Petr Taborsky

List of Publications by Year
in descending order

28 papers	704 citations	687363 13 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	856 citing authors

#	Article	IF	Citations
1	Sensitive determination of erythrosine and other red food colorants using capillary electrophoresis with laser-induced fluorescence detection. Journal of Chromatography A, 2007, 1141, 206-211.	3.7	114
2	High Thermodynamic Stability and Extraordinary Kinetic Inertness of Copper(II) Complexes with 1,4,8,11-Tetraazacyclotetradecane-1,8-bis(methylphosphonic acid): Example of a Rare Isomerism between Kinetically Inert Penta- and Hexacoordinated Copper(II) Complexes. Chemistry - A European Journal, 2003, 9, 233-248.	3.3	81
3	Thermodynamic study of lanthanide(iii) complexes with bifunctional monophosphinic acid analogues of H4dota and comparative kinetic study of yttrium(iii) complexes. Dalton Transactions, 2007, , 535-549.	3.3	81
4	Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes with H5do3ap (1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic-10-(methylphosphonic Acid)), a Monophosphonate Analogue of H4dota. Collection of Czechoslovak Chemical Communications, 2005, 70, 1909-1942.	1.0	62
5	Synthesis, crystal structure, thermal and luminescence properties of CuX(2,3-dimethylpyrazine) (X =) Tj ETQq1 1 0.784314 rgBT /Ove	3.3	44
6	Fluorescence properties of selected benzo[c]phenantridine alkaloids and studies of their interaction with CT DNA. Analytical and Bioanalytical Chemistry, 2009, 394, 997-1002.	3.7	43
7	Formation and dissociation kinetics of Eu(III) complexes with H5do3ap and similar dota-like ligands. Polyhedron, 2007, 26, 4119-4130.	2.2	39
8	Luminescence properties of â€œdouble-stranded staircaseâ€•copper(i) halide coordination polymers with N-containing ligands. New Journal of Chemistry, 2011, 35, 861.	2.8	37
9	Spectroscopic Characterization of Eu(III) Complexes with New Monophosphorus Acid Derivatives of H4dota. Journal of Fluorescence, 2005, 15, 507-512.	2.5	34
10	Luminescent properties of europium complexes with bis(diphenylphosphino)alkane dioxides. Luminescence, 2011, 26, 650-655.	2.9	18
11	Study of alkaloid berberine and its interaction with the human telomeric i-motif DNA structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 248, 119185.	3.9	16
12	Sensitive detection and separation of fluorescent derivatives using capillary electrophoresis with laser-induced fluorescence detection with 532nm Nd:YAG laser. Journal of Luminescence, 2006, 118, 283-292.	3.1	14
13	Sanguinarine is reduced by NADH through a covalent adduct. Phytochemistry, 2018, 145, 77-84.	2.9	14
14	Naturally occurring quaternary benzo[c]phenanthridine alkaloids selectively stabilize G-quadruplexes. Physical Chemistry Chemical Physics, 2018, 20, 21772-21782.	2.8	14
15	Determination of deuterium oxide content in water based on luminescence quenching. Talanta, 2018, 184, 364-368.	5.5	13
16	Matrix-assisted laser desorption/ionization mass spectrometry (MALDI TOF MS) study of Huperzine A, a natural anti-Alzheimer's disease product, its derivatization and its detection by highly sensitive laser induced fluorescence (LIF). Talanta, 2007, 72, 780-784.	5.5	10
17	Spectroscopic study of protonation of oligonucleotides containing adenine and cytosine. Chemical Papers, 2009, 63, .	2.2	10
18	Influence of Solvent Polarity and DNA-Binding on Spectral Properties of Quaternary Benzo[c]phenanthridine Alkaloids. PLoS ONE, 2015, 10, e0129925.	2.5	9

#	Article	IF	Citations
19	Quaternary protoberberine alkaloids and their interactions with DNA. Chemical Papers, 2019, 73, 2965-2973.	2.2	9
20	Relaxometric, Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes of DO3Aâ€Based Propylphosphonates. European Journal of Inorganic Chemistry, 2009, 2009, 3298-3306.	2.0	8
21	Interaction of oligonucleotides with benzo[c]phenanthridine alkaloid sanguilutine. Chemical Papers, 2013, 67, .	2.2	7
22	Alkaloid chelirubine and DNA: Blue and red luminescence. Talanta, 2013, 105, 317-319.	5.5	7
23	Synthesis, Crystal Structure and Properties of CuBr(2,3-dimethylpyrazine) Coordination Polymers. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 501-507.	0.7	5
24	Enhancement of luminescence signal by deuterated water â€“ Practical implications. Sensors and Actuators B: Chemical, 2022, 352, 131029.	7.8	4
25	Study of the interaction of the palmatine alkaloid with hybrid G-quadruplex/duplex and i-motif/duplex DNA structures. Biophysical Chemistry, 2022, 281, 106715.	2.8	4
26	Comment on â€œHypersensitive Luminiscence of Eu3+ in Dimethyl Sulfoxide As a New Probing for Water Measurementâ€• Analytical Chemistry, 2012, 84, 8427-8428.	6.5	3
27	Luminescent complexes of Cu^I halides with functionalized tertiary phosphines. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 645-647.	1.6	3
28	Alkaloid Escholidine and Its Interaction with DNA Structures. Biology, 2021, 10, 1225.	2.8	1