# Martin R Berger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4207322/publications.pdf

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|---|---|---|---|
| 92 papers | 2,208 citations | 185998 28 h-index | 276539 41 g-index |
| 93 all docs | 93 docs citations | 93 times ranked | 2494 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Conditional knockdown of integrin beta-3 reveals its involvement in osteolytic and soft tissue lesions of breast cancer skeletal metastasis. Journal of Cancer Research and Clinical Oncology, 2021, 147, 361-371. | 1.2 | 20 |
| 2 | A subgroup of lactosyl-Sepharose binding proteins requires calcium for affinity and galactose for anti-proliferation. Chemico-Biological Interactions, 2021, 334, 109354. | 1.7 | 4 |
| 3 | Antineoplastic effects of targeting CCR5 and its therapeutic potential for colorectal cancer liver metastasis. Journal of Cancer Research and Clinical Oncology, 2021, 147, 73-91. | 1.2 | 16 |
| 4 | Discovery of Novel CCR5 Ligands as Anticolorectal Cancer Agents by Sequential Virtual Screening. ACS Omega, 2021, 6, 10921-10935. | 1.6 | 7 |
| 5 | Dual Akt and Bcl-2 inhibition induces cell-type specific modulation of apoptotic and autophagic signaling in castration resistant prostate cancer cell lines. Molecular Biology Reports, 2021, 48, 7755-7765. | 1.0 | 1 |
| 6 | Riproximin Exhibits Diversity in Sugar Binding, and Modulates some Metastasis-Related Proteins with Lectin like Properties in Pancreatic Ductal Adenocarcinoma. Frontiers in Pharmacology, 2020, 11, 549804. | 1.6 | 7 |
| 7 | Modulation of the Endothelin System in Colorectal Cancer Liver Metastasis: Influence of Epigenetic Mechanisms?. Frontiers in Pharmacology, 2020, 11, 180. | 1.6 | 5 |
| 8 | Lactosyl-sepharose binding proteins from pancreatic cancer cells show differential expression in primary and metastatic organs. Experimental Biology and Medicine, 2020, 245, 631-643. | 1.1 | 4 |
| 9 | The CCR5 antagonist maraviroc causes remission of pancreatic cancer liver metastasis in nude rats based on cell cycle inhibition and apoptosis induction. Cancer Letters, 2020, 474, 82-93. | 3.2 | 23 |
| 10 | Multiple Facets of Autophagy and the Emerging Role of Alkylphosphocholines as Autophagy Modulators. Frontiers in Pharmacology, 2020, 11, 547. | 1.6 | 25 |
| 11 | Optineurin downregulation induces endoplasmic reticulum stress, chaperone-mediated autophagy, and apoptosis in pancreatic cancer cells. Cell Death Discovery, 2019, 5, 128. | 2.0 | 19 |
| 12 | Conditional Knockdown of Osteopontin Inhibits Breast Cancer Skeletal Metastasis. International Journal of Molecular Sciences, 2019, 20, 4918. | 1.8 | 22 |
| 13 | Experimental Results Help Shape the Development of Personalized Medicine in Colorectal Cancer. , 2019, , . | | 0 |
| 14 | ABT-737 and erufosine combination against castration-resistant prostate cancer. Anti-Cancer Drugs, 2019, 30, 383-393. | 0.7 | 9 |
| 15 | CCR5 blockage by maraviroc: a potential therapeutic option for metastatic breast cancer. Cellular Oncology (Dordrecht), 2019, 42, 93-106. | 2.1 | 44 |
| 16 | Alkylphospholipids are Signal Transduction Modulators with Potential for Anticancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 66-91. | 0.9 | 14 |
| 17 | Induction of ER and mitochondrial stress by the alkylphosphocholine erufosine in oral squamous cell carcinoma cells. Cell Death and Disease, 2018, 9, 296. | 2.7 | 32 |
| 18 | IDK1 is a rat monoclonal antibody against hypoglycosylated bone sialoprotein with application as biomarker and therapeutic agent in breast cancer skeletal metastasis. Journal of Pathology: Clinical Research, 2018, 4, 55-68. | 1.3 | 13 |

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|---|---|---|---|
| 19 | The expression of genes contributing to pancreatic adenocarcinoma progression is influenced by the respective environment. Genes and Cancer, 2018, 9, 114-129. | 0.6 | 13 |
| 20 | Pancreatic carcinoma cells colonizing the liver modulate the expression of their extracellular matrix genes. Genes and Cancer, 2018, 9, 215-231. | 0.6 | 6 |
| 21 | Upregulation of cell cycle genes in head and neck cancer patients may be antagonized by erufosineâ€™s down regulation of cell cycle processes in OSCC cells. Oncotarget, 2018, 9, 5797-5810. | 0.8 | 14 |
| 22 | Erufosine increases RhoB expression in oral squamous carcinoma cells independent of its tumor suppressive mode of action - a short report. Cellular Oncology (Dordrecht), 2017, 40, 89-96. | 2.1 | 11 |
| 23 | The ribosome inhibiting protein riproximin shows antineoplastic activity in experimental pancreatic cancer liver metastasis. Oncology Letters, 2017, 15, 1441-1448. | 0.8 | 7 |
| 24 | Investigation of Metastasis-Related Genes: A Rat Model Mimicking Liver Metastasis of Colorectal Carcinoma. Frontiers in Oncology, 2017, 7, 152. | 1.3 | 2 |
| 25 | The chemokines CCR1 and CCRL2 have a role in colorectal cancer liver metastasis. Tumor Biology, 2016, 37, 2461-2471. | 0.8 | 35 |
| 26 | Riproximin modulates multiple signaling cascades leading to cytostatic and apoptotic effects in human breast cancer cells. Journal of Cancer Research and Clinical Oncology, 2016, 142, 135-147. | 1.2 | 26 |
| 27 | Riproximin: A type II ribosome inactivating protein with anti-neoplastic potential induces IL24/MDA-7 and GADD genes in colorectal cancer cell lines. International Journal of Oncology, 2015, 47, 981-990. | 1.4 | 10 |
| 28 | Antitumor Lipidsâ€"Structure, Functions, and Medical Applications. Advances in Protein Chemistry and Structural Biology, 2015, 101, 27-66. | 1.0 | 31 |
| 29 | CCR5 blockage by maraviroc induces cytotoxic and apoptotic effects in colorectal cancer cells. Medical Oncology, 2015, 32, 158. | 1.2 | 40 |
| 30 | Reduced Expression of the Retinoblastoma Protein Shows That the Related Signaling Pathway Is Essential for Mediating the Antineoplastic Activity of Erufosine. PLoS ONE, 2014, 9, e100950. | 1.1 | 10 |
| 31 | Riproximinâ€™s activity depends on gene expression and sensitizes PDAC cells to TRAIL. Cancer Biology and Therapy, 2014, 15, 1185-1197. | 1.5 | 11 |
| 32 | Erufosine Induces Autophagy and Apoptosis in Oral Squamous Cell Carcinoma. , 2014, , 229-245. | | 1 |
| 33 | Alkylphosphocholines and curcumin induce programmed cell death in cutaneous T-cell lymphoma cell lines. Leukemia Research, 2014, 38, 49-56. | 0.4 | 22 |
| 34 | Riproximin is a recently discovered type II ribosome inactivating protein with potential for treating cancer. Biotechnology Advances, 2014, 32, 1077-1090. | 6.0 | 24 |
| 35 | Differential effects of erufosine on proliferation, wound healing and apoptosis in colorectal cancer cell lines. Oncology Reports, 2014, 31, 1407-1416. | 1.2 | 17 |
| 36 | Sustained conditional knockdown reveals intracellular bone sialoprotein as essential for breast cancer skeletal metastasis. Oncotarget, 2014, 5, 5510-5522. | 0.8 | 28 |

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| 37 | SIBLINGs and SPARC families: Their emerging roles in pancreatic cancer. World Journal of Gastroenterology, 2014, 20, 14747. | 1.4 | 21 |
| 38 | Effect of Erufosine on the Reorganization of Cytoskeleton and Cell Death in Adherent Tumor and Non-Tumorigenic Cells. Biotechnology and Biotechnological Equipment, 2013, 27, 3695-3699. | 0.5 | 7 |
| 39 | Evaluation of Riproximin Binding Properties Reveals a Novel Mechanism for Cellular Targeting*. Journal of Biological Chemistry, 2012, 287, 35873-35886. | 1.6 | 17 |
| 40 | Few genes are associated with the capability of pancreatic ductal adenocarcinoma cells to grow in the liver of nude rats. Oncology Reports, 2012, 28, 2177-2187. | 1.2 | 18 |
| 41 | Erufosine suppresses breast cancer in vitro and in vivo for its activity on PI3K, c-Raf and Akt proteins. Journal of Cancer Research and Clinical Oncology, 2012, 138, 1909-1917. | 1.2 | 31 |
| 42 | Purification and characterization of riproximin from Ximenia americana fruit kernels. Protein Expression and Purification, 2012, 82, 97-105. | 0.6 | 21 |
| 43 | Multi-modal Imaging of Angiogenesis in a Nude Rat Model of Breast Cancer Bone Metastasis Using Magnetic Resonance Imaging, Volumetric Computed Tomography and Ultrasound. Journal of Visualized Experiments, 2012, , e4178. | 0.2 | 10 |
| 44 | Erufosine simultaneously induces apoptosis and autophagy by modulating the Aktâ€“mTOR signaling pathway in oral squamous cell carcinoma. Cancer Letters, 2012, 319, 39-48. | 3.2 | 59 |
| 45 | Prognostic value of tumor progression-related gene expression in colorectal cancer patients. Journal of Cancer Research and Clinical Oncology, 2012, 138, 1631-1640. | 1.2 | 11 |
| 46 | Silencing of skeletal metastasis-associated genes impairs migration of breast cancer cells and reduces osteolytic bone lesions. Clinical and Experimental Metastasis, 2012, 29, 441-456. | 1.7 | 33 |
| 47 | Sequential biphasic changes in claudin1 and claudin4 expression are correlated to colorectal cancer progression and liver metastasis. Journal of Cellular and Molecular Medicine, 2012, 16, 260-272. | 1.6 | 30 |
| 48 | Disseminated colorectal tumor cells in organs prone to metastasis detected by new double enriched nested-PCR in comparison with recognized assays. Oncology Reports, 2011, 25, 1421-9. | 1.2 | 1 |
| 49 | Expression of chemokine receptor CCR5 correlates with the presence of hepatic molecular metastases in K-ras positive human colorectal cancer. Journal of Cancer Research and Clinical Oncology, 2011, 137, 1139-1145. | 1.2 | 8 |
| 50 | Erucylphospho-N,N,N-trimethylpropylammonium (erufosine) is a potential antimyeloma drug devoid of myelotoxicity. Cancer Chemotherapy and Pharmacology, 2011, 67, 13-25. | 1.1 | 32 |
| 51 | Cilengitide inhibits progression of experimental breast cancer bone metastases as imaged noninvasively using VCT, MRI and DCEâ€MRI in a longitudinal in vivo study. International Journal of Cancer, 2011, 128, 2453-2462. | 2.3 | 78 |
| 52 | The insulin-like growth factor binding proteins 3 and 7 are associated with colorectal cancer and liver metastasis. Cancer Biology and Therapy, 2011, 12, 69-79. | 1.5 | 51 |
| 53 | Sustained delivery and efficacy of polymeric nanoparticles containing osteopontin and bone sialoprotein antisenses in rats with breast cancer bone metastasis. International Journal of Cancer, 2010, 126, 1749-1760. | 2.3 | 48 |
| 54 | K-ras mutation status correlates with the expression of VEGFR1, VEGFR2, and PDGFRÎ± in colorectal cancer. International Journal of Colorectal Disease, 2010, 25, 181-186. | 1.0 | 21 |

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| 55 | Low expression of chemokine receptor CCR5 in human colorectal cancer correlates with lymphatic dissemination and reduced CD8+ T-cell infiltration. International Journal of Colorectal Disease, 2010, 25, 417-424. | 1.0 | 27 |
| 56 | Osteopontin but not osteonectin favors the metastatic growth of pancreatic cancer cell lines. Cancer Biology and Therapy, 2010, 10, 54-64. | 1.5 | 34 |
| 57 | Biodistribution of antisense nanoparticles in mammary carcinoma rat model. Drug Delivery, 2010, 17, 408-418. | 2.5 | 14 |
| 58 | Imaging anti-angiogenic treatment response with DCE-VCT, DCE-MRI and DWI in an animal model of breast cancer bone metastasis. European Journal of Radiology, 2010, 73, 280-287. | 1.2 | 57 |
| 59 | Regulation of osteopontin and related proteins in rat CC531 colorectal cancer cells. International Journal of Oncology, 2010, 37, 249-56. | 3.9 | 9 |
| 60 | Erucylphosphoâ€‹N,N,Nâ€‹trimethylpropylammonium Shows Substantial Cytotoxicity in Multiple Myeloma Cells. Annals of the New York Academy of Sciences, 2009, 1171, 350-358. | 1.8 | 10 |
| 61 | Chemoembolisation of rat colorectal liver metastases with drug eluting beads loaded with irinotecan or doxorubicin. Clinical and Experimental Metastasis, 2008, 25, 273-282. | 1.7 | 40 |
| 62 | Bevacizumab Inhibits Breast Cancer-Induced Osteolysis, Surrounding Soft Tissue Metastasis, and Angiogenesis in Rats as Visualized by VCT and MRI. Neoplasia, 2008, 10, 511-520. | 2.3 | 51 |
| 63 | The expression level of the tumor suppressor retinoblastoma protein (Rb) influences the antileukemic efficacy of erucylphospho-N,N,N-trimethylpropylammonium (ErPC3). Cancer Biology and Therapy, 2007, 6, 930-935. | 1.5 | 9 |
| 64 | Effect of zoledronic acid and an antibody against bone sialoprotein II on MDA-MB-231GFP breast cancer cells inÂvitro and on osteolytic lesions induced inÂvivo by this cell line in nude rats. Clinical and Experimental Metastasis, 2007, 24, 449-459. | 1.7 | 6 |
| 65 | Miltefosine decreases the cytotoxic effect of Epirubicine and Cyclophosphamide on mouse spermatogenic, thymic and bone marrow cells. Archives of Toxicology, 2006, 80, 27-33. | 1.9 | 6 |
| 66 | Identification of potent anticancer activity in Ximenia americana aqueous extracts used by African traditional medicine. Toxicology and Applied Pharmacology, 2006, 211, 177-187. | 1.3 | 54 |
| 67 | Identification and characterization of riproximin, a new type II ribosomeâ€inactivating protein with antineoplastic activity from Ximenia americana. FASEB Journal, 2006, 20, 1194-1196. | 0.2 | 47 |
| 68 | Treatment of bone metastasis induced by MDA-MB-231 breast cancer cells with an antibody against bone sialoprotein. International Journal of Oncology, 2006, 28, 573-83. | 1.4 | 14 |
| 69 | Characterization of a rat model with site-specific bone metastasis induced by MDA-MB-231 breast cancer cells and its application to the effects of an antibody against bone sialoprotein. International Journal of Cancer, 2005, 115, 177-186. | 2.3 | 65 |
| 70 | Molecular detection of clinical colorectal cancer metastasis: how should multiple markers be put to use?. International Journal of Colorectal Disease, 2005, 20, 137-146. | 1.0 | 40 |
| 71 | Combination treatment of CC531-lac-Z rat liver metastases by chemoembolization with pemetrexed disodium and gemcitabine. Journal of Cancer Research and Clinical Oncology, 2005, 131, 289-299. | 1.2 | 10 |
| 72 | Detection of Isolated Tumor Cells by Polymerase Chain Reaction-Restriction Fragment Length Polymorphism for K-ras Mutations in Tissue Samples of 199 Colorectal Cancer Patients. Clinical Cancer Research, 2004, 10, 641-650. | 3.2 | 50 |

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| 73 | Downregulation of osteopontin and bone sialoprotein II is related to reduced colony formation and metastasis formation of MDA-MB-231 human breast cancer cells. Cancer Gene Therapy, 2004, 11, 109-120. | 2.2 | 67 |
| 74 | Chemoembolization of rat liver metastasis with irinotecan and quantification of tumor cell reduction. Journal of Cancer Research and Clinical Oncology, 2004, 130, 203-210. | 1.2 | 12 |
| 75 | Prognostic value of disseminated colorectal tumor cells in the liver: results of follow-up examinations. International Journal of Colorectal Disease, 2004, 19, 380-386. | 1.0 | 26 |
| 76 | Decreased levels of osteopontin and bone sialoprotein II are correlated with reduced proliferation, colony formation, and migration of GFP-MDA-MB-231 cells. International Journal of Oncology, 2004, 24, 1235-44. | 1.4 | 20 |
| 77 | Chemoembolization of rat liver metastasis with microspheres and gemcitabine followed by evaluation of tumor cell load by chemiluminescence. Oncology Reports, 2004, 11, 1107-13. | 1.2 | 5 |
| 78 | K-ras codon 12 and 13 mutations are correlated with differential patterns of tumor cell dissemination in colorectal cancer patients. International Journal of Oncology, 2004, 24, 1537-44. | 1.4 | 6 |
| 79 | Induction of Apoptosis by Erucylphospho-N,N,N-trimethylammonium Is Associated with Changes in Signal Molecule Expressionand Location. Annals of the New York Academy of Sciences, 2003, 1010, 307-310. | 1.8 | 19 |
| 80 | Superiority of combined chemo-embolization and portal infusion with 5-fluorouracil over locoregional infusion concepts in Novikoff hepatoma-bearing rats. Journal of Cancer Research and Clinical Oncology, 2003, 129, 655-661. | 1.2 | 2 |
| 81 | Cytokeratin 20 and guanylyl cyclase C mRNA is largely present in lymph node and liver specimens of colorectal cancer patients. International Journal of Cancer, 2003, 107, 617-628. | 2.3 | 21 |
| 82 | Hepatic disseminated tumor cells in colorectal cancer UICC stage 4 patients: prognostic implications. International Journal of Oncology, 2003, 23, 791-6. | 1.4 | 6 |
| 83 | Combination effects of alkylphosphocholines and gemcitabine in malignant and normal hematopoietic cells. Cancer Letters, 2002, 182, 163-174. | 3.2 | 37 |
| 84 | Combination with an antisense oligonucleotide synergistically improves the antileukemic efficacy of erucylphospho-N,N,N-trimethylpropylammonium in chronic myeloid leukemia cell lines. Molecular Cancer Therapeutics, 2002, 1, 877-84. | 1.9 | 11 |
| 85 | BCR-ABL influences the antileukaemic efficacy of alkylphosphocholines. British Journal of Haematology, 1999, 107, 365-374. | 1.2 | 140 |
| 86 | Quantitative detection of lac-Z-transfected CC531 colon carcinoma cells in an orthotopic rat liver metastasis model. Clinical and Experimental Metastasis, 1999, 17, 369-376. | 1.7 | 18 |
| 87 | Human urinary bladder carcinoma cell lines respond to treatment with alkylphosphocholines. Cancer Letters, 1999, 144, 153-160. | 3.2 | 46 |
| 88 | Alkylphosphocholines induce apoptosis in HL-60 and U-937 leukemic cells. Cancer Chemotherapy and Pharmacology, 1997, 41, 210-216. | 1.1 | 35 |
| 89 | Structure-activity relationships of four anti-cancer alkylphosphocholine derivativesIn Vitro andIn Vivo. International Journal of Cancer, 1993, 53, 418-425. | 2.3 | 22 |
| 90 | Alkylphosphocholines: influence of structural variation on biodistribution at antineoplastically active concentrations. Cancer Chemotherapy and Pharmacology, 1992, 30, 105-112. | 1.1 | 52 |

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| 91 | Assessment of antineoplastic agents by MTT assay: partial underestimation of antiproliferative properties. Cancer Chemotherapy and Pharmacology, 1992, 30, 385-393. | 1.1 | 49 |
| 92 | Early Metastasis in Colorectal Cancer Poses an Option for New Diagnostic and Treatment Strategies. , 0, , . | | 1 |