

Simona Sabbatini

List of Publications by Year in descending order

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32
papers

1,036
citations

361413

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docs citations

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times ranked

1141
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Component Biginelli Cyclocondensation Reaction Using C-Glycosylated Substrates. Preparation of a Collection of Dihydropyrimidinone Glycoconjugates and the Synthesis of C-Glycosylated Monastrol Analogues. <i>Journal of Organic Chemistry</i> , 2002, 67, 6979-6994.	3.2	116
2	Model Studies toward the Synthesis of Dihydropyrimidinyl and Pyridyl β -Amino Acids via Three-Component Biginelli and Hantzsch Cyclocondensations. <i>Journal of Organic Chemistry</i> , 2003, 68, 6172-6183.	3.2	113
3	Improved synthesis and preparative scale resolution of racemic monastrol. <i>Tetrahedron Letters</i> , 2002, 43, 5913-5916.	1.4	79
4	Effects of <i>Lactobacillus rhamnosus</i> on zebrafish oocyte maturation: an FTIR imaging and biochemical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 3063-3072.	3.7	60
5	Microimaging FT-IR spectroscopy on pathological breast tissues. <i>Vibrational Spectroscopy</i> , 2009, 51, 270-275.	2.2	55
6	Rearing Zebrafish on Black Soldier Fly (<i>Hermetia illucens</i>): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. <i>Zebrafish</i> , 2018, 15, 404-419.	1.1	53
7	Infrared spectroscopy as a new tool for studying single living cells: Is there a niche?. <i>Biomedical Spectroscopy and Imaging</i> , 2017, 6, 85-99.	1.2	48
8	Multiple Component Approaches to C-Glycosyl β -Amino Acids by Complementary One-Pot Mannich-Type and Reformatsky-Type Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 7110-7125.	3.3	44
9	Transformation of industrial and organic waste into titanium doped activated carbon "cellulose nanocomposite for rapid removal of organic pollutants. <i>Journal of Hazardous Materials</i> , 2022, 423, 126958.	12.4	40
10	Investigation of human pancreatic cancer tissues by Fourier Transform Infrared Hyperspectral Imaging. <i>Journal of Biophotonics</i> , 2020, 13, e201960071.	2.3	39
11	Electrospun Nanostructured Fibers of Collagen-Biomimetic Apatite on Titanium Alloy. <i>Bioinorganic Chemistry and Applications</i> , 2012, 2012, 1-8.	4.1	36
12	Towards the synthesis of C-glycosylated dihydropyrimidine libraries via the three-component Biginelli reaction. A novel approach to artificial nucleosides. <i>Tetrahedron Letters</i> , 2001, 42, 4495-4497.	1.4	34
13	In vitro FTIR microspectroscopy analysis of primary oral squamous carcinoma cells treated with cisplatin and 5-fluorouracil: a new spectroscopic approach for studying the drug-cell interaction. <i>The Analyst</i> , 2018, 143, 3317-3326.	3.5	32
14	Microimaging FTIR of head and neck tumors. IV. <i>Microscopy Research and Technique</i> , 2009, 72, 67-75.	2.2	28
15	FTIR microspectroscopy of melanocytic skin lesions: a preliminary study. <i>The Analyst</i> , 2010, 135, 3213.	3.5	28
16	FT-IR Microspectroscopy on molecular building of Zebrafish oocytes. <i>Journal of Molecular Structure</i> , 2009, 938, 207-213.	3.6	26
17	Vibrational mapping of sinonasal lesions by Fourier transform infrared imaging spectroscopy. <i>Journal of Biomedical Optics</i> , 2015, 20, 125003.	2.6	26
18	Three-Component Staudinger-Type Stereoselective Synthesis of C-Glycosyl- β -lactams and their Use as Precursors for C-Glycosyl Isoleucines and Dipeptides. A Polymer-Assisted Solution-Phase Approach. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1355-1360.	4.3	24

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19	A new approach to evaluate aging effects on human oocytes: Fourier transform infrared imaging spectroscopy study. <i>Fertility and Sterility</i> , 2014, 101, 120-127.	1.0	22
20	Synthesis of C-glycosyl β -amino acids by asymmetric Mannich-type three-component reactions. <i>Tetrahedron Letters</i> , 2004, 45, 2381-2384.	1.4	20
21	FT-IR microscopic analysis on human dental pulp stem cells. <i>Vibrational Spectroscopy</i> , 2011, 57, 30-30.	2.2	20
22	Infrared microspectroscopy of Oral Squamous Cell Carcinoma: Spectral signatures of cancer grading. <i>Vibrational Spectroscopy</i> , 2013, 68, 196-203.	2.2	18
23	FTIR microspectroscopic characterization of Spitz nevi. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 141, 99-103.	3.9	18
24	Cytotoxic Effects of 5-Azacytidine on Primary Tumour Cells and Cancer Stem Cells from Oral Squamous Cell Carcinoma: An In Vitro FTIRM Analysis. <i>Cells</i> , 2021, 10, 2127.	4.1	18
25	The role of melatonin on zebrafish follicle development: An FT-IR imaging approach. <i>Vibrational Spectroscopy</i> , 2012, 62, 279-285.	2.2	14
26	Insights on diagnosis of oral cavity pathologies by infrared spectroscopy: A review. <i>Journal of Molecular Structure</i> , 2013, 1051, 226-232.	3.6	14
27	How Can Different Polishing Timing Influence Methacrylate and Dimethacrylate Bulk Fill Composites? Evaluation of Chemical and Physical Properties. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	8
28	Microimaging FT-IR of head and neck tumors. V. Odontogenic cystic lesions. <i>Vibrational Spectroscopy</i> , 2011, , .	2.2	2
29	Micro-FTIR imaging spectroscopy of calcified atheromatous carotid plaques. Part IV. <i>Journal of Molecular Structure</i> , 2009, 922, 58-63.	3.6	1
30	Three-Component Biginelli Cyclocondensation Reaction Using C-Glycosylated Substrates. Preparation of a Collection of Dihydropyrimidinone Glycoconjugates and the Synthesis of C-Glycosylated Monastrol Analogues.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
31	Improved Synthesis and Preparative Scale Resolution of Racemic Monastrol.. <i>ChemInform</i> , 2002, 33, 131-131.	0.0	0
32	50 Years of Chemistry in the Engineering Faculty: From Free Radicals to Nanosystems. , 2019, , 195-206.		0