

Chiara Marraccini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	370 citations	11 h-index	18 g-index
40 ext. papers	452 ext. citations	4.9 avg, IF	2.56 L-index

#	Paper	IF	Citations
32	Intracellular magnesium detection: imaging a brighter future. <i>Analyst, The</i> , 2010 , 135, 1855-66	5	68
31	Inside the biochemical pathways of thymidylate synthase perturbed by anticancer drugs: Novel strategies to overcome cancer chemoresistance. <i>Drug Resistance Updates</i> , 2015 , 23, 20-54	23.2	38
30	Synthesis of a highly Mg-selective fluorescent probe and its application to quantifying and imaging total intracellular magnesium. <i>Nature Protocols</i> , 2017 , 12, 461-471	18.8	33
29	Quantitative chemical imaging of the intracellular spatial distribution of fundamental elements and light metals in single cells. <i>Analytical Chemistry</i> , 2014 , 86, 5108-15	7.8	26
28	A novel fluorescent chemosensor allows the assessment of intracellular total magnesium in small samples. <i>Analyst, The</i> , 2014 , 139, 1201-7	5	23
27	Diaza-18-crown-6 hydroxyquinoline derivatives as flexible tools for the assessment and imaging of total intracellular magnesium. <i>Chemical Science</i> , 2012 , 3, 727-734	9.4	23
26	Microwave assisted synthesis of a small library of substituted N,N-bis((8-hydroxy-7-quinoliny)methyl)-1,10-diaza-18-crown-6 ethers. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6275-8	4.2	19
25	Optimization of peptides that target human thymidylate synthase to inhibit ovarian cancer cell growth. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 1355-67	8.3	17
24	Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 346-54	6	14
23	Intracellular concentration map of magnesium in whole cells by combined use of X-ray fluorescence microscopy and atomic force microscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011 , 66, 834-840	3.1	14
22	Effects of supplementation with different Mg salts in cells: is there a clue?. <i>Magnesium Research</i> , 2014 , 27, 25-34	1.7	12
21	Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. <i>Journal of Proteome Research</i> , 2014 , 13, 5250-61	5.6	11
20	Intracellular magnesium content decreases during mitochondria-mediated apoptosis induced by a new indole-derivative in human colon cancer cells. <i>Magnesium Research</i> , 2012 , 25, 104-11	1.7	10
19	Internalization and stability of a thymidylate synthase Peptide inhibitor in ovarian cancer cells. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 10551-6	8.3	9
18	X-ray fluorescence microscopy of light elements in cells: self-absorption correction by integration of compositional and morphological measurements. <i>Journal of Physics: Conference Series</i> , 2013 , 463, 012022	0.3	9
17	Expanding the targets of the diaza-18-crown-6 hydroxyquinoline derivatives family to Zn(II) ions for intracellular sensing. <i>Supramolecular Chemistry</i> , 2013 , 25, 7-15	1.8	7
16	Proteomic and Bioinformatic Studies for the Characterization of Response to Pemetrexed in Platinum Drug Resistant Ovarian Cancer. <i>Frontiers in Pharmacology</i> , 2018 , 9, 454	5.6	6

15	Conformational Propensity and Biological Studies of Proline Mutated LR Peptides Inhibiting Human Thymidylate Synthase and Ovarian Cancer Cell Growth. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 7374-7380	8.3	5
14	Red blood cells metabolome changes upon treatment with different X-ray irradiation doses. <i>Annals of Hematology</i> , 2018 , 97, 1909-1917	3	5
13	Folic Acid-Peptide Conjugates Combine Selective Cancer Cell Internalization with Thymidylate Synthase Dimer Interface Targeting. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 3204-3221	8.3	4
12	Heparin-induced lipoprotein precipitation apheresis in dyslipidemic patients: A multiparametric assessment. <i>Journal of Clinical Apheresis</i> , 2020 , 35, 146-153	3.2	3
11	Patient Blood Management: transfusion appropriateness in the post-operative period. <i>Blood Transfusion</i> , 2019 , 17, 459-464	3.6	3
10	Intracellular magnesium content changes during mitochondria-mediated apoptosis: in depth study of early events on mitochondrial membrane potential. <i>Journal of Biological Research (Italy)</i> , 2014 , 87,	3	2
9	Safety of leucodepleted salvaged blood in oncological surgery: an in vitro model. <i>Vox Sanguinis</i> , 2017 , 112, 803-805	3.1	1
8	Quantitative assessment of the anticoagulant in plasma units collected by plasmapheresis. <i>Transfusion</i> , 2019 , 59, 2113-2120	2.9	1
7	The effect of donor's characteristics on plasmapheresis products: insights for a personalised approach. <i>Blood Transfusion</i> , 2020 , 18, 170-175	3.6	1
6	The impact of COVID-19 outbreak on the Transfusion Medicine Unit of a Northern Italy Hospital and Cancer Centre. <i>Vox Sanguinis</i> , 2021 ,	3.1	1
5	Metabolomics comparison of cord and peripheral blood-derived serum eye drops for the treatment of dry eye disease. <i>Transfusion and Apheresis Science</i> , 2021 , 60, 103155	2.4	1
4	Mapping fundamental life elements in papillary thyroid carcinoma tissue. <i>Journal of Instrumentation</i> , 2018 , 13, C05018-C05018	1	0
3	Postoperative patient blood management: transfusion appropriateness in cancer patients. <i>Blood Transfusion</i> , 2020 , 18, 359-365	3.6	
2	Patient blood management program in oncological surgery: A multicenter prospective study.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e18793-e18793	2.2	
1	Optimising plasmapheresis procedure: The role of plasma unit weight setting. <i>Transfusion and Apheresis Science</i> , 2021 , 60, 102963	2.4	