Raul Ortiz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1633521/publications.pdf

Version: 2024-02-01

67 papers	1,605 citations	236925 25 h-index	330143 37 g-index
67 all docs	67 docs citations	67 times ranked	3083 citing authors

#	Article	IF	Citations
1	Evaluation of poly (lactic-co-glycolic acid) nanoparticles to improve the therapeutic efficacy of paclitaxel in breast cancer. BioImpacts, 2022, , .	1.5	1
2	Paclitaxel antitumor effect improvement in lung cancer and prevention of the painful neuropathy using large pegylated cationic liposomes. Biomedicine and Pharmacotherapy, 2021, 133, 111059.	5.6	32
3	Antitumor Effect of the Ethanolic Extract from Seeds of Euphorbia lathyris in Colorectal Cancer. Nutrients, 2021, 13, 566.	4.1	15
4	Identification of PARP-1 in cancer stem cells of gastrointestinal cancers: A preliminary study. Journal of Biosciences, 2021, 46, 1.	1.1	4
5	Temozolomide: An Updated Overview of Resistance Mechanisms, Nanotechnology Advances and Clinical Applications. Current Neuropharmacology, 2021, 19, 513-537.	2.9	40
6	Nanomedicine to Overcome Multidrug Resistance Mechanisms in Colon and Pancreatic Cancer: Recent Progress. Cancers, 2021, 13, 2058.	3.7	26
7	Circulating PTGS2, JAG1, GUCY2C and PGF mRNA in Peripheral Blood and Serum as Potential Biomarkers for Patients with Metastatic Colon Cancer. Journal of Clinical Medicine, 2021, 10, 2248.	2.4	12
8	The Antitumor Activity of Sodium Selenite Alone and in Combination with Gemcitabine in Pancreatic Cancer: An In Vitro and In Vivo Study. Cancers, 2021, 13, 3169.	3.7	10
9	Impact of the Epigenetically Regulated Hoxa-5 Gene in Neural Differentiation from Human Adipose-Derived Stem Cells. Biology, 2021, 10, 802.	2.8	2
10	Antioxidant and antiproliferative potential of ethanolic extracts from Moringa oleifera, Tropaeolum tuberosum and Annona cherimola in colorrectal cancer cells. Biomedicine and Pharmacotherapy, 2021, 143, 112248.	5.6	11
11	Magnetically active pNIPAM nanosystems as temperature-sensitive biocompatible structures for controlled drug delivery. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1022-1035.	2.8	23
12	MMR-proficient and MMR-deficient colorectal cancer cells: 5-Fluorouracil treatment response and correlation to CD133 and MGMT expression. Journal of Biosciences, 2020, 45, 1.	1.1	3
13	Bengamide Analogues Show A Potent Antitumor Activity against Colon Cancer Cells: A Preliminary Study. Marine Drugs, 2020, 18, 240.	4.6	5
14	Biomimetic Magnetoliposomes as Oxaliplatin Nanocarriers: In Vitro Study for Potential Application in Colon Cancer. Pharmaceutics, 2020, 12, 589.	4.5	28
15	Oxaliplatinâ€“Biomimetic Magnetic Nanoparticle Assemblies for Colon Cancer-Targeted Chemotherapy: An In Vitro Study. Pharmaceutics, 2019, 11, 395.	4.5	28
16	Double origin of the extensor hallucis longus muscle: a case report. Surgical and Radiologic Anatomy, 2019, 41, 1421-1423.	1.2	4
17	Nanoformulations for glioblastoma multiforme: a new hope for treatment. Future Medicinal Chemistry, 2019, 11, 2461-2482.	2.3	21
18	A novel nanoformulation of PLGA with high non-ionic surfactant content improves in vitro and in vivo PTX activity against lung cancer. Pharmacological Research, 2019, 141, 451-465.	7.1	39

#	Article	IF	Citations
19	MGMT Promoter Methylation in Patients with Rectal Adenocarcinoma After Chemoradiotherapy Treatment: Clinical Implications. Balkan Medical Journal, 2019, 36, 283-286.	0.8	0
20	Nano-engineering of biomedical prednisolone liposomes: evaluation of the cytotoxic effect on human colon carcinoma cell lines. Journal of Pharmacy and Pharmacology, 2018, 70, 488-497.	2.4	4
21	Latest in Vitro and in Vivo Assay, Clinical Trials and Patents in Cancer Treatment using Curcumin: A Literature Review. Nutrition and Cancer, 2018, 70, 569-578.	2.0	51
22	Study of aggregation in therapeutic monoclonal antibodies subjected to stress and long-term stability tests by analyzing size exclusion liquid chromatographic profiles. International Journal of Biological Macromolecules, 2018, 118, 511-524.	7.5	20
23	Formulation and in vitro evaluation of magnetoliposomes as a potential nanotool in colorectal cancer therapy. Colloids and Surfaces B: Biointerfaces, 2018, 171, 553-565.	5.0	30
24	Proteomic biomarkers in body fluids associated with pancreatic cancer. Oncotarget, 2018, 9, 16573-16587.	1.8	25
25	Nanoemulsion Strategy for Ursolic and Oleanic Acids Isolates from Plumeria Obtusa Improves Antioxidant and Cytotoxic Activity in Melanoma Cells. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 847-853.	1.7	8
26	Paclitaxel-loaded hollow-poly(4-vinylpyridine) nanoparticles enhance drug chemotherapeutic efficacy in lung and breast cancer cell lines. Nano Research, 2017, 10, 856-875.	10.4	22
27	Improved antitumor activity and reduced toxicity of doxorubicin encapsulated in poly(Îµ-caprolactone) nanoparticles in lung and breast cancer treatment: An in vitro and in vivo study. European Journal of Pharmaceutical Sciences, 2017, 102, 24-34.	4.0	49
28	Tripalmitin nanoparticle formulations significantly enhance paclitaxel antitumor activity against breast and lung cancer cells in vitro. Scientific Reports, 2017, 7, 13506.	3.3	31
29	Nanomedical Platform for Drug Delivery in Cancer. Current Organic Chemistry, 2017, 21, .	1.6	6
30	Current Status of Immunotherapy Treatments for Pancreatic Cancer. Journal of Clinical Gastroenterology, 2016, 50, 836-848.	2.2	11
31	Last Advances in Nanocarriers-Based Drug Delivery Systems for Colorectal Cancer. Current Drug Delivery, 2016, 13, 830-838.	1.6	18
32	Enhanced antitumor activity of doxorubicin in breast cancer through the use of poly(butylcyanoacrylate) nanoparticles. International Journal of Nanomedicine, 2015, 10, 1291.	6.7	40
33	Enhanced antitumoral activity of doxorubicin against lung cancer cells using biodegradable poly(butylcyanoacrylate) nanoparticles. Drug Design, Development and Therapy, 2015, 9, 6433.	4.3	28
34	Microenvironmental Modulation of Decorin and Lumican in Temozolomide-Resistant Glioblastoma and Neuroblastoma Cancer Stem-Like Cells. PLoS ONE, 2015, 10, e0134111.	2.5	44
35	Temozolomide Resistance in Glioblastoma Cell Lines: Implication of MGMT, MMR, P-Glycoprotein and CD133 Expression. PLoS ONE, 2015, 10, e0140131.	2.5	144
36	Poly(butylcyanoacrylate) and Poly(Îµ-caprolactone) Nanoparticles Loaded with 5-Fluorouracil Increase the Cytotoxic Effect of the Drug in Experimental Colon Cancer. AAPS Journal, 2015, 17, 918-929.	4.4	28

#	Article	IF	Citations
37	Transcriptional Profiling of Peripheral Blood in Pancreatic Adenocarcinoma Patients Identifies Diagnostic Biomarkers. Digestive Diseases and Sciences, 2014, 59, 2714-2720.	2.3	41
38	Qualitative and quantitative analyses of anatomistsâ€™ research: evaluation of multidisciplinarity and trends in scientific production. Scientometrics, 2014, 98, 447-456.	3.0	3
39	Prognostic impact of MGMT promoter methylation and MGMT and CD133 expression in colorectal adenocarcinoma. BMC Cancer, 2014, 14, 511.	2.6	28
40	Modulation of multidrug resistance gene expression in peripheral blood mononuclear cells of lung cancer patients and evaluation of their clinical significance. Cancer Chemotherapy and Pharmacology, 2013, 71, 537-541.	2.3	10
41	RNA Interference in the Treatment of Colon Cancer. BioDrugs, 2013, 27, 317-327.	4.6	14
42	Nano-engineering of 5-fluorouracil-loaded magnetoliposomes for combined hyperthermia and chemotherapy against colon cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 329-338.	4.3	77
43	Regulatory Systems in Bone Marrow for Hematopoietic Stem/Progenitor Cells Mobilization and Homing. BioMed Research International, 2013, 2013, 1-12.	1.9	43
44	Antitumor Properties of Natural Compounds and Related Molecules. Recent Patents on Anti-Cancer Drug Discovery, 2013, 8, 203-215.	1.6	21
45	Application of Nanotechnology in the Treatment and Diagnosis of Gastrointestinal Cancers: Review of Recent Patents. Recent Patents on Anti-Cancer Drug Discovery, 2013, 9, 21-34.	1.6	11
46	Colon Cancer Therapy: Recent Developments in Nanomedicine to Improve the Efficacy of Conventional Chemotherapeutic Drugs. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 1204-1216.	1.7	30
47	Modulation of MDR1 and MRP3 Gene Expression in Lung Cancer Cells after Paclitaxel and Carboplatin Exposure. International Journal of Molecular Sciences, 2012, 13, 16624-16635.	4.1	27
48	Doxorubicin-Loaded Nanoparticles: New Advances in Breast Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 1058-1070.	1.7	106
49	New Gene Therapy Strategies for Cancer Treatment: A Review of Recent Patents. Recent Patents on Anti-Cancer Drug Discovery, 2012, 7, 297-312.	1.6	44
50	How is Gene Transfection Able to Improve Current Chemotherapy? The Role of Combined Therapy in Cancer Treatment. Current Medicinal Chemistry, 2012, 19, 1870-1888.	2.4	10
51	Development and morphogenesis of human wrist joint during embryonic and early fetal period. Journal of Anatomy, 2012, 220, 580-590.	1.5	13
52	MGMT promoter methylation status and MGMT and CD133 immunohistochemical expression as prognostic markers in glioblastoma patients treated with temozolomide plus radiotherapy. Journal of Translational Medicine, 2012, 10, 250.	4.4	68
53	Gef gene therapy enhances the therapeutic efficacy of cytotoxics in colon cancer cells. Biomedicine and Pharmacotherapy, 2012, 66, 563-567.	5.6	7
54	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. American Journal of Pathology, 2012, 181, 2079-2093.	3.8	36

#	Article	IF	Citations
55	Patented Biomarkers of Peripheral Blood for the Early Detection of Cancer. Recent Patents on Biomarkers, 2012, 2, 17-28.	0.2	2
56	5-Fluorouracil-loaded poly(ε-caprolactone) nanoparticles combined with phage E gene therapy as a new strategy against colon cancer. International Journal of Nanomedicine, 2012, 7, 95.	6.7	34
57	The selective cytotoxic activity in breast cancer cells by an anthranilic alcohol-derived acyclic 5-fluorouracil O,N-acetal is mediated by endoplasmic reticulum stress-induced apoptosis. European Journal of Medicinal Chemistry, 2012, 50, 376-382.	5.5	14
58	Multidrug resistance and rhabdomyosarcoma (Review). Oncology Reports, 2011, 26, 755-61.	2.6	10
59	E phage gene transfection associated to chemotherapeutic agents increases apoptosis in lung and colon cancer cells. Bioengineered Bugs, 2011, 2, 163-167.	1.7	6
60	gef Gene Expression in MCF-7 Breast Cancer Cells is Associated with a Better Prognosis and Induction of Apoptosis by p53-Mediated Signaling Pathway. International Journal of Molecular Sciences, 2011, 12, 7445-7458.	4.1	6
61	E phage gene transfection enhances sensitivity of lung and colon cancer cells to chemotherapeutic agents. International Journal of Oncology, 2010, 37, 1503-14.	3.3	7
62	Gef gene therapy enhances the therapeutic efficacy of doxorubicin to combat growth of MCF-7 breast cancer cells. Cancer Chemotherapy and Pharmacology, 2010, 66, 69-78.	2.3	22
63	Regression of established subcutaneous B16â€F10 murine melanoma tumors after gef gene therapy associated with the mitochondrial apoptotic pathway. Experimental Dermatology, 2010, 19, 363-371.	2.9	13
64	Differentiation of Intestinal Epithelial Cells Mediated by Cell Confluence and/or Exogenous Nucleoside Supplementation. Cells Tissues Organs, 2010, 191, 478-488.	2.3	14
65	The cytotoxic activity of the phage E protein suppress the growth of murine B16 melanomas in vitro and in vivo. Journal of Molecular Medicine, 2009, 87, 899-911.	3.9	9
66	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. International Journal of Oncology, 2008, 33, 121-7.	3.3	8
67	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. International Journal of Oncology, 0, , .	3.3	8