Rufina Zilberg

List of Publications by Year
in descending order

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22	233	840119 11	996533 15
papers	citations	h-index	g-index

22	22	22	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective voltammetric sensors based on composites of chitosan polyelectrolyte complexes with cyclodextrins for the recognition and determination of atenolol enantiomers. Analytical Methods, 2018, 10, 1886-1894.	1.3	25
2	Novel chiral voltammetric sensor for tryptophan enantiomers based on 3-neomenthylindene as recognition element. Journal of Electroanalytical Chemistry, 2021, 880, 114939.	1.9	24
3	A Voltammetric Sensory System for Recognition of Propranolol Enantiomers Based on Glassy Carbon Electrodes Modified by Polyarylenephthalide Composites of Melamine and Cyanuric Acid. Electroanalysis, 2018, 30, 619-625.	1.5	18
4	Chiral voltammetric sensor for warfarin enantiomers based on carbon black paste electrode modified by 3,4,9,10-perylenetetracarboxylic acid. Journal of Electroanalytical Chemistry, 2020, 861, 113986.	1.9	18
5	Enantioselective Voltammetric Sensors: New Solutions. Journal of Analytical Chemistry, 2018, 73, 1-9.	0.4	17
6	A Chiral Voltammetric Sensor Based on a Paste Electrode Modified by Cyanuric Acid for the Recognition and Determination of Tyrosine Enantiomers. Journal of Analytical Chemistry, 2020, 75, 101-110.	0.4	17
7	Enantioselective Voltammetric Sensors on the Basis of Chiral Materials. Journal of Analytical Chemistry, 2020, 75, 1514-1526.	0.4	17
8	Voltammetric identification of antiarrhythmic medicines using principal component analysis. Journal of Analytical Chemistry, 2015, 70, 1261-1266.	0.4	14
9	An enantioselective voltammetric sensor for the recognition of propranolol stereoisomers. Journal of Analytical Chemistry, 2017, 72, 575-581.	0.4	14
10	Voltammetric identification of insulin and its analogues using glassy carbon electrodes modified with polyarylenephthalides. Journal of Analytical Chemistry, 2017, 72, 402-409.	0.4	14
11	An Enantioselective Voltammetric Sensor System Based on Glassy Carbon Electrodes Modified by Polyarylenephthalide Composites with Î±-, Î²-, and Î³-Cyclodextrins for Recognizing D- and L-Tryptophans. Journal of Analytical Chemistry, 2019, 74, 1245-1255.	0.4	13
12	Voltammetric determination of bisoprolol on a glassy carbon electrode modified by poly(arylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.4	11
13	Voltammetric Sensors and Sensor System Based on Gold Electrodes Modified with Polyarylenephthalides for Cysteine Recognition. Russian Journal of Electrochemistry, 2020, 56, 544-555.	0.3	6
14	A Voltammetric Sensor Based on a 3,4,9,10-Perylenetetracarboxylic Acid Composite for the Recognition and Determination of Tyrosine Enantiomers. Journal of Analytical Chemistry, 2020, 75, 1537-1545.	0.4	6
15	Voltammetric identification of multicomponent solutions using principal components analysis. Journal of Analytical Chemistry, 2008, 63, 975-981.	0.4	4
16	A Sensor for the Recognition and Determination of Tryptophan Enantiomers Based on Carbon-Paste Electrode Modified by Enantiomorphic Crystals of Bromotriphenylmethane. Journal of Analytical Chemistry, 2021, 76, 1345-1354.	0.4	4
17	Enantioselective Voltammetric Sensors Based on Amino Acid Complexes of Cu(II), Co(III), and Zn(II). Journal of Analytical Chemistry, 2021, 76, 1438-1448.	0.4	4
18	Semi-empirical methods in RedOx potential calculations of substituted aromatic compounds: Parameterizations, solvation models, approximation by frontier molecular orbital energies. Electrochimica Acta, 2019, 294, 423-430.	2.6	3

#	Article	IF	Citations
19	Voltammetric sensor based on the copper (II) amino acid complex for the determination of tryptophan enantiomers. Analitika I Kontrol, 2021, 25, 193-204.	0.3	3
20	Voltammetric determination of propranolol enantiomers in the model solutions of pharmaceutical forms and biological fluids. Analitika I Kontrol, 2018, 22, 292-302.	0.3	1
21	Intramolecular photoinduced electron transfer of fluorescent probes based on 1,8-naphthalimide and aniline derivatives. , 2015, , .		0
22	Voltammetric multisensory system based on glassy carbon electrodes modified by polyarylenephthalides for the recognition and determination of warfarin. Analitika I Kontrol, 2019, 23, 546-556.	0.3	0