

Petr Taborsky

List of Publications by Year in descending order

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28
papers

704
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687363

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28
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times ranked

856
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enhancement of luminescence signal by deuterated water – Practical implications. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131029. | 7.8 | 4 |
| 2 | Study of the interaction of the palmatine alkaloid with hybrid G-quadruplex/duplex and i-motif/duplex DNA structures. <i>Biophysical Chemistry</i> , 2022, 281, 106715. | 2.8 | 4 |
| 3 | Study of alkaloid berberine and its interaction with the human telomeric i-motif DNA structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119185. | 3.9 | 16 |
| 4 | Alkaloid Escholidine and Its Interaction with DNA Structures. <i>Biology</i> , 2021, 10, 1225. | 2.8 | 1 |
| 5 | Quaternary protoberberine alkaloids and their interactions with DNA. <i>Chemical Papers</i> , 2019, 73, 2965-2973. | 2.2 | 9 |
| 6 | Determination of deuterium oxide content in water based on luminescence quenching. <i>Talanta</i> , 2018, 184, 364-368. | 5.5 | 13 |
| 7 | Sanguinarine is reduced by NADH through a covalent adduct. <i>Phytochemistry</i> , 2018, 145, 77-84. | 2.9 | 14 |
| 8 | Naturally occurring quaternary benzo[<i>c</i>]phenanthridine alkaloids selectively stabilize G-quadruplexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21772-21782. | 2.8 | 14 |
| 9 | Luminescent complexes of Cu ^I halides with functionalized tertiary phosphines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 645-647. | 1.6 | 3 |
| 10 | Influence of Solvent Polarity and DNA-Binding on Spectral Properties of Quaternary Benzo[<i>c</i>]phenanthridine Alkaloids. <i>PLoS ONE</i> , 2015, 10, e0129925. | 2.5 | 9 |
| 11 | Interaction of oligonucleotides with benzo[<i>c</i>]phenanthridine alkaloid sanguilutine. <i>Chemical Papers</i> , 2013, 67, . | 2.2 | 7 |
| 12 | Alkaloid chelirubine and DNA: Blue and red luminescence. <i>Talanta</i> , 2013, 105, 317-319. | 5.5 | 7 |
| 13 | Comment on “Hypersensitive Luminescence of Eu ³⁺ in Dimethyl Sulfoxide As a New Probing for Water Measurement”. <i>Analytical Chemistry</i> , 2012, 84, 8427-8428. | 6.5 | 3 |
| 14 | Luminescence properties of double-stranded staircase-copper(I) halide coordination polymers with N-containing ligands. <i>New Journal of Chemistry</i> , 2011, 35, 861. | 2.8 | 37 |
| 15 | Luminescent properties of europium complexes with bis(diphenylphosphino)alkane dioxides. <i>Luminescence</i> , 2011, 26, 650-655. | 2.9 | 18 |
| 16 | Relaxometric, Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes of DO3A-Based Propylphosphonates. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3298-3306. | 2.0 | 8 |
| 17 | Fluorescence properties of selected benzo[<i>c</i>]phenanthridine alkaloids and studies of their interaction with CT DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 997-1002. | 3.7 | 43 |
| 18 | Spectroscopic study of protonation of oligonucleotides containing adenine and cytosine. <i>Chemical Papers</i> , 2009, 63, . | 2.2 | 10 |

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|----|--|-----|-----------|
| 19 | 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). <i>Talanta</i> , 2007, 72, 780-784. | 5.5 | 10 |
| 20 | Thermodynamic study of lanthanide(III) complexes with bifunctional monophosphinic acid analogues of H4dota and comparative kinetic study of yttrium(III) complexes. <i>Dalton Transactions</i> , 2007, , 535-549. | 3.3 | 81 |
| 21 | Synthesis, crystal structure, thermal and luminescence properties of CuX(2,3-dimethylpyrazine) (X =) Tj ETQq1 1 0.784314 rgBT /Ove | 3.3 | 44 |
| 22 | Synthesis, Crystal Structure and Properties of CuBr(2,3-dimethylpyrazine) Coordination Polymers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 501-507. | 0.7 | 5 |
| 23 | Sensitive determination of erythrosine and other red food colorants using capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2007, 1141, 206-211. | 3.7 | 114 |
| 24 | Formation and dissociation kinetics of Eu(III) complexes with H5do3ap and similar dota-like ligands. <i>Polyhedron</i> , 2007, 26, 4119-4130. | 2.2 | 39 |
| 25 | Sensitive detection and separation of fluorescent derivatives using capillary electrophoresis with laser-induced fluorescence detection with 532nm Nd:YAG laser. <i>Journal of Luminescence</i> , 2006, 118, 283-292. | 3.1 | 14 |
| 26 | 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. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1909-1942. | 1.0 | 62 |
| 27 | Spectroscopic Characterization of Eu(III) Complexes with New Monophosphorus Acid Derivatives of H4dota. <i>Journal of Fluorescence</i> , 2005, 15, 507-512. | 2.5 | 34 |
| 28 | 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. <i>Chemistry - A European Journal</i> , 2003, 9, 233-248. | 3.3 | 81 |