

# Olivier Feron

## List of Publications by Year in descending order

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Version: 2024-02-01

280  
papers

30,777  
citations

8755

75  
h-index

4885

168  
g-index

286  
all docs

286  
docs citations

286  
times ranked

43337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of basal and glucagon-induced hepatic glucose production by 991 and other pharmacological AMPK activators. <i>Biochemical Journal</i> , 2022, 479, 1317-1336.	3.7	2
2	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. <i>Science Advances</i> , 2021, 7, .	10.3	26
3	Therapy-induced DNA methylation inactivates MCT1 and renders tumor cells vulnerable to MCT4 inhibition. <i>Cell Reports</i> , 2021, 35, 109202.	6.4	14
4	Editorial: Bone Metastases. <i>Frontiers in Oncology</i> , 2021, 11, 741515.	2.8	1
5	Punicic Acid Triggers Ferroptotic Cell Death in Carcinoma Cells. <i>Nutrients</i> , 2021, 13, 2751.	4.1	16
6	Impact of Inhibition of the Mitochondrial Pyruvate Carrier on the Tumor Extracellular pH as Measured by CEST-MRI. <i>Cancers</i> , 2021, 13, 4278.	3.7	13
7	Peroxidation of n-3 and n-6 polyunsaturated fatty acids in the acidic tumor environment leads to ferroptosis-mediated anticancer effects. <i>Cell Metabolism</i> , 2021, 33, 1701-1715.e5.	16.2	189
8	A survey of electricity spot and futures price models for risk management applications. <i>Energy Economics</i> , 2021, 102, 105504.	12.1	11
9	Unravelling the Allosteric Targeting of PHGDH at the ACT-Binding Domain with a Photoactivatable Diazirine Probe and Mass Spectrometry Experiments. <i>Molecules</i> , 2021, 26, 477.	3.8	6
10	Efficient volatility estimation in a two-factor model. <i>Scandinavian Journal of Statistics</i> , 2020, 47, 862-898.	1.4	2
11	Acidosis-induced metabolic reprogramming in tumor cells enhances the anti-proliferative activity of the PDK inhibitor dichloroacetate. <i>Cancer Letters</i> , 2020, 470, 18-28.	7.2	16
12	Targeting Endothelial Cell Metabolism by Inhibition of Pyruvate Dehydrogenase Kinase and Glutaminase-1. <i>Journal of Clinical Medicine</i> , 2020, 9, 3308.	2.4	10
13	Cancer diets for cancer patients: Lessons from mouse studies and new insights from the study of fatty acid metabolism in tumors. <i>Biochimie</i> , 2020, 178, 56-68.	2.6	13
14	Obesity and triple-negative breast cancer: Is apelin a new key target?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10233-10244.	3.6	16
15	Acetate: Friend or foe against breast tumour growth in the context of obesity?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 14195-14204.	3.6	4
16	Dichloroacetate Radiosensitizes Hypoxic Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9367.	4.1	16
17	Price Formation and Optimal Trading in Intraday Electricity Markets with a Major Player. <i>Risks</i> , 2020, 8, 133.	2.4	11
18	Inhibition of colorectal cancer-associated fibroblasts by lipid nanocapsules loaded with acriflavine or paclitaxel. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119337.	5.2	14

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19	Photodynamic Therapy-Based Dendritic Cell Vaccination Suited to Treat Peritoneal Mesothelioma. <i>Cancers</i> , 2020, 12, 545.	3.7	27
20	Re-Evaluating the Mechanism of Action of $\alpha,\beta$ -Unsaturated Carbonyl DUB Inhibitors b-AP15 and VLX1570: A Paradigmatic Example of Unspecific Protein Cross-linking with Michael Acceptor Motif-Containing Drugs. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3756-3762.	6.4	31
21	TGF $\beta$ 2-induced formation of lipid droplets supports acidosis-driven EMT and the metastatic spreading of cancer cells. <i>Nature Communications</i> , 2020, 11, 454.	12.8	184
22	Cycling hypoxia promotes a pro-inflammatory phenotype in macrophages via JNK/p65 signaling pathway. <i>Scientific Reports</i> , 2020, 10, 882.	3.3	41
23	Structure-Activity Relationships (SARs) of $\alpha$ -Ketothioamides as Inhibitors of Phosphoglycerate Dehydrogenase (PHGDH). <i>Pharmaceuticals</i> , 2020, 13, 20.	3.8	13
24	Metabolic Imaging Using Hyperpolarized Pyruvate-Lactate Exchange Assesses Response or Resistance to the EGFR Inhibitor Cetuximab in Patient-Derived HNSCC Xenografts. <i>Clinical Cancer Research</i> , 2020, 26, 1932-1943.	7.0	8
25	Acidosis-Induced TGF $\beta$ 2 Production Promotes Lipid Droplet Formation in Dendritic Cells and Alters Their Potential to Support Anti-Mesothelioma T Cell Response. <i>Cancers</i> , 2020, 12, 1284.	3.7	25
26	Estimating fast mean-reverting jumps in electricity market models. <i>ESAIM - Probability and Statistics</i> , 2020, 24, 963-1002.	0.5	0
27	Low Photosensitizer Dose and Early Radiotherapy Enhance Antitumor Immune Response of Photodynamic Therapy-Based Dendritic Cell Vaccination. <i>Frontiers in Oncology</i> , 2019, 9, 811.	2.8	47
28	Cleaved Caspase-3 Transcriptionally Regulates Angiogenesis-Promoting Chemotherapy Resistance. <i>Cancer Research</i> , 2019, 79, 5958-5970.	0.9	55
29	Exploring the Phototoxicity of Hypoxic Active Iridium(III)-Based Sensitizers in 3D Tumor Spheroids. <i>Journal of the American Chemical Society</i> , 2019, 141, 18486-18491.	13.7	80
30	SP-0441 Inhibiting mitochondrial TCA cycle unravels tumor growth inhibitory and radiosensitizing effects. <i>Radiotherapy and Oncology</i> , 2019, 133, S232.	0.6	0
31	Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy. <i>Nanomedicine</i> , 2019, 14, 317-333.	3.3	42
32	Reprogramming of Energy Metabolism: Increased Expression and Roles of Pyruvate Carboxylase in Papillary Thyroid Cancer. <i>Thyroid</i> , 2019, 29, 845-857.	4.5	25
33	Anti-alcohol abuse drug disulfiram inhibits human PHGDH via disruption of its active tetrameric form through a specific cysteine oxidation. <i>Scientific Reports</i> , 2019, 9, 4737.	3.3	39
34	Piperlongumine increases sensitivity of colorectal cancer cells to radiation: Involvement of ROS production via dual inhibition of glutathione and thioredoxin systems. <i>Cancer Letters</i> , 2019, 450, 42-52.	7.2	58
35	The many metabolic sources of acetyl-CoA to support histone acetylation and influence cancer progression. <i>Annals of Translational Medicine</i> , 2019, 7, S277-S277.	1.7	21
36	Dealing with saturated and unsaturated fatty acid metabolism for anticancer therapy. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 427-433.	2.5	14

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37	Therapeutic Potential of Focal Adhesion Kinase Inhibition in Small Cell Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 17-27.	4.1	28
38	Two isoprenylated flavonoids from <i>Dorstenia psilurus</i> activate AMPK, stimulate glucose uptake, inhibit glucose production and lower glycemia. <i>Biochemical Journal</i> , 2019, 476, 3687-3704.	3.7	12
39	Abstract 3865: Discovery of novel DHODH and OXPHOS inhibitors. , 2019, , .		0
40	Interruption of lactate uptake by inhibiting mitochondrial pyruvate transport unravels direct antitumor and radiosensitizing effects. <i>Nature Communications</i> , 2018, 9, 1208.	12.8	124
41	Optimized acriflavine-loaded lipid nanocapsules as a safe and effective delivery system to treat breast cancer. <i>International Journal of Pharmaceutics</i> , 2018, 551, 322-328.	5.2	30
42	Preclinical Evaluation of White Led-Activated Non-porphyrinic Photosensitizer OR141 in 3D Tumor Spheroids and Mouse Skin Lesions. <i>Frontiers in Oncology</i> , 2018, 8, 393.	2.8	11
43	Antidiabetic Biguanides Radiosensitize Hypoxic Colorectal Cancer Cells Through a Decrease in Oxygen Consumption. <i>Frontiers in Pharmacology</i> , 2018, 9, 1073.	3.5	29
44	Potential of memory T cells in bridging preoperative chemoradiation and immunotherapy in rectal cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, 361-369.	0.6	4
45	Cancer cell metabolism and mitochondria: Nutrient plasticity for TCA cycle fueling. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 7-15.	7.4	124
46	Î±-Ketothioamide Derivatives: A Promising Tool to Interrogate Phosphoglycerate Dehydrogenase (PHGDH). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1591-1597.	6.4	50
47	The NLRP3 Inflammasome Has a Critical Role in Peritoneal Dialysis-Related Peritonitis. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2038-2052.	6.1	38
48	Validation of a SPE HPLC-UV method for the quantification of a new ER-specific photosensitizer OR-141 in blood serum using total error concept. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 87-94.	2.8	5
49	Emerging roles of lipid metabolism in cancer progression. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 254-260.	2.5	91
50	Metallic nanoparticles irradiated by low-energy protons for radiation therapy: Are there significant physical effects to enhance the dose delivery?. <i>Medical Physics</i> , 2017, 44, 4299-4312.	3.0	24
51	MRI Assessment of Cardiomyopathy Induced by Î²1-Adrenoreceptor Autoantibodies and Protection Through Î²3-Adrenoreceptor Overexpression. <i>Scientific Reports</i> , 2017, 7, 43951.	3.3	5
52	Challenges and Opportunities in the Development of Serine Synthetic Pathway Inhibitors for Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1227-1237.	6.4	40
53	Tumour acidosis: from the passenger to the driver's seat. <i>Nature Reviews Cancer</i> , 2017, 17, 577-593.	28.4	666
54	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017, 117, 1336-1340.	6.4	12

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55	Cancer heterogeneity is not compatible with one unique cancer cell metabolic map. <i>Oncogene</i> , 2017, 36, 2637-2642.	5.9	79
56	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Networks in Cancer. <i>Frontiers in Pharmacology</i> , 2017, 8, 411.	3.5	6
57	Dnmt3a-mediated inhibition of Wnt in cardiac progenitor cells improves differentiation and remote remodeling after infarction. <i>JCI Insight</i> , 2017, 2, .	5.0	12
58	Auranofin radiosensitizes tumor cells through targeting thioredoxin reductase and resulting overproduction of reactive oxygen species. <i>Oncotarget</i> , 2017, 8, 35728-35742.	1.8	68
59	Contribution of macrophages in the contrast loss in iron oxide-based MRI cancer cell tracking studies. <i>Oncotarget</i> , 2017, 8, 38876-38885.	1.8	7
60	Multi-modality imaging to assess metabolic response to dichloroacetate treatment in tumor models. <i>Oncotarget</i> , 2016, 7, 81741-81749.	1.8	10
61	Effects of BM-573 on Endothelial Dependent Relaxation and Increased Blood Pressure at Early Stages of Atherosclerosis. <i>PLoS ONE</i> , 2016, 11, e0152579.	2.5	12
62	The Blood Flow Shutdown Induced by Combretastatin A4 Impairs Gemcitabine Delivery in a Mouse Hepatocarcinoma. <i>Frontiers in Pharmacology</i> , 2016, 7, 506.	3.5	8
63	LET-dependent radiosensitization effects of gold nanoparticles for proton irradiation. <i>Nanotechnology</i> , 2016, 27, 455101.	2.6	50
64	Multimodality Imaging Identifies Distinct Metabolic Profiles In Vitro and In Vivo. <i>Neoplasia</i> , 2016, 18, 742-752.	5.3	13
65	Biodistribution of 125I-labeled anti-endoglin antibody using SPECT/CT imaging: Impact of in vivo deiodination on tumor accumulation in mice. <i>Nuclear Medicine and Biology</i> , 2016, 43, 415-423.	0.6	13
66	Acidosis Drives the Reprogramming of Fatty Acid Metabolism in Cancer Cells through Changes in Mitochondrial and Histone Acetylation. <i>Cell Metabolism</i> , 2016, 24, 311-323.	16.2	244
67	High field magnetic resonance imaging of rodents in cardiovascular research. <i>Basic Research in Cardiology</i> , 2016, 111, 46.	5.9	13
68	Cycling hypoxia: A key feature of the tumor microenvironment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 76-86.	7.4	150
69	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
70	Gradient Scan Gibbs Sampler: An Efficient Algorithm for High-Dimensional Gaussian Distributions. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 343-352.	10.8	10
71	Delivery of siRNA targeting tumor metabolism using non-covalent PEGylated chitosan nanoparticles: Identification of an optimal combination of ligand structure, linker and grafting method. <i>Journal of Controlled Release</i> , 2016, 223, 53-63.	9.9	79
72	A new ER-specific photosensitizer unravels 1O <sub>2</sub> -driven protein oxidation and inhibition of deubiquitinases as a generic mechanism for cancer PDT. <i>Oncogene</i> , 2016, 35, 3976-3985.	5.9	31

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73	Inhibition of glucose metabolism prevents glycosylation of the glutamine transporter ASCT2 and promotes compensatory LAT1 upregulation in leukemia cells. <i>Oncotarget</i> , 2016, 7, 46371-46383.	1.8	23
74	Reducing the serine availability complements the inhibition of the glutamine metabolism to block leukemia cell growth. <i>Oncotarget</i> , 2016, 7, 1765-1776.	1.8	53
75	Synthesis and Evaluation of Certain Symmetrical Schiff Bases as Inhibitors of MDA-MB-241 Human Breast Cancer Cell Proliferation. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 205-209.	0.7	6
76	Metabolic and mind shifts. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 346-353.	2.5	50
77	Synthesis of Novel $\hat{2}$ -Keto-Enol Derivatives Tethered Pyrazole, Pyridine and Furan as New Potential Antifungal and Anti-Breast Cancer Agents. <i>Molecules</i> , 2015, 20, 20186-20194.	3.8	38
78	Monte Carlo Calculation of Radioimmunotherapy with $^{90}\text{Y}$ , $^{177}\text{Lu}$ , $^{131}\text{I}$ , $^{124}\text{I}$ , and $^{188}\text{Re}$ -Nanoobjects: Choice of the Best Radionuclide for Solid Tumour Treatment by Using TCP and NTCP Concepts. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-15.	1.3	8
79	The increase in tumor oxygenation under carbogen breathing induces a decrease in the uptake of $^{18}\text{F}$ -fluoro-deoxy-glucose. <i>Radiotherapy and Oncology</i> , 2015, 116, 400-403.	0.6	8
80	Variability of Mouse Left Ventricular Function Assessment by 11.7T MRI. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 362-371.	2.4	8
81	Cycling Hypoxia Induces a Specific Amplified Inflammatory Phenotype in Endothelial Cells and Enhances Tumor-Promoting Inflammation In Vivo. <i>Neoplasia</i> , 2015, 17, 66-78.	5.3	32
82	A roadmap for interpreting $^{13}\text{C}$ metabolite labeling patterns from cells. <i>Current Opinion in Biotechnology</i> , 2015, 34, 189-201.	6.6	513
83	Cytotoxic activities and metabolic studies of new combretastatin analogues. <i>Medicinal Chemistry Research</i> , 2015, 24, 3143-3156.	2.4	11
84	Intracellular siRNA delivery dynamics of integrin-targeted, PEGylated chitosan-poly(ethylene imine) hybrid nanoparticles: A mechanistic insight. <i>Journal of Controlled Release</i> , 2015, 211, 1-9.	9.9	48
85	<i>In vivo</i> visualization and <i>ex vivo</i> quantification of murine breast cancer cells in the mouse brain using MRI cell tracking and electron paramagnetic resonance. <i>NMR in Biomedicine</i> , 2015, 28, 367-375.	2.8	10
86	Reprogramming of tumor metabolism by targeting mitochondria improves tumor response to irradiation. <i>Acta Oncologica</i> , 2015, 54, 266-274.	1.8	30
87	Apresenta�o do dossi� Hans Blumenberg. <i>Revista De Filosofia: Aurora</i> , 2015, 27, 423.	0.1	1
88	<sup>89</sup> Zr-labeled anti-endoglin antibody-targeted gold nanoparticles for imaging cancer: implications for future cancer therapy. <i>Nanomedicine</i> , 2014, 9, 1923-1937.	3.3	33
89	Multimodal cell tracking of a spontaneous metastasis model: comparison between MRI, electron paramagnetic resonance and bioluminescence. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 143-153.	0.8	17
90	Role of AMP-activated protein kinase in regulating hypoxic survival and proliferation of mesenchymal stem cells. <i>Cardiovascular Research</i> , 2014, 101, 20-29.	3.8	36

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91	Tridentate bipyrazole compounds with a side-arm as a new class of antitumor agents. <i>Research on Chemical Intermediates</i> , 2014, 40, 681-687.	2.7	23
92	Antitumor Activity of 7-Aminocarboxycoumarin Derivatives, a New Class of Potent Inhibitors of Lactate Influx but Not Efflux. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1410-1418.	4.1	88
93	Vascular endothelial growth factor-loaded injectable hydrogel enhances plasticity in the injured spinal cord. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2345-2355.	4.0	50
94	Dynamic contrast-enhanced MRI in mouse tumors at 11.7%T: comparison of three contrast agents with different molecular weights to assess the early effects of combretastatin A4. <i>NMR in Biomedicine</i> , 2014, 27, 1403-1412.	2.8	9
95	A Mitochondrial Switch Promotes Tumor Metastasis. <i>Cell Reports</i> , 2014, 8, 754-766.	6.4	478
96	The SIRT1/HIF2 $\alpha$ Axis Drives Reductive Glutamine Metabolism under Chronic Acidosis and Alters Tumor Response to Therapy. <i>Cancer Research</i> , 2014, 74, 5507-5519.	0.9	139
97	Glucose deprivation increases monocarboxylate transporter 1 (MCT1) expression and MCT1-dependent tumor cell migration. <i>Oncogene</i> , 2014, 33, 4060-4068.	5.9	81
98	Hypoxia Modulates the Differentiation Potential of Stem Cells of the Apical Papilla. <i>Journal of Endodontics</i> , 2014, 40, 1410-1418.	3.1	59
99	Vitamin E-based micelles enhance the anticancer activity of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2014, 476, 9-15.	5.2	37
100	A generic cycling hypoxia-derived prognostic gene signature: application to breast cancer profiling. <i>Oncotarget</i> , 2014, 5, 6947-6963.	1.8	15
101	Library of Synthetic Compounds Based on Pyrazole Unit: Design and Screening Against Breast and Colorectal Cancer. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1010-1016.	0.7	7
102	Abstract 4035: A mitochondrial switch promotes tumor metastasis. , 2014, , .		1
103	Antibody-functionalized nanoparticles for imaging cancer: influence of conjugation to gold nanoparticles on the biodistribution of <sup>89</sup> Zr-labeled cetuximab in mice. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 402-408.	0.8	84
104	Fusicoccin A, a Phytotoxic Carbocyclic Diterpene Glucoside of Fungal Origin, Reduces Proliferation and Invasion of Glioblastoma Cells by Targeting Multiple Tyrosine Kinases. <i>Translational Oncology</i> , 2013, 6, 112-123.	3.7	31
105	Comparison of X-ray and alpha particle effects on a human cancer and endothelial cells: Survival curves and gene expression profiles. <i>Radiotherapy and Oncology</i> , 2013, 106, 397-403.	0.6	22
106	A new method combining sequential immunoaffinity depletion and differential in gel electrophoresis to identify autoantibodies as cancer biomarkers. <i>Journal of Immunological Methods</i> , 2013, 396, 23-32.	1.4	10
107	Synthesis and pharmacological evaluation of carboxycoumarins as a new antitumor treatment targeting lactate transport in cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7107-7117.	3.0	56
108	Reciprocal epithelial:endothelial paracrine interactions during thyroid development govern follicular organization and C-cells differentiation. <i>Developmental Biology</i> , 2013, 381, 227-240.	2.0	40

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109	Potential of radiotherapy by a localized antiangiogenic gene therapy. <i>Radiotherapy and Oncology</i> , 2013, 107, 252-258.	0.6	13
110	Endothelial cell metabolism and tumour angiogenesis: glucose and glutamine as essential fuels and lactate as the driving force. <i>Journal of Internal Medicine</i> , 2013, 273, 156-165.	6.0	190
111	Hellebrin and its aglycone form hellebrigenin display similar in vitro growth inhibitory effects in cancer cells and binding profiles to the alpha subunits of the Na <sup>+</sup> /K <sup>+</sup> -ATPase. <i>Molecular Cancer</i> , 2013, 12, 33.	19.2	39
112	Tumour hypoxia determines the potential of combining mTOR and autophagy inhibitors to treat mammary tumours. <i>British Journal of Cancer</i> , 2013, 109, 2597-2606.	6.4	23
113	Multimodal imaging of tumor response to sorafenib combined with radiation therapy: comparison between diffusion-weighted MRI, choline spectroscopy and <sup>18</sup> F PET imaging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 274-280.	0.8	8
114	PTEN deficiency is associated with reduced sensitivity to mTOR inhibitor in human bladder cancer through the unhampered feedback loop driving PI3K/Akt activation. <i>British Journal of Cancer</i> , 2013, 109, 1586-1592.	6.4	68
115	Mapping of oxygen by imaging lipids relaxation enhancement: A potential sensitive endogenous MRI contrast to map variations in tissue oxygenation. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 732-744.	3.0	41
116	Influence of Cell Detachment on the Respiration Rate of Tumor and Endothelial Cells. <i>PLoS ONE</i> , 2013, 8, e53324.	2.5	33
117	Hypoxia Integration in the Serological Proteome Analysis Unmasks Tumor Antigens and Fosters the Identification of Anti-Phospho-eEF2 Antibodies as Potential Cancer Biomarkers. <i>PLoS ONE</i> , 2013, 8, e76508.	2.5	10
118	Targeting of Tumor Endothelium by RGD-Grafted PLGA-Nanoparticles. <i>Methods in Enzymology</i> , 2012, 508, 157-175.	1.0	46
119	Phase II study of everolimus in patients with locally advanced or metastatic transitional cell carcinoma of the urothelial tract: clinical activity, molecular response, and biomarkers. <i>Annals of Oncology</i> , 2012, 23, 2663-2670.	1.2	114
120	Galectin-1 in Melanoma Biology and Related Neo-Angiogenesis Processes. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2245-2254.	0.7	64
121	Arsenic Trioxide Treatment Decreases the Oxygen Consumption Rate of Tumor Cells and Radiosensitizes Solid Tumors. <i>Cancer Research</i> , 2012, 72, 482-490.	0.9	116
122	Regulation of Monocarboxylate Transporter MCT1 Expression by p53 Mediates Inward and Outward Lactate Fluxes in Tumors. <i>Cancer Research</i> , 2012, 72, 939-948.	0.9	172
123	Lactate-Induced IL-8 Pathway in Endothelial Cells Response: Figure 1.. <i>Cancer Research</i> , 2012, 72, 1903-1904.	0.9	6
124	Joint econometric modeling of spot electricity prices, forwards and options. <i>Review of Derivatives Research</i> , 2012, 15, 217-256.	0.8	7
125	Tumor reoxygenation following administration of Mitogen-Activated Protein Kinase inhibitors: A rationale for combination with radiation therapy. <i>Radiotherapy and Oncology</i> , 2012, 105, 64-71.	0.6	17
126	Antibody-functionalized polymer-coated gold nanoparticles targeting cancer cells: an in vitro and in vivo study. <i>Journal of Materials Chemistry</i> , 2012, 22, 21305.	6.7	51



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127	Diaryl ureaLDV peptidomimetics as $\alpha_4\beta_1$ integrin antagonists: synthesis, adhesion inhibition and toxicity evaluation on CCRF-CEM cell line. <i>MedChemComm</i> , 2012, 3, 199-212.	3.4	4
128	Lactate stimulates angiogenesis and accelerates the healing of superficial and ischemic wounds in mice. <i>Angiogenesis</i> , 2012, 15, 581-592.	7.2	183
129	Gut microbiota-derived propionate reduces cancer cell proliferation in the liver. <i>British Journal of Cancer</i> , 2012, 107, 1337-1344.	6.4	238
130	Lactate Activates HIF-1 in Oxidative but Not in Warburg-Phenotype Human Tumor Cells. <i>PLoS ONE</i> , 2012, 7, e46571.	2.5	204
131	The association of N-palmitoylethanolamine with the FAAH inhibitor URB597 impairs melanoma growth through a supra-additive action. <i>BMC Cancer</i> , 2012, 12, 92.	2.6	61
132	Comparison of the clonogenic survival of A549 non-small cell lung adenocarcinoma cells after irradiation with low-dose-rate beta particles and high-dose-rate X-rays. <i>International Journal of Radiation Biology</i> , 2012, 88, 253-257.	1.8	7
133	Vascular Hypoxic Preconditioning Relies on TRPV4-Dependent Calcium Influx and Proper Intercellular Gap Junctions Communication. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2241-2249.	2.4	49
134	Electron paramagnetic resonance as a sensitive tool to assess the iron oxide content in cells for MRI cell labeling studies. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 302-307.	0.8	18
135	LDV peptidomimetics equipped with biotinylated spacer-arms: Synthesis and biological evaluation on CCRF-CEM cell line. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 586-590.	2.2	7
136	Multimodal assessment of early tumor response to chemotherapy: comparison between diffusion-weighted MRI, $^1\text{H}$ MR spectroscopy of choline and USPIO particles targeted at cell death. <i>NMR in Biomedicine</i> , 2012, 25, 514-522.	2.8	17
137	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e33418.	2.5	412
138	One Pot Synthesis and In Vitro Antitumor Activity of some Bipyrazolic Tripodal Derivatives. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 305-309.	0.7	8
139	Delivery of Soluble VEGF Receptor 1 (sFlt1) by Gene Electrotransfer as a New Antiangiogenic Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 701-708.	4.6	21
140	Antitumoral and antimetastatic effect of antiangiogenic plasmids in B16 melanoma: Higher efficiency of the recombinant disintegrin domain of ADAM 15. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 78, 314-319.	4.3	25
141	Carbon nanoparticles synthesized by sputtering and gas condensation inside a nanocluster source of fixed dimension. <i>Surface and Coatings Technology</i> , 2011, 205, S577-S581.	4.8	20
142	Chemical reactivity of plasma polymerized allylamine (PPAA) thin films on Au and Si: Study of the thickness influence and aging of the films. <i>Surface and Coatings Technology</i> , 2011, 205, S462-S465.	4.8	14
143	3D systems delivering VEGF to promote angiogenesis for tissue engineering. <i>Journal of Controlled Release</i> , 2011, 150, 272-278.	9.9	128
144	Assessment of melanoma extent and melanoma metastases invasion using electron paramagnetic resonance and bioluminescence imaging. <i>Contrast Media and Molecular Imaging</i> , 2011, 6, 282-288.	0.8	14

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145	Surface properties and cell adhesion onto allylamine-plasma and amine-plasma coated glass coverslips. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 671-682.	3.6	24
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