in humans: alternative routes of administration. <i>Journal of Clinical Oncology</i> , <b>1992</b> , 10, 1514-8	2.2	116
218	Influence of prophylactic anticonvulsant therapy on high-dose busulphan kinetics. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1993</b> , 33, 181-6	3.5	114

217	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> , <b>2000</b> , 25, 915-24	4.4	110
216	Endometrial endothelial cells are derived from donor stem cells in a bone marrow transplant recipient. <i>Human Reproduction</i> , <b>2008</b> , 23, 139-43	5.7	107
215	Improved survival after allogeneic hematopoietic stem cell transplantation in recent years. A single-center study. <i>Biology of Blood and Marrow Transplantation</i> , <b>2011</b> , 17, 1688-97	4.7	106
214	High busulfan concentrations are associated with increased transplant-related mortality in allogeneic bone marrow transplant patients. <i>Bone Marrow Transplantation</i> , <b>1997</b> , 20, 909-13	4.4	102
213	Pharmacogenetics of cyclophosphamide in patients with hematological malignancies. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 27, 54-61	5.1	94
212	Real-time assessment of tissue hypoxia in vivo with combined photoacoustics and high-frequency ultrasound. <i>Theranostics</i> , <b>2014</b> , 4, 604-13	12.1	89
211	Induction of anti-recombinant human granulocyte-macrophage colony-stimulating factor (Escherichia coli-derived) antibodies and clinical effects in nonimmunocompromised patients. <i>Blood</i> , <b>1994</b> , 84, 4078-4087	2.2	87
210	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> , <b>2016</b> , 22, 1915-1925	4.7	82
209	SERS Quantification and Characterization of Proteins and Other Biomolecules. <i>Langmuir</i> , <b>2017</b> , 33, 9711-9730	4.7	80
208	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> , <b>2005</b> , 817, 303-7	3.2	77
207	Evidence that the major oxysterols in human circulation originate from distinct pools of cholesterol: a stable isotope study. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 70-78	6.3	69
206	Myeloablative and immunosuppressive properties of treosulfan in mice. <i>Experimental Hematology</i> , <b>2006</b> , 34, 115-21	3.1	67
205	Gas chromatographic determination of busulfan in plasma with electron-capture detection. <i>Biomedical Applications</i> , <b>1983</b> , 277, 374-80		66
204	Evaluation of immune responses to seasonal influenza vaccination in healthy volunteers and in patients after stem cell transplantation. <i>Transplantation</i> , <b>2008</b> , 86, 257-63	1.8	64
203	Lung epithelial cells and type II pneumocytes of donor origin after allogeneic hematopoietic stem cell transplantation. <i>Transplantation</i> , <b>2004</b> , 78, 154-7	1.8	64
202	Transplanted Bone Marrow-Derived Cells Contribute to Human Adipogenesis. <i>Cell Metabolism</i> , <b>2015</b> , 22, 408-17	24.6	61
201	Evidence that the major oxysterols in human circulation originate from distinct pools of cholesterol: a stable isotope study. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 70-8	6.3	61
200	Therapeutic drug monitoring is essential for intravenous busulfan therapy in pediatric hematopoietic stem cell recipients. <i>Pediatric Transplantation</i> , <b>2011</b> , 15, 580-8	1.8	59

199	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> , <b>2011</b> , 22, 1420-1426	10.3	58
198	Microextraction in packed syringe/liquid chromatography/electrospray tandem mass spectrometry for quantification of olomoucine in human plasma samples. <i>Analytica Chimica Acta</i> , <b>2005</b> , 539, 35-39	6.6	58
197	Bioactivation of cyclophosphamide: the role of polymorphic CYP2C enzymes. <i>European Journal of Clinical Pharmacology</i> , <b>2003</b> , 59, 103-9	2.8	56
196	Hypomethylation and apoptosis in 5-azacytidine-treated myeloid cells. <i>Experimental Hematology</i> , <b>2008</b> , 36, 149-57	3.1	55
195	Population pharmacokinetic analysis resulting in a tool for dose individualization of busulphan in bone marrow transplantation recipients. <i>Bone Marrow Transplantation</i> , <b>2001</b> , 28, 657-64	4.4	53
194	A mechanism-based pharmacokinetic-enzyme model for cyclophosphamide autoinduction in breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , <b>1999</b> , 48, 669-77	3.8	52
193	The role of busulfan in bone marrow transplantation. <i>Medical Oncology and Tumor Pharmacotherapy</i> , <b>1999</b> , 16, 166-76		52
192	Advances in nanotechnology for cancer biomarkers. <i>Nano Today</i> , <b>2018</b> , 18, 103-123	17.9	51
191	In vivo dynamic distribution of <sup>131</sup> I-glucagon-like peptide-1 (7-36) amide in the rat studied by gamma camera. <i>Nuclear Medicine and Biology</i> , <b>1999</b> , 26, 413-20	2.1	51
190	Busulphan kinetics and limited sampling model in children with leukemia and inherited disorders. <i>Bone Marrow Transplantation</i> , <b>1996</b> , 18, 843-50	4.4	51
189	Tissue distribution, pharmacokinetics and identification of roscovitine metabolites in rat. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 25, 91-103	5.1	49
188	Determination of busulfan in plasma by GC-MS with selected-ion monitoring. <i>Journal of Pharmaceutical Sciences</i> , <b>1983</b> , 72, 1203-5	3.9	49
187	Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. <i>Lancet, The</i> , <b>2019</b> , 394, 1907-1914	4.0	48
186	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> , <b>2008</b> , 31, 683-694	1.3	48
185	Aspects concerning busulfan pharmacokinetics and bioavailability. <i>Leukemia and Lymphoma</i> , <b>1996</b> , 22, 395-407	1.9	48
184	Busulfan kinetics. <i>Clinical Pharmacology and Therapeutics</i> , <b>1983</b> , 34, 86-9	6.1	48
183	N-&N, a new class of cell death-inducing kinase inhibitors derived from the purine roscovitine. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 2713-24	6.1	45
182	The effect of metronidazole on busulfan pharmacokinetics in patients undergoing hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2003</b> , 31, 429-35	4.4	45

181	Metabolism of <sup>14</sup> C-busulfan in isolated perfused rat liver. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>1987</b> , 12, 71-6	2.7	45
180	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> , <b>2007</b> , 30, 3029-3041	1.3	44
179	Cerebrospinal fluid and plasma concentrations of busulfan during high-dose therapy. <i>Bone Marrow Transplantation</i> , <b>1989</b> , 4, 113-4	4.4	44
178	Stability, pKa and plasma protein binding of roscovitine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 821, 75-80	3.2	43
177	In vivo evaluation of the biodistribution of <sup>11</sup> C-labeled PD153035 in rats without and with neuroblastoma implants. <i>Life Sciences</i> , <b>1999</b> , 65, 165-74	6.8	43
176	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> , <b>2003</b> , 9, 2447-56	12.9	42
175	Busulfan concentration in relation to permanent alopecia in recipients of bone marrow transplants. <i>Bone Marrow Transplantation</i> , <b>1995</b> , 15, 869-71	4.4	41
174	Somatostatin in neuroblastoma and ganglioneuroma. <i>European Journal of Cancer</i> , <b>1997</b> , 33, 2084-9	7.5	39
173	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> , <b>2003</b> , 25, 400-6	3.2	39
172	A phase I/II study of multiple-dose intravenous busulfan as myeloablation prior to stem cell transplantation. <i>Leukemia</i> , <b>2000</b> , 14, 1954-9	10.7	38
171	Role of pharmacogenetics in busulfan/cyclophosphamide conditioning therapy prior to hematopoietic stem cell transplantation. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 75-87	2.6	36
170	GVHD after chemotherapy conditioning in allogeneic transplanted mice. <i>Bone Marrow Transplantation</i> , <b>2008</b> , 42, 807-18	4.4	35
169	Urinary metabolites of busulfan in the rat. <i>Drug Metabolism and Disposition</i> , <b>1987</b> , 15, 399-402	4	35
168	Busulfan bioavailability. <i>Blood</i> , <b>1994</b> , 84, 2144-50	2.2	35
167	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> , <b>2002</b> , 30, 141-7	4.4	34
166	Liver circadian clock, a pharmacologic target of cyclin-dependent kinase inhibitor seliciclib. <i>Chronobiology International</i> , <b>2009</b> , 26, 1169-88	3.6	32
165	Alteration of pharmacokinetics of cyclophosphamide and suppression of the cytochrome p450 genes by ciprofloxacin. <i>Bone Marrow Transplantation</i> , <b>2003</b> , 31, 197-203	4.4	32
164	Degradation of busulfan in aqueous solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1986</b> , 4, 95-101	3.5	32

163	A prospective randomized study using N-acetyl-L-cysteine for early liver toxicity after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2008</b> , 41, 785-90	4.4	31
162	Inhibitory effect of 5-fluorouracil on cytochrome P450 2C9 activity in cancer patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2006</b> , 98, 197-200	3.1	30
161	Binding of busulfan to plasma proteins and blood cells. <i>Journal of Pharmacy and Pharmacology</i> , <b>1984</b> , 36, 694-6	4.8	29
160	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> , <b>2013</b> , 13, 1393-8	11.5	28
159	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> , <b>2006</b> , 38, 687-92	4.4	28
158	Bacterial lipopolysaccharide both renders resistant mice susceptible to mercury-induced autoimmunity and exacerbates such autoimmunity in susceptible mice. <i>Clinical and Experimental Immunology</i> , <b>2005</b> , 141, 238-47	6.2	27
157	The pharmacodynamic effect of busulfan in the P39 myeloid cell line in vitro. <i>Leukemia</i> , <b>2001</b> , 15, 1240-7	10.7	27
156	Pharmacokinetic and metabolic studies of busulfan in rat plasma and brain. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>1988</b> , 13, 301-5	2.7	27
155	Multimodality imaging using SPECT/CT and MRI and ligand functionalized 99mTc-labeled magnetic microbubbles. <i>EJNMMI Research</i> , <b>2013</b> , 3, 12	3.6	26
154	Tracking stem cells and macrophages with gold and iron oxide nanoparticles – The choice of the best suited particles. <i>Applied Materials Today</i> , <b>2019</b> , 15, 267-279	6.6	26
153	Age-dependent pharmacokinetics and effect of roscovitine on Cdk5 and Erk1/2 in the rat brain. <i>Pharmacological Research</i> , <b>2008</b> , 58, 32-7	10.2	25
152	Cell-mediated immune responses to influenza vaccination in healthy volunteers and allogeneic stem cell transplant recipients. <i>Bone Marrow Transplantation</i> , <b>2005</b> , 36, 411-5	4.4	25
151	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> , <b>2001</b> , 36, 127-31		25
150	In vivo dynamical distribution of <sup>131</sup> I-VIP in the rat studied by gamma-camera. <i>Nuclear Medicine and Biology</i> , <b>1994</b> , 21, 865-72	2.1	25
149	In vivo distribution of [ <sup>11</sup> C]-busulfan in cynomolgus monkey and in the brain of a human patient. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1992</b> , 30, 81-5	3.5	25
148	Fluorescence labeled microbubbles for multimodal imaging. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 464, 737-42	3.4	24
147	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> , <b>2003</b> , 32, 349-54	4.4	24
146	Pharmacokinetics of liposomal busulphan in man. <i>Bone Marrow Transplantation</i> , <b>2001</b> , 27, 479-85	4.4	23

145	Biodistribution, kinetics, and biological fate of SPION microbubbles in the rat. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 3241-54	7.3	22
144	The effect of administration order of BU and CY on engraftment and toxicity in HSCT mouse model. <i>Bone Marrow Transplantation</i> , <b>2008</b> , 41, 895-904	4.4	22
143	Capillary gas chromatography of amines with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , <b>1990</b> , 13, 252-256		21
142	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. <i>Journal of Nanobiotechnology</i> , <b>2016</b> , 14, 82	9.4	21
141	Busulphan-cyclophosphamide cause endothelial injury, remodeling of resistance arteries and enhanced expression of endothelial nitric oxide synthase. <i>PLoS ONE</i> , <b>2012</b> , 7, e30897	3.7	20
140	Circadian variability of bilirubin in healthy men during normal sleep and after an acute shift of sleep. <i>Chronobiology International</i> , <b>2009</b> , 26, 1613-21	3.6	20
139	Liposomal busulphan: bioavailability and effect on bone marrow in mice. <i>Bone Marrow Transplantation</i> , <b>1998</b> , 22, 913-8	4.4	20
138	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> , <b>1999</b> , 63, 163-70	3.8	19
137	A pharmacodynamic study of 5-azacytidine in the P39 cell line. <i>Experimental Hematology</i> , <b>2006</b> , 34, 35-43.1		19
136	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> , <b>2005</b> , 33, 380-7	3.1	19
135	Cytochrome P450 Oxidoreductase Influences CYP2B6 Activity in Cyclophosphamide Bioactivation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141979	3.7	19
134	Downregulation of miR-1266-5P, miR-185-5P and miR-30c-2 in prostatic cancer tissue and cell lines. <i>Oncology Letters</i> , <b>2018</b> , 15, 8157-8164	2.6	18
133	Early-phase GVHD gene expression profile in target versus non-target tissues: kidney, a possible target?. <i>Bone Marrow Transplantation</i> , <b>2013</b> , 48, 284-93	4.4	18
132	Activation of Wnt/βcatenin pathway in monocytes derived from chronic kidney disease patients. <i>PLoS ONE</i> , <b>2013</b> , 8, e68937	3.7	18
131	Pharmacokinetics and distribution of liposomal busulfan in the rat: a new formulation for intravenous administration. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1998</b> , 42, 471-8	3.5	18
130	A phase II trial of liposomal busulphan as an intravenous myeloablative agent prior to stem cell transplantation: 500 mg/m <sup>2</sup> as a optimal total dose for conditioning. <i>Bone Marrow Transplantation</i> , <b>2002</b> , 30, 833-41	4.4	18
129	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> , <b>2005</b> , 114, 428-37	7.8	18
128	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , <b>2021</b> , 15, 3754-3807	16.7	18



127	Bee Venom Composition: From Chemistry to Biological Activity. <i>Studies in Natural Products Chemistry</i> , <b>2019</b> , 60, 459-484	1.5	18
126	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> , <b>2004</b> , 34, 425-31	3.5	17
125	Biodistribution of liposomal <sup>131</sup> I-VIP in rat using gamma camera. <i>Nuclear Medicine and Biology</i> , <b>1999</b> , 26, 931-6	2.1	17
124	The somatostatin analogue octreotide inhibits neuroblastoma growth in vivo. <i>Pediatric Research</i> , <b>1999</b> , 46, 328-32	3.2	17
123	Mathematical modeling of tumor-induced immunosuppression by myeloid-derived suppressor cells: Implications for therapeutic targeting strategies. <i>Journal of Theoretical Biology</i> , <b>2018</b> , 442, 1-10	2.3	16
122	Posaconazole concentrations in human tissues after allogeneic stem cell transplantation. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 4941-3	5.9	16
121	Simple method based on fluorescent detection for the determination of 4-hydroxycyclophosphamide in plasma. <i>Therapeutic Drug Monitoring</i> , <b>2002</b> , 24, 405-9	3.2	16
120	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> , <b>2001</b> , 7, 1163-70	12.9	16
119	Targeted busulfan-based reduced-intensity conditioning and HLA-matched HSCT cure hemophagocytic lymphohistiocytosis. <i>Blood Advances</i> , <b>2020</b> , 4, 1998-2010	7.8	15
118	A comparative study of adjustable and non-adjustable sutures in primary horizontal muscle surgery in children. <i>Eye</i> , <b>2016</b> , 30, 1447-1451	4.4	15
117	Development and biodistribution of a theranostic aluminum phthalocyanine nanophotosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2016</b> , 13, 48-57	3.5	15
116	Harmonization of Busulfan Plasma Exposure Unit (BPEU): A Community-Initiated Consensus Statement. <i>Biology of Blood and Marrow Transplantation</i> , <b>2019</b> , 25, 1890-1897	4.7	15
115	Effect of cyclophosphamide on gene expression of cytochromes p450 and beta-actin in the HL-60 cell line. <i>European Journal of Pharmacology</i> , <b>2002</b> , 449, 197-205	5.3	15
114	miR-1266-5p and miR-185-5p Promote Cell Apoptosis in Human Prostate Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2018</b> , 19, 2305-2311	1.7	15
113	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> , <b>2015</b> , 463, 268-74	3.4	14
112	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> , <b>2013</b> , 217, 67-74	4.4	14
111	Importance of the surface chemistry of nanoparticles on peroxidase-like activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 491, 15-18	3.4	14
110	Cytochrome P450 2J2, a new key enzyme in cyclophosphamide bioactivation and a potential biomarker for hematological malignancies. <i>Pharmacogenomics Journal</i> , <b>2015</b> , 15, 405-13	3.5	14



109	Immunotoxicological effects of streptozotocin and alloxan: in vitro and in vivo studies. <i>Immunology Letters</i> , <b>2015</b> , 163, 193-8	4.1	14
108	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> , <b>2010</b> , 2010, 142943		14
107	Ketobemidone may alter busulfan pharmacokinetics during high-dose therapy. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 383-5	3.2	14
106	The effect of circadian rhythm on pharmacokinetics and metabolism of the Cdk inhibitor, roscovitine, in tumor mice model. <i>Chronobiology International</i> , <b>2015</b> , 32, 608-14	3.6	13
105	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> , <b>2013</b> , 913-914, 98-105	3.2	13
104	Increased risk of gastrointestinal acute GVHD following the addition of melphalan to busulfan/cyclophosphamide conditioning. <i>Pediatric Transplantation</i> , <b>2013</b> , 17, 285-93	1.8	11
103	The role of programmed cell death ligand-1 (PD-L1/CD274) in the development of graft versus host disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e60367	3.7	11
102	Cyclophosphamide induces mRNA, protein and enzyme activity of cytochrome P450 in rat. <i>Xenobiotica</i> , <b>2005</b> , 35, 239-51	2	11
101	Bioavailability and dose-dependent anti-tumour effects of 9-cis retinoic acid on human neuroblastoma xenografts in rat. <i>British Journal of Cancer</i> , <b>2001</b> , 85, 2004-9	8.7	11
100	Capillary gas chromatography of chlorophenols with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , <b>1991</b> , 14, 284-287		10
99	Flavin-containing monooxygenase 3 (FMO3) role in busulphan metabolic pathway. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187294	3.7	10
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