Sante Capasso

List of Publications by Year
in descending order

54 papers	1,200 citations	411340 20 h-index	445137 33 g-index
55 all docs	55 docs citations	55 times ranked	1383 citing authors

#	Article	IF	Citations
1	Macromolecular Structure of a Commercial Humic Acid Sample. Environments - MDPI, 2020, 7, 32.	1.5	7
2	Electrochemical Removal of Humic Acids from Water Using Aluminum Anode: Influence of Chloride Ion and Current Parameters. Journal of Chemistry, 2019, 2019, 1-6.	0.9	7
3	Comments on â€œRe-evaluation of the century-old Langmuir isotherm for modeling adsorption phenomena in solutionâ€• Chemical Physics, 2019, 517, 270-271.	0.9	5
4	Sorption of benzene derivatives onto a humic acid-zeolitic tuff adduct. Environmental Science and Pollution Research, 2018, 25, 26831-26836.	2.7	1
5	Sorption of benzene derivatives onto insolubilized humic acids. Chemical Papers, 2018, 72, 929-935.	1.0	8
6	Sorption Equilibrium of Aromatic Pollutants onto Dissolved Humic Acids. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	7
7	Thermodynamics of Clay Minerals-Humic Acids Interaction. Advanced Science Letters, 2017, 23, 5859-5861.	0.2	2
8	Comparison of Organo-Zeolite Adduct and Zeolitic Tuff for Sorption of Toluene. Advanced Science Letters, 2017, 23, 5897-5899.	0.2	0
9	Sorption of non-ionic organic pollutants onto immobilized humic acid. Desalination and Water Treatment, 2015, 56, 55-62.	1.0	14
10	Experimental analysis of benzene derivative adsorption in single and binary systems using activated carbon. International Journal of Environment and Waste Management, 2015, 16, 336.	0.2	2
11	Modelling the biphasic sorption of simazine, imidacloprid, and boscalid in water/soil systems. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 578-590.	0.7	21
12	Remediation of Groundwater Polluted by Aromatic Compounds by Means of Adsorption. Sustainability, 2014, 6, 4807-4822.	1.6	29
13	Considerations about the correct evaluation of sorption thermodynamic parameters from equilibrium isotherms. Journal of Chemical Thermodynamics, 2014, 68, 310-316.	1.0	143
14	Contribution of vehicular traffic and industrial facilities to PM10 concentrations in a suburban area of Caserta (Italy). Environmental Science and Pollution Research, 2014, 21, 13169-13174.	2.7	5
15	Sorption of non-ionic organic pollutants onto a humic acids-zeolitic tuff adduct: Thermodynamic aspects. Chemosphere, 2014, 95, 75-80.	4.2	33
16	A Phenomenological Interpretation of Two-Step Adsorption Kinetics of Humic Acids on Zeolitic Tuff. Adsorption Science and Technology, 2013, 31, 373-384.	1.5	3
17	Use and Misuse of Sorption Kinetic Data: A Common Mistake That Should Be Avoided. Adsorption Science and Technology, 2012, 30, 217-225.	1.5	39
18	Comment on â€œRemoval of anionic dye Congo red from aqueous solution by raw pine and acid-treated pine cone powder as adsorbent: Equilibrium, thermodynamic, kinetics, mechanism and process designâ€• Water Research, 2012, 46, 4314-4315.	5.3	34

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19	Sorption of humic acids by a zeolite-feldspar-bearing tuff in batch and fixed-bed column. Journal of Porous Materials, 2012, 19, 449-453.	1.3	14
20	Atrazine adsorption by acid-activated zeolite-rich tuffs. Applied Clay Science, 2010, 49, 330-335.	2.6	87
21	Temporal and spatial distribution of BTEX pollutants in the atmosphere of metropolitan areas and neighbouring towns. Environmental Monitoring and Assessment, 2009, 150, 437-44.	1.3	32
22	Catalytic effect of dissolved humic acids on the chemical degradation of phenylurea herbicides. Pest Management Science, 2008, 64, 768-774.	1.7	7
23	Identification of stationary sources of air pollutants by concentration statistical analysis. Chemosphere, 2008, 73, 614-618.	4.2	13
24	Background Atmospheric Levels of Aldehydes, BTEX and PM10 Pollutants in a Mediumâ€Sized City of Southern Italy. Annali Di Chimica, 2007, 97, 597-604.	0.6	4
25	Sorption of humic acids on zeolitic tuffs. Microporous and Mesoporous Materials, 2007, 105, 324-328.	2.2	37
26	Contribution of air-proof doors and windows to asthma in Campania Plain (Italy). International Journal of Environmental Health Research, 2004, 14, 231-235.	1.3	0
27	Determination of the microscopic rate constants for the hydrolysis of diuron in soil/water mixture. Chemosphere, 2004, 55, 333-337.	4.2	13
28	Kinetics and mechanism of hydrolysis of phenylureas. Perkin Transactions II RSC, 2002, , 1889-1893.	1.1	32
29	Comment on â€œPhenylureas. Part 1. Mechanism of the basic hydrolysis of phenylureas and Part 2. Mechanism of the acid hydrolysis of phenylureasâ€• by R. Laudien and R. Mitzner, J. Chem. Soc., Perkin Trans. 2, 2001, 2226 and 2230. Perkin Transactions II RSC, 2002, , 848-848.	1.1	1
30	Kinetics of the chemical degradation of diuron. Chemosphere, 2002, 48, 69-73.	4.2	60
31	Effect of lysine residues on the deamidation reaction of asparagine side chains. Biopolymers, 2000, 53, 213-219.	1.2	15
32	Formation of an RNase A derivative containing an aminosuccinyl residue in place of asparagine 67. Biopolymers, 2000, 56, 14-19.	1.2	3
33	Solvent effects on diketopiperazine formation from N-terminal peptide residues. Journal of the Chemical Society Perkin Transactions II, 1999, , 329-332.	0.9	11
34	Activation of Diketopiperazine Formation by Alkylammonium Carboxylate Salts and Aprotic Dipolar Protophobic Solvents. Peptides, 1998, 19, 389-391.	1.2	5
35	Mechanism of 2,5-Dioxopiperazine Formation. Journal of the American Chemical Society, 1998, 120, 1990-1995.	6.6	46
36	Thermodynamic analysis of the effect of selective monodeamidation at asparagine 67 in ribonuclease A. Protein Science, 1997, 6, 1682-1693.	3.1	52

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37	Kinetics and mechanism of the cleavage of the peptide bond next to asparagine. Peptides, 1996, 17, 1075-1077.	1.2	23
38	Succinimide-mediated pathway for peptide bond cleavage: Kinetic study on an Asn-Sar containing peptide. , 1996, 40, 543-551.		9
39	Thermodynamic parameters of the reversible isomerization of aspartic residues via a succinimide derivative. Thermochimica Acta, 1996, 286, 41-50.	1.2	22
40	Cosolute effect on crystallization of two dinucleotide complexes of bovine seminal ribonuclease from concentrated salt solutions. Journal of Crystal Growth, 1996, 168, 192-197.	0.7	10
41	Folding of aminosuccinyl peptides: Thermodynamic data from temperature dependent circular dichroism measurements. Chirality, 1995, 7, 605-609.	1.3	9
42	Kinetics and mechanism of the reversible isomerization of aspartic acid residues in tetrapeptides. Journal of the Chemical Society Perkin Transactions II, 1995, , 437.	0.9	41
43	Acid catalysis in the formation of dioxopiperazines from peptides containing tetrahydroisoquinolineâ€3â€carboxylic acid at position 2. International Journal of Peptide and Protein Research, 1995, 45, 567-573.	0.1	21
44	Kinetics and mechanism of succinimide ring formation in the deamidation process of asparagine residues. Journal of the Chemical Society Perkin Transactions II, 1993, , 679.	0.9	72
45	First evidence of spontaneous deamidation of glutamine residue via cyclic imide to Î±- and Î³-glutamic residue under physiological conditions. Journal of the Chemical Society Chemical Communications, 1991, , 1667-1668.	2.0	30
46	Enzymatic methyl esterification of synthetic tripeptides: structural requirements of the peptide substrate. Detection of the reaction products by fast-atom-bombardment mass spectrometry. FEBS Journal, 1988, 177, 233-239.	0.2	17
47	Identification of aminosuccinyl residues in peptides by second-derivative ultraviolet spectrometry. Peptides, 1987, 8, 791-796.	1.2	8
48	Synthesis and properties ofL-cysteinyl-L-cysteine disulfides. Biopolymers, 1984, 23, 1085-1097.	1.2	6
49	Conformational properties of aminosuccinyl peptides.. International Journal of Peptide and Protein Research, 1984, 23, 248-255.	0.1	14
50	Refinement of the structure of bovine seminal ribonuclease. Biopolymers, 1983, 22, 327-332.	1.2	68
51	A study of the aerial oxidation of L-cysteinyl-L-cysteine: purification of the product and equilibrium relationship involving the monomeric and dimeric cyclic derivatives. Journal of the Chemical Society Perkin Transactions II, 1980, , 1297.	0.9	3
52	Conformational analysis of the cyclic disulfideL-cysteinyl-L-cysteine. Biopolymers, 1979, 18, 1555-1558.	1.2	10
53	Mitochondrial bovine aspartate aminotransferase. FEBS Letters, 1979, 101, 351-354.	1.3	19
54	Stereochemistry of model compounds for pyridoxal-catalysed reactions. Crystal structures of the hydrated complexes bis(pyridoxylidene-DL-valinato)nickel(II) and bis(pyridoxylidene-L-valinato)zinc(II). Journal of the Chemical Society Dalton Transactions, 1974, , 2228.	1.1	26