

Fritz Sieber

List of Publications by Year in descending order

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26
papers

597
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Dye-mediated photolysis of normal and neoplastic hematopoietic cells. <i>Leukemia Research</i> , 1987, 11, 43-49.	0.8	65
2	Susceptibility to merocyanine 540-mediated photosensitization: A differentiation marker on murine hematopoietic progenitor cells. <i>Journal of Cellular Physiology</i> , 1983, 116, 118-124.	4.1	63
3	ANTIVIRAL ACTIVITY OF MEROCYANINE 540. <i>Photochemistry and Photobiology</i> , 1987, 46, 707-711.	2.5	62
4	Effect of ethanol on thrombopoiesis. <i>British Journal of Haematology</i> , 1986, 62, 345-354.	2.5	57
5	High-Dose Selenium for the Mitigation of Radiation Injury: A Pilot Study in a Rat Model. <i>Radiation Research</i> , 2009, 171, 368-373.	1.5	39
6	Differential Sensitivity of Mouse Hematopoietic Stem Cells to Merocyanine 540. <i>Differentiation</i> , 1981, 19, 65-67.	1.9	38
7	MODULATION BY THIOLS OF THE MEROCYANINE 540-SENSITIZED PHOTOLYSIS OF LEUKEMIA CELLS, RED CELLS, AND Herpes simplex VIRUS TYPE 1. <i>Photochemistry and Photobiology</i> , 1991, 53, 85-92.	2.5	38
8	ELIMINATION OF RESIDUAL TUMOR CELLS FROM AUTOLOGOUS BONE MARROW GRAFTS BY DYE-MEDIATED PHOTOLYSIS: PRECLINICAL DATA. <i>Photochemistry and Photobiology</i> , 1987, 46, 71-76.	2.5	35
9	Dietary Selenium for the Mitigation of Radiation Injury: Effects of Selenium Dose Escalation and Timing of Supplementation. <i>Radiation Research</i> , 2011, 176, 366-374.	1.5	30
10	Elemental Selenium Generated by the Photobleaching of Seleno-Merocyanine Photosensitizers Forms Conjugates with Serum Macro-Molecules That are Toxic to Tumor Cells. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 647-657.	1.6	26
11	CHOLESTEROL CONTENT BUT NOT PLASMA MEMBRANE FLUIDITY INFLUENCES THE SUSCEPTIBILITY OF L1210 LEUKEMIA CELLS TO MEROCYANINE 540-SENSITIZED IRRADIATION. <i>Photochemistry and Photobiology</i> , 1991, 54, 717-723.	2.5	21
12	Preferential inactivation of paediatric solid tumour cells by sequential exposure to Merocyanine 540-mediated photodynamic therapy and Edelfosine: implications for the ex vivo purging of autologous haematopoietic stem cell grafts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2003, 69, 87-95.	3.8	20
13	Inactivation of Photosensitizing Merocyanine Dyes by Plasma, Serum and Serum Components. <i>Photochemistry and Photobiology</i> , 1996, 64, 683-687.	2.5	19
14	Photosensitizing Merocyanine Dyes Based on Selenobarbituric Acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 67, 417-424.	1.6	16
15	Crystal violet combined with Merocyanine 540 for the ex vivo purging of hematopoietic stem cell grafts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2003, 70, 133-144.	3.8	14
16	Inhibitory effects of merocyanine 540-mediated photodynamic therapy on cellular immune functions: A role in the prophylaxis of graft-versus-host disease?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 153-163.	3.8	13
17	MEROCYANINE 540-SENSITIZED PHOTOINACTIVATION OF LEUKEMIA CELLS: EFFECTS OF DOSE FRACTIONATION. <i>Photochemistry and Photobiology</i> , 1992, 56, 489-493.	2.5	11
18	Effect of Hypothermia on the Merocyanine 540-Mediated Purging of Hematopoietic Cells. <i>Stem Cells and Development</i> , 1997, 6, 31-39.	1.0	10

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19	Photochemically Generated Elemental Selenium Forms Conjugates with Serum Proteins That Are Preferentially Cytotoxic to Leukemia and Selected Solid Tumor Cells. <i>Photochemistry and Photobiology</i> , 2012, 88, 448-460.	2.5	9
20	POTENTIATION OF MEROCYANINE 540-MEDIATED PHOTODYNAMIC THERAPY BY SALICYLATE and RELATED DRUGS. <i>Photochemistry and Photobiology</i> , 1995, 62, 790-799.	2.5	5
21	Postirradiation Hyperthermia Selectively Potentiates the Merocyanine 540-Sensitized Photoinactivation of Small Cell Lung Cancer Cells. <i>Photochemistry and Photobiology</i> , 2007, 73, 191-198.	2.5	3
22	LIMITED CELL-CYCLE DEPENDENCE OF THE MEROCYANINE 540-SENSITIZED PHOTOINACTIVATION OF L1210 LEUKEMIA CELLS. <i>Photochemistry and Photobiology</i> , 1992, 56, 277-280.	2.5	2
23	Role of photoproducts in the cytotoxic action of selenomerocyanine-mediated photodynamic therapy. , 2005, 5689, 56.		1
24	Extracorporeal photochemotherapy. <i>AIP Conference Proceedings</i> , 1996, , .	0.4	0
25	Genetic Variability in the Response of Normal Murine Hematopoietic Progenitor Cells to Extracorporeal Photochemotherapy. <i>Photochemistry and Photobiology</i> , 2007, 72, 810-814.	2.5	0
26	Proteinated Elemental Selenium Potentiates Anti-Tumor Effect of Ionizing Radiation and Chemotherapeutic Agents but Is Only Minimally Affected by Drug Resistance Mechanisms.. <i>Blood</i> , 2004, 104, 4367-4367.	1.4	0