

# Moustapha Hassan

## List of Publications by Year in descending order

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245  
papers

14,597  
citations

36303

51  
h-index

20961

115  
g-index

246  
all docs

246  
docs citations

246  
times ranked

18260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of severe acute graft-versus-host disease with third party haploidentical mesenchymal stem cells. <i>Lancet, The</i> , 2004, 363, 1439-1441.	13.7	2,534
2	Dynamics of fat cell turnover in humans. <i>Nature</i> , 2008, 453, 783-787.	27.8	1,914
3	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, 401-409.	30.7	1,129
4	Inhibition of proteasome deubiquitinating activity as a new cancer therapy. <i>Nature Medicine</i> , 2011, 17, 1636-1640.	30.7	431
5	Fetal Mesenchymal Stem-Cell Engraftment in Bone after In Utero Transplantation in a Patient with Severe Osteogenesis Imperfecta. <i>Transplantation</i> , 2005, 79, 1607-1614.	1.0	397
6	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, 436-448.	13.7	322
7	Cigarette smoking and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (Panc4). <i>Annals of Oncology</i> , 2012, 23, 1880-1888.	1.2	307
8	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.	1.2	202
9	Biodegradable polymeric vesicles containing magnetic nanoparticles, quantum dots and anticancer drugs for drug delivery and imaging. <i>Biomaterials</i> , 2014, 35, 3885-3894.	11.4	201
10	Role of polymorphic human CYP2B6 in cyclophosphamide bioactivation. <i>Pharmacogenomics Journal</i> , 2003, 3, 53-61.	2.0	200
11	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> , the, 2016, 3, e526-e536.	4.6	197
12	Alcohol consumption and pancreatic cancer: a pooled analysis in the International Pancreatic Cancer Caseâ€“Control Consortium (PanC4). <i>Annals of Oncology</i> , 2012, 23, 374-382.	1.2	185
13	Busulfan bioavailability. <i>Blood</i> , 1994, 84, 2144-2150.	1.4	183
14	Pharmacokinetics of high-dose busulphan in relation to age and chronopharmacology. <i>Cancer Chemotherapy and Pharmacology</i> , 1991, 28, 130-134.	2.3	149
15	Pharmacokinetic and metabolic studies of high-dose busulphan in adults. <i>European Journal of Clinical Pharmacology</i> , 1989, 36, 525-530.	1.9	147
16	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, 915-924.	2.4	131
17	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, 1688-1697.	2.0	131
18	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.	2.0	130

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19	Endometrial endothelial cells are derived from donor stem cells in a bone marrow transplant recipient. <i>Human Reproduction</i> , 2007, 23, 139-143.	0.9	129
20	On the bioavailability of oral and subcutaneous 2-chloro-2'-deoxyadenosine in humans: alternative routes of administration.. <i>Journal of Clinical Oncology</i> , 1992, 10, 1514-1518.	1.6	127
21	Influence of prophylactic anticonvulsant therapy on high-dose busulphan kinetics. <i>Cancer Chemotherapy and Pharmacology</i> , 1993, 33, 181-186.	2.3	125
22	SERS Quantification and Characterization of Proteins and Other Biomolecules. <i>Langmuir</i> , 2017, 33, 9711-9730.	3.5	121
23	Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. <i>Lancet, The</i> , 2019, 394, 1907-1914.	13.7	117
24	Real-Time Assessment of Tissue Hypoxia <i>In Vivo</i> with Combined Photoacoustics and High-Frequency Ultrasound. <i>Theranostics</i> , 2014, 4, 604-613.	10.0	114
25	High busulfan concentrations are associated with increased transplant-related mortality in allogeneic bone marrow transplant patients. <i>Bone Marrow Transplantation</i> , 1997, 20, 909-913.	2.4	109
26	Pharmacogenetics of cyclophosphamide in patients with hematological malignancies. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 27, 54-61.	4.0	103
27	Induction of anti-recombinant human granulocyte-macrophage colony- stimulating factor ( <i>Escherichia coli</i> -derived) antibodies and clinical effects in nonimmunocompromised patients. <i>Blood</i> , 1994, 84, 4078-4087.	1.4	98
28	Advances in nanotechnology for cancer biomarkers. <i>Nano Today</i> , 2018, 18, 103-123.	11.9	86
29	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, 303-307.	2.3	82
30	Myeloablative and immunosuppressive properties of treosulfan in mice. <i>Experimental Hematology</i> , 2006, 34, 115-121.	0.4	80
31	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.	4.2	76
32	Evaluation of Immune Responses to Seasonal Influenza Vaccination in Healthy Volunteers and in Patients After Stem Cell Transplantation. <i>Transplantation</i> , 2008, 86, 257-263.	1.0	75
33	Transplanted Bone Marrow-Derived Cells Contribute to Human Adipogenesis. <i>Cell Metabolism</i> , 2015, 22, 408-417.	16.2	75
34	Gas chromatographic determination of busulfan in plasma with electron-capture detection. <i>Biomedical Applications</i> , 1983, 277, 374-380.	1.7	73
35	Lung Epithelial Cells and Type II Pneumocytes of Donor Origin After Allogeneic Hematopoietic Stem Cell Transplantation. <i>Transplantation</i> , 2004, 78, 154-157.	1.0	72
36	Therapeutic drug monitoring is essential for intravenous busulfan therapy in pediatric hematopoietic stem cell recipients. <i>Pediatric Transplantation</i> , 2011, 15, 580-588.	1.0	70

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37	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.	1.2	68
38	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.	4.2	65
39	The role of busulfan in bone marrow transplantation. <i>Medical Oncology and Tumor Pharmacotherapy</i> , 1999, 16, 166-176.	1.1	64
40	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.	5.4	62
41	A mechanism-based pharmacokinetic-enzyme model for cyclophosphamide autoinduction in breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 669-677.	2.4	60
42	Population pharmacokinetic analysis resulting in a tool for dose individualization of busulphan in bone marrow transplantation recipients. <i>Bone Marrow Transplantation</i> , 2001, 28, 657-664.	2.4	60
43	Bioactivation of cyclophosphamide: the role of polymorphic CYP2C enzymes. <i>European Journal of Clinical Pharmacology</i> , 2003, 59, 103-109.	1.9	60
44	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021, 15, 3754-3807.	14.6	60
45	Hypomethylation and apoptosis in 5-azacytidine-treated myeloid cells. <i>Experimental Hematology</i> , 2008, 36, 149-157.	0.4	58
46	In vivo dynamic distribution of <sup>131</sup> I-glucagon-like peptide-1 (7 <sup>36</sup> ) amide in the rat studied by gamma camera. <i>Nuclear Medicine and Biology</i> , 1999, 26, 413-420.	0.6	55
47	Tissue distribution, pharmacokinetics and identification of roscovitine metabolites in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 91-103.	4.0	55
48	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.	1.0	55
49	Busulfan bioavailability. <i>Blood</i> , 1994, 84, 2144-50.	1.4	55
50	Aspects Concerning Busulfan Pharmacokinetics and Bioavailability. <i>Leukemia and Lymphoma</i> , 1996, 22, 395-407.	1.3	54
51	The effect of metronidazole on busulfan pharmacokinetics in patients undergoing hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2003, 31, 429-435.	2.4	52
52	Busulphan kinetics and limited sampling model in children with leukemia and inherited disorders. <i>Bone Marrow Transplantation</i> , 1996, 18, 843-50.	2.4	52
53	N <sup>6</sup> ,N <sup>2</sup> , a new class of cell death-inducing kinase inhibitors derived from the purine roscovitine. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2713-2724.	4.1	51
54	Determination of Busulfan in Plasma by GC-MS with Selected-Ion Monitoring. <i>Journal of Pharmaceutical Sciences</i> , 1983, 72, 1203-1205.	3.3	50

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55	Busulfan kinetics. <i>Clinical Pharmacology and Therapeutics</i> , 1983, 34, 86-89.	4.7	50
56	In vivo evaluation of the biodistribution of <sup>11</sup> C-labeled PD153035 in rats without and with neuroblastoma implants. <i>Life Sciences</i> , 1999, 65, 165-174.	4.3	50
57	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.	2.3	49
58	Simultaneous Determination of Busulphan in Plasma Samples by Liquid Chromatography- <sup>+</sup> 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.	1.0	49
59	Metabolism of <sup>14</sup> C-busulfan in isolated perfused rat liver. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1987, 12, 71-76.	1.6	48
60	Role of pharmacogenetics in busulfan/cyclophosphamide conditioning therapy prior to hematopoietic stem cell transplantation. <i>Pharmacogenomics</i> , 2013, 14, 75-87.	1.3	46
61	Cerebrospinal fluid and plasma concentrations of busulfan during high-dose therapy. <i>Bone Marrow Transplantation</i> , 1989, 4, 113-4.	2.4	46
62	Mesothelin-Specific CAR T Cells Target Ovarian Cancer. <i>Cancer Research</i> , 2021, 81, 3022-3035.	0.9	45
63	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.	7.0	45
64	GVHD after chemotherapy conditioning in allogeneic transplanted mice. <i>Bone Marrow Transplantation</i> , 2008, 42, 807-818.	2.4	44
65	Busulfan concentration in relation to permanent alopecia in recipients of bone marrow transplants. <i>Bone Marrow Transplantation</i> , 1995, 15, 869-71.	2.4	44
66	On-Line Derivatization Utilizing Solid-Phase Microextraction (SPME) for Determination of Busulphan in Plasma Using Gas Chromatography- <sup>+</sup> Mass Spectrometry (GC-MS). <i>Therapeutic Drug Monitoring</i> , 2003, 25, 400-406.	2.0	43
67	Somatostatin in neuroblastoma and ganglioneuroma. <i>European Journal of Cancer</i> , 1997, 33, 2084-2089.	2.8	41
68	A phase I/II study of multiple-dose intravenous busulfan as myeloablation prior to stem cell transplantation. <i>Leukemia</i> , 2000, 14, 1954-1959.	7.2	40
69	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.	2.5	39
70	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.	4.3	39
71	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, 141-147.	2.4	38
72	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, 785-790.	2.4	37

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73	Urinary metabolites of busulfan in the rat. <i>Drug Metabolism and Disposition</i> , 1987, 15, 399-402.	3.3	37
74	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, 687-692.	2.4	36
75	Bee Venom Composition: From Chemistry to Biological Activity. <i>Studies in Natural Products Chemistry</i> , 2019, 60, 459-484.	1.8	36
76	LIVER CIRCADIAN CLOCK, A PHARMACOLOGIC TARGET OF CYCLIN-DEPENDENT KINASE INHIBITOR SELICICLIB. <i>Chronobiology International</i> , 2009, 26, 1169-1188.	2.0	35
77	Degradation of busulfan in aqueous solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1986, 4, 95-101.	2.8	34
78	Alteration of pharmacokinetics of cyclophosphamide and suppression of the cytochrome P450 genes by ciprofloxacin. <i>Bone Marrow Transplantation</i> , 2003, 31, 197-203.	2.4	34
79	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, 238-247.	2.6	33
80	Multimodality imaging using SPECT/CT and MRI and ligand functionalized 99mTc-labeled magnetic microbubbles. <i>EJNMMI Research</i> , 2013, 3, 12.	2.5	33
81	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.	1.7	33
82	Binding of busulfan to plasma proteins and blood cells. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 36, 694-696.	2.4	32
83	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, 1393-1398.	9.1	32
84	Biodistribution, kinetics, and biological fate of SPION microbubbles in the rat. <i>International Journal of Nanomedicine</i> , 2013, 8, 3241.	6.7	32
85	The pharmacodynamic effect of busulfan in the P39 myeloid cell line in vitro. <i>Leukemia</i> , 2001, 15, 1240-1247.	7.2	30
86	Cell-mediated immune responses to influenza vaccination in healthy volunteers and allogeneic stem cell transplant recipients. <i>Bone Marrow Transplantation</i> , 2005, 36, 411-415.	2.4	30
87	Hematologic malignancies in elderly patients. <i>Haematologica</i> , 2014, 99, 1124-1127.	3.5	30
88	Targeted busulfan-based reduced-intensity conditioning and HLA-matched HSCT cure hemophagocytic lymphohistiocytosis. <i>Blood Advances</i> , 2020, 4, 1998-2010.	5.2	30
89	Pharmacokinetic and metabolic studies of busulfan in rat plasma and brain. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1988, 13, 301-305.	1.6	29
90	In vivo distribution of [11C]-busulfan incynomolgus monkey and in the brain of a human patient. <i>Cancer Chemotherapy and Pharmacology</i> , 1992, 30, 81-85.	2.3	29

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91	Busulphan-Cyclophosphamide Cause Endothelial Injury, Remodeling of Resistance Arteries and Enhanced Expression of Endothelial Nitric Oxide Synthase. PLoS ONE, 2012, 7, e30897.	2.5	29
92	Age-dependent pharmacokinetics and effect of roscovitine on Cdk5 and Erk1/2 in the rat brain. Pharmacological Research, 2008, 58, 32-37.	7.1	28
93	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. Journal of Nanobiotechnology, 2016, 14, 82.	9.1	28
94	Cytochrome P450 Oxidoreductase Influences CYP2B6 Activity in Cyclophosphamide Bioactivation. PLoS ONE, 2015, 10, e0141979.	2.5	28
95	The vitamin A analogues: 13-cis retinoic acid, 9-cis retinoic acid, and Ro 13-6307 inhibit neuroblastoma tumour growth in vivo. Medical and Pediatric Oncology, 2001, 36, 127-131.	1.0	27
96	Fluorescence labeled microbubbles for multimodal imaging. Biochemical and Biophysical Research Communications, 2015, 464, 737-742.	2.1	27
97	Pharmacokinetics of liposomal busulphan in man. Bone Marrow Transplantation, 2001, 27, 479-485.	2.4	26
98	N-acetyl-L-cysteine does not affect the pharmacokinetics or myelosuppressive effect of busulfan during conditioning prior to allogeneic stem cell transplantation. Bone Marrow Transplantation, 2003, 32, 349-354.	2.4	26
99	The effect of administration order of BU and CY on engraftment and toxicity in HSCT mouse model. Bone Marrow Transplantation, 2008, 41, 895-904.	2.4	26
100	In vivo dynamical distribution of 131I-VIP in the rat studied by gamma-camera. Nuclear Medicine and Biology, 1994, 21, 865-872.	0.6	25
101	The influence of interferon- $\gamma$ on the pharmacokinetics of cyclophosphamide and its 4-hydroxy metabolite in patients with multiple myeloma. European Journal of Haematology, 1999, 63, 163-170.	2.2	25
102	Liposomal busulphan: bioavailability and effect on bone marrow in mice. Bone Marrow Transplantation, 1998, 22, 913-918.	2.4	23
103	CIRCADIAN VARIABILITY OF BILIRUBIN IN HEALTHY MEN DURING NORMAL SLEEP AND AFTER AN ACUTE SHIFT OF SLEEP. Chronobiology International, 2009, 26, 1613-1621.	2.0	23
104	Activation of Wnt/ $\beta$ -Catenin Pathway in Monocytes Derived from Chronic Kidney Disease Patients. PLoS ONE, 2013, 8, e68937.	2.5	23
105	Analysis of roscovitine using novel high performance liquid chromatography and UV-detection method: pharmacokinetics of roscovitine in rat. Journal of Pharmaceutical and Biomedical Analysis, 2004, 34, 425-431.	2.8	22
106	A pharmacodynamic study of 5-azacytidine in the P39 cell line. Experimental Hematology, 2006, 34, 35-43.	0.4	22
107	Early-phase GVHD gene expression profile in target versus non-target tissues: kidney, a possible target?. Bone Marrow Transplantation, 2013, 48, 284-293.	2.4	22
108	A comparative study of adjustable and non-adjustable sutures in primary horizontal muscle surgery in children. Eye, 2016, 30, 1447-1451.	2.1	22

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109	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.	1.8	22
110	Novel molecular targets in gastric adenocarcinoma. , 2021, 220, 107714.		22
111	Capillary gas chromatography of amines with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , 1990, 13, 252-256.	1.4	21
112	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, 428-437.	4.4	21
113	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, 380-387.	0.4	21
114	Pharmacokinetics and distribution of liposomal busulfan in the rat: a new formulation for intravenous administration. <i>Cancer Chemotherapy and Pharmacology</i> , 1998, 42, 471-478.	2.3	20
115	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> , 2002, 30, 833-841.	2.4	19
116	Posaconazole Concentrations in Human Tissues after Allogeneic Stem Cell Transplantation. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4941-4943.	3.2	19
117	Immunotoxicological effects of streptozotocin and alloxan: In vitro and in vivo studies. <i>Immunology Letters</i> , 2015, 163, 193-198.	2.5	19
118	The effect of circadian rhythm on pharmacokinetics and metabolism of the Cdk inhibitor, roscovitine, in tumor mice model. <i>Chronobiology International</i> , 2015, 32, 608-614.	2.0	19
119	Harmonization of Busulfan Plasma Exposure Unit (BPEU): A Community-Initiated Consensus Statement. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 1890-1897.	2.0	19
120	Multimodal Imaging of Pancreatic Ductal Adenocarcinoma Using Multifunctional Nanoparticles as Contrast Agents. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 53665-53681.	8.0	19
121	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.	1.2	19
122	Biodistribution of liposomal <sup>131</sup> I-VIP in rat using gamma camera. <i>Nuclear Medicine and Biology</i> , 1999, 26, 931-936.	0.6	18
123	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.	0.8	18
124	Development and biodistribution of a theranostic aluminum phthalocyanine nanophotosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 48-57.	2.6	18
125	<sup>125</sup> I-radiating radionuclides in cancer treatment, novel insight into promising approach. <i>Pharmacological Research</i> , 2020, 160, 105070.	7.1	18
126	The Somatostatin Analogue Octreotide Inhibits Neuroblastoma Growth in Vivo. <i>Pediatric Research</i> , 1999, 46, 328-332.	2.3	18



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127	Simple Method Based on Fluorescent Detection for the Determination of 4-Hydroxycyclophosphamide in Plasma. <i>Therapeutic Drug Monitoring</i> , 2002, 24, 405-409.	2.0	17
128	Cytochrome P450 2J2, a new key enzyme in cyclophosphamide bioactivation and a potential biomarker for hematological malignancies. <i>Pharmacogenomics Journal</i> , 2015, 15, 405-413.	2.0	17
129	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, 268-274.	2.1	17
130	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.	4.0	17
131	Flavin-containing monooxygenase 3 (FMO3) role in busulphan metabolic pathway. <i>PLoS ONE</i> , 2017, 12, e0187294.	2.5	17
132	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.	7.0	17
133	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.	3.5	16
134	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, 1-13.	3.3	16
135	Importance of the surface chemistry of nanoparticles on peroxidase-like activity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 15-18.	2.1	16
136	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.	2.3	15
137	Advanced therapeutic modalities in hepatocellular carcinoma: Novel insights. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8602-8614.	3.6	15
138	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.	4.6	15
139	Ketobemidone May Alter Busulfan Pharmacokinetics During High-Dose Therapy. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 383-385.	2.0	15
140	Rhenium Perrhenate (188ReO <sub>4</sub> ) Induced Apoptosis and Reduced Cancerous Phenotype in Liver Cancer Cells. <i>Cells</i> , 2022, 11, 305.	4.1	15
141	Novel insights in CAR-NK cells beyond CAR-T cell technology; promising advantages. <i>International Immunopharmacology</i> , 2022, 106, 108587.	3.8	15
142	Increased risk of gastrointestinal acute GVHD following the addition of melphalan to busulfan/cyclophosphamide conditioning. <i>Pediatric Transplantation</i> , 2013, 17, 285-293.	1.0	14
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.	2.5	14
144	Cyclophosphamide induces mRNA, protein and enzyme activity of cytochrome P450 in rat. <i>Xenobiotica</i> , 2005, 35, 239-251.	1.1	13

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145	Complement activation is involved in the hepatic injury caused by high-dose exposure of mice to perfluorooctanoic acid. <i>Chemosphere</i> , 2015, 129, 225-231.	8.2	13
146	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.	3.8	13
147	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, 2004-2009.	6.4	12
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