Mikhail K Beklemishev

List of Publications by Year
in descending order

38	261	1039406 9	1058022 14
papers	citations	h-index	g-index

38	38	38	223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of NIR Fluorimetry with photographic data acquisition in the fingerprinting method with the addition of fluorophores to the samples: discrimination of apple juices. Analitika I Kontrol, 2022, 26, 21-30.	0.3	0
2	Carbocyanine-Based Fluorescent and Colorimetric Sensor Array for the Discrimination of Medicinal Compounds. Chemosensors, 2022, 10, 88.	1.8	6
3	Aggregation-based fluorescence amplification strategy: â€œturn-onâ€•sensing of aminoglycosides using near-IR carbocyanine dyes and pre-micellar surfactants. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119109.	2.0	12
4	Chlorophyll-Based Self-Assembled Nanostructures for Fluorescent Sensing of Aminoglycoside Antibiotics. ACS Sustainable Chemistry and Engineering, 2021, 9, 3408-3415.	3.2	11
5	Non-covalent binding and selective fluorescent sensing of dipyrone with a carbocyanine dye and cetyltrimethylammonium bromide. Methods and Applications in Fluorescence, 2021, 9, 015001.	1.1	0
6	Imaging-Guided Delivery of a Hydrophilic Drug to Eukaryotic Cells Based on Its Hydrophobic Ion Pairing with Poly(hexamethylene guanidine) in a Maleated Chitosan Carrier. Molecules, 2021, 26, 7426.	1.7	3
7	Recognition and Determination of Sulfonamides by Near-IR Fluorimetry Using Their Effect on the Rate of the Catalytic Oxidation of a Carbocyanine Dye by Hydrogen Peroxide. Journal of Analytical Chemistry, 2021, 76, 1399-1407.	0.4	8
8	Evaluation of Discrimination Performance in Case for Multiple Non-Discriminated Samples: Classification of Honeys by Fluorescent Fingerprinting. Sensors, 2020, 20, 5351.	2.1	2
9	Discrimination of whiskies using an â€œadd-a-fluorophoreâ€•fluorescent fingerprinting strategy. Microchemical Journal, 2019, 145, 397-405.	2.3	10
10	Recognition of Model Analyte Mixtures in the Presence of Blood Plasma Using a Mixture of Fluorophores (â€œFluorescent Tongueâ€). Journal of Analytical Chemistry, 2018, 73, 1195-1201.	0.4	4
11	Covalent binding and fluorimetric determination of dialdehydes using aminated silica nanoparticles and ethylenediamine fluorescein. Journal of Analytical Chemistry, 2017, 72, 977-985.	0.4	1
12	Discrimination of 2-3-component mixtures of organic analytes by a â€œfluorescent tongueâ€• A pilot study. Microchemical Journal, 2017, 135, 48-54.	2.3	9
13	Determination of ceftriaxone by the fluorescence quenching of quantum dots using binding with polyethyleneimine. Journal of Analytical Chemistry, 2016, 71, 519-526.	0.4	6
14	Selective Rayleigh light scattering determination of trace quercetin with silver nanoparticles. Journal of Luminescence, 2016, 179, 438-444.	1.5	16
15	Fluorescent determination of poly(hexamethylene guanidine) via the aggregates it forms with quantum dots and magnetic nanoparticles. Mikrochimica Acta, 2016, 183, 1079-1087.	2.5	9
16	Determination of amikacin by Rayleigh scattering method based on the covalent bonding of the analyte with a water soluble polymer. Moscow University Chemistry Bulletin, 2015, 70, 223-228.	0.2	0
17	Highly sensitive determination of poly(hexamethylene guanidine) by Rayleigh scattering using aggregation of silver nanoparticles. Mikrochimica Acta, 2015, 182, 965-973.	2.5	5
18	Molecularly imprinted inorganic supports in high-performance liquid chromatography and solid-phase extraction. Journal of Analytical Chemistry, 2015, 70, 277-286.	0.4	3

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19	Synthesis and investigation of isomeric mono- and dinitro derivatives of 3-methyl-4-(pyrazol-3-yl)furazan. Chemistry of Heterocyclic Compounds, 2015, 51, 545-552.	0.6	17
20	Molecular imprinting of penicillin V in polyelectrolyte layers deposited onto a track-etched membrane. Moscow University Chemistry Bulletin, 2014, 69, 20-24.	0.2	0
21	A Highly Permeable Membrane for Separation of Quercetin Obtained by Nickel(II) Ion-Mediated Molecular Imprinting. Separation Science and Technology, 2012, 47, 1715-1724.	1.3	10
22	Determination of glucose by a kinetic method on a thin-layer chromatogram using the oxidation of 3,3â€²,5,5â€²-tetramethylbenzidine with hydrogen peroxide. Journal of Analytical Chemistry, 2011, 66, 425-432.	0.4	7
23	Determination of benzoate by paper chromatography with visualization due to its inhibitory activity in the reaction of the photosensitized autooxidation of pyrogallol A. Journal of Analytical Chemistry, 2010, 65, 64-70.	0.4	7
24	Diffusion of aniline through a polyethylene terephthalate track-etched membrane. Journal of Membrane Science, 2009, 330, 145-155.	4.1	11
25	Kinetic methods for determining water-soluble polymers. Journal of Analytical Chemistry, 2008, 63, 693-699.	0.4	3
26	Radical polymerization as an indicator reaction for determination of organic compounds. Moscow University Chemistry Bulletin, 2007, 62, 335-342.	0.2	0
27	Periodate ion as an oxidant in indicator reactions with aromatic amines. Journal of Analytical Chemistry, 2006, 61, 1067-1073.	0.4	1
28	Bioremediation of Hydrocarbons in Contaminated Wood: A Proof-of-Concept Study. Engineering in Life Sciences, 2005, 5, 223-233.	2.0	4
29	A Catalytic Method for Determining Cadmium(II), Nickel(II), and Zinc(II) Inhibitor Metals. Journal of Analytical Chemistry, 2005, 60, 589-595.	0.4	1
30	Determination of nickel(II) by its influence on the oxidation of 3,3â€™,5,5â€™-tetramethylbenzidine with periodate. Mendeleev Communications, 2004, 14, 223-225.	0.6	1
31	Adsorptionâ€“Catalytic Test Methods. Journal of Analytical Chemistry, 2002, 57, 882-889.	0.4	3
32	Sorption-Catalytic Determination of Imazapyr on a Copper-Containing Sorbent. Mikrochimica Acta, 2001, 136, 35-41.	2.5	5
33	Sorption-catalytic determination of cadmium using bromobenzothiazo noncovalently bound to silica and paper. Fresenius' Journal of Analytical Chemistry, 2000, 367, 17-23.	1.5	6
34	Determination of copper by its catalytic effect on the oxidation of hydroquinone by hydrogen peroxide on supports. Journal of Analytical Chemistry, 2000, 55, 284-290.	0.4	4
35	Accelerating effect of silica on the indicator reaction o-dianisidineâ€“H2O2. Talanta, 2000, 51, 389-394.	2.9	4
36	Sorptionâ€“catalytic testing of copper on a paper-based sorbent with attached alkylamino groups. Analyst, The, 1999, 124, 1523-1527.	1.7	11

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37	Sorptionâ€“Catalytic Determination of Manganese Directly on a Paper-based Chelating Sorbent. Analyst, The, 1997, 122, 1161-1166.	1.7	30
38	Solvent Extraction of Radium with Crown Ether Carboxylic Acids. Analytical Chemistry, 1994, 66, 3521-3524.	3.2	31