

# ELENA DREASSI

## List of Publications by Year in descending order

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45  
papers

1,173  
citations

331670

21  
h-index

395702

33  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of tomato lipophilic extracts and interactions between carotenoids and $\alpha$ -tocopherol in synthetic mixtures. <i>LWT - Food Science and Technology</i> , 2010, 43, 67-72.	5.2	99
2	Dietary fatty acids influence the growth and fatty acid composition of the yellow mealworm <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Lipids</i> , 2017, 52, 285-294.	1.7	95
3	Design, Synthesis, Biological Activity, and ADME Properties of Pyrazolo[3,4- <i>d</i> ]pyrimidines Active in Hypoxic Human Leukemia Cells: A Lead Optimization Study. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2610-2626.	6.4	75
4	Experimental design in the development of voltammetric method for the assay of omeprazole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 14, 881-889.	2.8	63
5	Application of near-infrared reflectance spectrometry to the analytical control of pharmaceuticals: ranitidine hydrochloride tablet production. <i>Analyst, The</i> , 1996, 121, 219.	3.5	52
6	Designing experiments to optimise and validate the adsorptive stripping voltammetric determination of nimesulide. <i>Analytica Chimica Acta</i> , 2000, 413, 229-239.	5.4	52
7	Identification of potent c-Src inhibitors strongly affecting the proliferation of human neuroblastoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5928-5933.	2.2	48
8	Near infrared transmittance analysis for the assay of solid pharmaceutical dosage forms. <i>Analyst, The</i> , 1999, 124, 755-758.	3.5	42
9	Quantitative Fourier transform near-infrared spectroscopy in the quality control of solid pharmaceutical formulations. <i>Analyst, The</i> , 1995, 120, 2361.	3.5	40
10	A New Strategy for Glioblastoma Treatment: In Vitro and In Vivo Preclinical Characterization of Si306, a Pyrazolo[3,4- <i>d</i> ]Pyrimidine Dual Src/P-Glycoprotein Inhibitor. <i>Cancers</i> , 2019, 11, 848.	3.7	38
11	Near-infrared reflectance spectrometry in the determination of the physical state of primary materials in pharmaceutical production. <i>Analyst, The</i> , 1995, 120, 1005.	3.5	37
12	2-Hydroxypropyl- $\beta$ -cyclodextrin strongly improves water solubility and anti-proliferative activity of pyrazolo[3,4- <i>d</i> ]pyrimidines Src-Abl dual inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5958-5964.	5.5	36
13	Application of near-infrared reflectance analysis to the integrated control of antibiotic tablet production. <i>Analyst, The</i> , 1995, 120, 319.	3.5	33
14	High Performance Thin Layer Chromatographic Quantitative Analysis of Picrocrocin and Crocetin, Active Principles of Saffron ( <i>Crocus sativus</i> L. Iridaceae): A New Method. <i>Phytochemical Analysis</i> , 1996, 7, 201-203.	2.4	31
15	High-performance liquid chromatographic assay of erythromycin from biological matrix using electrochemical or ultraviolet detection. <i>Analyst, The</i> , 2000, 125, 1077-1081.	3.5	31
16	Analysis of guazatine mixture by LC and LC-MS and antimycotic activity determination of principal components. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1499-1506.	2.8	29
17	Prodrugs of Pyrazolo[3,4- <i>d</i> ]pyrimidines: From Library Synthesis to Evaluation as Potential Anticancer Agents in an Orthotopic Glioblastoma Model. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6305-6320.	6.4	28
18	Nuclear relaxation studies in ligand-macromolecule affinity index determinations. <i>Chemical Physics Letters</i> , 1997, 264, 205-209.	2.6	27

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19	Drug analysis by near-infra-red reflectance spectroscopy. Determination of the active ingredient and water content in antibiotic powders. Journal of Pharmaceutical and Biomedical Analysis, 1989, 7, 303-308.	2.8	26
20	Design and optimization of the variables in the adsorptive stripping voltammetric determination of rifloxacin in tablets, human plasma and urine. Journal of Pharmaceutical and Biomedical Analysis, 1995, 13, 431-438.	2.8	25
21	Inhibition of <i>p</i> -Hydroxyphenylpyruvate Dioxygenase by Analogues of the Herbicide Nitisinone As a Strategy to Decrease Homogentisic Acid Levels, the Causative Agent of Alkaptonuria. ChemMedChem, 2016, 11, 674-678.	3.2	22
22	Lc/Esi/Ms/Ms determination of postharvest fungicide residues in citrus juices. LWT - Food Science and Technology, 2010, 43, 1301-1306.	5.2	21
23	Transfer of calibration in near-infrared reflectance spectrometry. Analyst, The, 1998, 123, 1259-1264.	3.5	20
24	Determination of Levamisole in Animal Tissues Using Liquid Chromatography with Ultraviolet Detection. Journal of Agricultural and Food Chemistry, 2001, 49, 5702-5705.	5.2	20
25	Exploring the Implication of DDX3X in DENV Infection: Discovery of the First-in-Class DDX3X Fluorescent Inhibitor. ACS Medicinal Chemistry Letters, 2020, 11, 956-962.	2.8	19
26	Application of Near-infrared Reflectance Spectrometry in the Study of AtopyPart 1. Investigation of Skin Spectra. Analyst, The, 1997, 122, 767-770.	3.5	18
27	Determination of permeability and lipophilicity of pyrazolo-pyrimidine tyrosine kinase inhibitors and correlation with biological data. European Journal of Medicinal Chemistry, 2009, 44, 3712-3717.	5.5	16
28	Polarographic determination of total pyrethroid residues in stored cereals. Analyst, The, 1993, 118, 183.	3.5	14
29	Potent and Selective Carboxylic Acid Inhibitors of Tumor-Associated Carbonic Anhydrases IX and XII. Molecules, 2018, 23, 17.	3.8	14
30	LC/ESI/MS Method for the Quantitative Detection of Guazatine Residues in Cereals. Journal of Agricultural and Food Chemistry, 2007, 55, 6850-6856.	5.2	12
31	AuNP Pyrazolo[3,4- <i>d</i> ]pyrimidine Nanosystem in Combination with Radiotherapy against Glioblastoma. ACS Medicinal Chemistry Letters, 2020, 11, 664-670.	2.8	11
32	Near-infrared Reflectance Spectrometry in the Studyof AtopyPart 2. Interactions Between the Skin and Polyethylene Glycol 400, Isopropyl Myristate and Hydrogel. Analyst, The, 1997, 122, 771-776.	3.5	10
33	Synthesis and Biological Evaluation of Guanidino Compounds Endowed with Subnanomolar Affinity as Competitive Inhibitors of Maize Polyamine Oxidase. Journal of Medicinal Chemistry, 2009, 52, 4774-4785.	6.4	9
34	Multitarget CFTR Modulators Endowed with Multiple Beneficial Side Effects for Cystic Fibrosis Patients: Toward a Simplified Therapeutic Approach. Journal of Medicinal Chemistry, 2019, 62, 10833-10847.	6.4	9
35	Thin-layer chromatography and densitometry in drug assay: Comparison of methods for monitoring valproic acid in plasma. Journal of Pharmaceutical and Biomedical Analysis, 1990, 8, 431-436.	2.8	8
36	In vitro studies of simulated percutaneous absorption: Influence of various enhancers in the release of clonazepam from 2-hydroxyethyl acetate patches. Pharmaceutica Acta Helvetiae, 1998, 72, 263-269.	1.2	6

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37	The Pyrazolo[3,4-d]Pyrimidine Derivative Si306 Encapsulated into Anti-GD2-Immunoliposomes as Therapeutic Treatment of Neuroblastoma. <i>Biomedicines</i> , 2022, 10, 659.	3.2	6
38	Near infrared reflectance spectroscopy in the study of atopy Part 3. Interactions between the skin and fomblins. <i>Analyst, The</i> , 1998, 123, 2313-2317.	3.5	5
39	Antibacterial alkylguanidino ureas: Molecular simplification approach, searching for membrane-based MoA. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114158.	5.5	5
40	Focused library of phenyl-fused macrocyclic amidinoureas as antifungal agents. <i>Molecular Diversity</i> , 2022, , 1.	3.9	5
41	Assessing the Efficiency of Molecular Markers for the Species Identification of Gregarines Isolated from the Mealworm and Super Worm Midgut. <i>Microorganisms</i> , 2018, 6, 119.	3.6	4
42	Plasmin-Binding Tripeptide-Decorated Liposomes Loading Pyrazolo[3,4- <i>d</i> ]pyrimidines for Targeting Hepatocellular Carcinoma. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 646-651.	2.8	4
43	EFFECT OF DRUG RESIDUES ON RENNET COAGULATION OF MILK. <i>Journal of Food Quality</i> , 2007, 30, 81-90.	2.6	3
44	Polarographic Determination of Voriconazole in Pharmaceutical Formulations. <i>Current Analytical Chemistry</i> , 2009, 5, 238-243.	1.2	3
45	Determination of diisocyanate monomers in air by differential-pulse polarography. <i>Analyst, The</i> , 1991, 116, 731.	3.5	2