Chiara Marraccini

List of Publications by Year in Descending Order

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	Folic Acid-Peptide Conjugates Combine Selective Cancer Cell Internalization with Thymidylate Synthase Dimer Interface Targeting. *Journal of Medicinal Chemistry*, **2021**, 64, 3204-3221	8.3	4
31	The impact of COVID-19 outbreak on the Transfusion Medicine Unit of a Northern Italy Hospital and Cancer Centre. *Vox Sanguinis*, **2021**,	3.1	1
30	Optimising plasmapheresis procedure: The role of plasma unit weight setting. *Transfusion and Apheresis Science*, **2021**, 60, 102963	2.4	
29	Metabolomics comparison of cord and peripheral blood-derived serum eye drops for the treatment of dry eye disease. *Transfusion and Apheresis Science*, **2021**, 60, 103155	2.4	1
28	Heparin-induced lipoprotein precipitation apheresis in dyslipidemic patients: A multiparametric assessment. *Journal of Clinical Apheresis*, **2020**, 35, 146-153	3.2	3
27	The effect of donor's characteristics on plasmapheresis products: insights for a personalised approach. *Blood Transfusion*, **2020**, 18, 170-175	3.6	1
26	Postoperative patient blood management: transfusion appropriateness in cancer patients. *Blood Transfusion*, **2020**, 18, 359-365	3.6	
25	Quantitative assessment of the anticoagulant in plasma units collected by plasmapheresis. *Transfusion*, **2019**, 59, 2113-2120	2.9	1
24	Patient Blood Management: transfusion appropriateness in the post-operative period. *Blood Transfusion*, **2019**, 17, 459-464	3.6	3
23	Proteomic and Bioinformatic Studies for the Characterization of Response to Pemetrexed in Platinum Drug Resistant Ovarian Cancer. *Frontiers in Pharmacology*, **2018**, 9, 454	5.6	6
22	Conformational Propensity and Biological Studies of Proline Mutated LR Peptides Inhibiting Human Thymidylate Synthase and Ovarian Cancer Cell Growth. *Journal of Medicinal Chemistry*, **2018**, 61, 7374-7380	8.3	5
21	Mapping fundamental life elements in papillary thyroid carcinoma tissue. *Journal of Instrumentation*, **2018**, 13, C05018-C05018	1	0
20	Red blood cells metabolome changes upon treatment with different X-ray irradiation doses. *Annals of Hematology*, **2018**, 97, 1909-1917	3	5
19	Patient blood management program in oncological surgery: A multicenter prospective study.. *Journal of Clinical Oncology*, **2018**, 36, e18793-e18793	2.2	
18	Synthesis of a highly Mg-selective fluorescent probe and its application to quantifying and imaging total intracellular magnesium. *Nature Protocols*, **2017**, 12, 461-471	18.8	33
17	Safety of leucodepleted salvaged blood in oncological surgery: an in vitro model. *Vox Sanguinis*, **2017**, 112, 803-805	3.1	1
16	Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. *Colloids and Surfaces B: Biointerfaces*, **2015**, 136, 346-54	6	14

15	Inside the biochemical pathways of thymidylate synthase perturbed by anticancer drugs: Novel strategies to overcome cancer chemoresistance. *Drug Resistance Updates*, **2015**, 23, 20-54	23.2	38
14	Internalization and stability of a thymidylate synthase Peptide inhibitor in ovarian cancer cells. *Journal of Medicinal Chemistry*, **2014**, 57, 10551-6	8.3	9
13	A novel fluorescent chemosensor allows the assessment of intracellular total magnesium in small samples. *Analyst, The*, **2014**, 139, 1201-7	5	23
12	Optimization of peptides that target human thymidylate synthase to inhibit ovarian cancer cell growth. *Journal of Medicinal Chemistry*, **2014**, 57, 1355-67	8.3	17
11	Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. *Journal of Proteome Research*, **2014**, 13, 5250-61	5.6	11
10	Quantitative chemical imaging of the intracellular spatial distribution of fundamental elements and light metals in single cells. *Analytical Chemistry*, **2014**, 86, 5108-15	7.8	26
9	Effects of supplementation with different Mg salts in cells: is there a clue?. *Magnesium Research*, **2014**, 27, 25-34	1.7	12
8	Intracellular magnesium content changes during mitochondria-mediated apoptosis: in depth study of early events on mitochondrial membrane potential. *Journal of Biological Research (Italy)*, **2014**, 87,	3	2
7	Expanding the targets of the diaza-18-crown-6 hydroxyquinoline derivatives family to Zn(II) ions for intracellular sensing. *Supramolecular Chemistry*, **2013**, 25, 7-15	1.8	7
6	X-ray fluorescence microscopy of light elements in cells: self-absorption correction by integration of compositional and morphological measurements. *Journal of Physics: Conference Series*, **2013**, 463, 012022	0.3	9
5	Diaza-18-crown-6 hydroxyquinoline derivatives as flexible tools for the assessment and imaging of total intracellular magnesium. *Chemical Science*, **2012**, 3, 727-734	9.4	23
4	Intracellular magnesium content decreases during mitochondria-mediated apoptosis induced by a new indole-derivative in human colon cancer cells. *Magnesium Research*, **2012**, 25, 104-11	1.7	10
3	Intracellular concentration map of magnesium in whole cells by combined use of X-ray fluorescence microscopy and atomic force microscopy. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2011**, 66, 834-840	3.1	14
2	Intracellular magnesium detection: imaging a brighter future. *Analyst, The*, **2010**, 135, 1855-66	5	68
1	Microwave assisted synthesis of a small library of substituted N,N'-bis((8-hydroxy-7-quinolinyl)methyl)-1,10-diaza-18-crown-6 ethers. *Journal of Organic Chemistry*, **2010**, 75, 6275-8	4.2	19